

# Walla Walla County Community Development Department

310 W. Poplar Street, Suite 200, Walla Walla, WA 99362 / 509-524-2610 Main

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File No. SHR21-005  
SEPA21-013

## NOTICE OF APPLICATION / ODNS

Notice is hereby given on this date, 12/27/2021, that the application/proposal described in this notice has been filed with the Walla Walla County Community Development Department (CDD). The application/proposal may be reviewed at the CDD office at 310 W Poplar St., Suite 200, Walla Walla, WA 99362 and online at <https://www.co.walla-walla.wa.us/government/community-development/publicnotices.php>. All interested persons and parties may comment on the application, appeal rights are outlined in Walla Walla County Code Chapter 14.11

The CDD is using the optional threshold determination process under the State Environmental Policy Act (SEPA) authorized by WAC 197-11-355. The application comment period may be the only opportunity to comment on the environmental impacts of the proposal. A copy of the SEPA determination on the proposal may be obtained upon request. The proposal may include mitigation measures under applicable codes, and the project review process may incorporate or require mitigation measures regardless of whether an environmental impact statement is prepared. The SEPA Responsible Official has preliminarily determined that the proposal is:

- ☐ categorically exempt under SEPA
- ☒ subject to SEPA threshold determination requirements and the responsible official expects to issue the following determination: Determination of Non Significance (DNS).

The following identified existing environmental documents are hereby incorporated by reference, and all or part of the documents may be used to evaluate the application/proposal:

- SEPA Checklist dated 11/12/2021
- Joint Aquatic Resources Permit Application dated 11/12/2021
- Critical Areas Report prepared by Anderson Perry dated 11/2021
- Site Plan submitted 11/18/2021

These documents are located at the office of the CDD at 310 W Poplar St., Suite 200, Walla Walla, WA, and shall be made available for public review during all applicable comment periods on the application/proposal. Preliminary determinations and information contained herein shall not bind the County and are subject to continuing review and modification.

1. Applicant: BUTKUS, PAUL; PO BOX 138; WALLULA WA, 99363
2. Property Owners: PACKAGING CORPORATION OF AMERICA; 31831 W HWY 12; WALLULA, WA 99363
3. Application filing date: 11/18/2021
4. Date that application was determined to be substantially complete: 12/13/2021
5. Location and description of proposed action:  
PCA is proposing to construct a new 37,500-square foot building for motor storage and workshop space, with a partially paved and partially graveled adjacent laydown

area on the northern area of parcel APN 310710130005, which is the in the southwestern portion of the greater PCA property addressed as 31831 West Hwy 12, Wallula. Additionally, the existing septic system that serves the main office building to the southeast of the proposed new building would be relocated. The subject property is located in the Industrial Agriculture -Heavy (IA-H) zoning district.

This proposal will be reviewed as a substantial development under the Washington State Shoreline Management Act due to the proximity of the Columbia River (approximately 80 feet).

6. Comprehensive plan map designation for the location: Industrial
7. Zoning map designation for the location: IA-H
8. Shoreline Environment: High Intensity
9. Required Permits: On-site Sewage Disposal Permit, Addressing Permit, Shoreline Substantial Development Permit, Commercial Building Permit
10. Development Regulations: Chapter 17.18 – Development Standards – Density and Dimensions; Chapter 18.04 – Environmental Policy; Chapter 18.12 – Flood Damage Prevention; Walla Walla County Shoreline Master Program
11. Comments on this application must be submitted in writing to the CDD at 310 W Poplar St., Suite 200, Walla Walla, WA 99362. Any person desiring to submit written comments concerning an application, or desiring to receive notification of the final decision concerning the proposal as expeditiously as possible after the issuance of decision, may submit the comments or requests for decisions to the Department within fourteen days following the date of final publication of the notice of application. **Comments must be received by the Department before 5:00 PM on the following date: 1/10/2022.**
12. A public hearing will be held on this proposal; but it has not been scheduled yet.
13. The decision on this application will be made by the Walla Walla County Hearing Examiner.

For additional information please contact the CDD at 310 W Poplar St., Suite 200, Walla Walla, WA 99362; 509-524-2610; [commdev@co.walla-walla.wa.us](mailto:commdev@co.walla-walla.wa.us). **Staff Contact: Jennifer Ballard, Senior Planner, 509-524-2626.**

This Notice of Application is required by RCW 36.70B.110 and Walla Walla County Code 14.07.080.

# **SEPA ENVIRONMENTAL CHECKLIST**

## ***Purpose of checklist:***

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

## ***Instructions for applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

## ***Instructions for Lead Agencies:***

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

## ***Use of checklist for nonproject proposals:***

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

## ***A. Background*** [\[HELP\]](#)

1. Name of proposed project, if applicable:

Packaging Corporation of America - Motor Storage Building

2. Name of applicant:

Packaging Corporation of America (PCA)

3. Address and phone number of applicant and contact person:

**Applicant**

PCA  
Paul Butkus  
P.O. Box 138  
Walla Walla, Washington 99363  
(509) 545-3241

**Contact Person**

Anderson Perry & Associates, Inc. (AP)  
Dana Kurtz, Senior Environmental Scientist  
1901 N. Fir Street  
La Grande, Oregon 97850  
(541) 963-8309  
dkurtz@andersonperry.com

4. Date checklist prepared:

October 22, 2021

5. Agency requesting checklist:

Washington State Department of Ecology (Ecology)

6. Proposed timing or schedule (including phasing, if applicable):

Proposed Construction Start: March 1, 2021

Proposed Construction Completion: March 1, 2022

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

There are no plans for future additions, expansions, or further activity.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- The following planning documents and information have been prepared or will be prepared in relation to this proposal: A Critical Areas Report was completed for the property by AP.
- A Joint Aquatic Resources Permit Application for the Walla Walla County Shoreline Permit has been prepared by AP for the proposed project.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No permits are pending governmental approvals.

10. List any government approvals or permits that will be needed for your proposal, if known.

Walla Walla County Building Permit  
Walla Walla County Shoreline Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

PCA, located at 31831 West Highway 12, Wallula, Washington, is proposing to construct a new 37,500-square foot metal storage building intended for motor storage purposes.



The building would be used as a storage and maintenance area with workbenches and mechanical tools. No chemicals or hazardous materials would be stored on site.

The project would include the removal of approximately 1.2 acres of existing landscaping. The existing septic system that serves the main office building would be relocated approximately 250 feet south to an existing landscaped area, which would maintain a similar (approximately 500-foot) offset from the Columbia River shoreline. The relocated septic system would continue to serve only the existing office building and not the proposed new motor storage building.

Project construction and long-term operation would remain within PCA's existing footprint, with no new encroachment on the Columbia River shoreline. Maximum excavation depth for the project would be associated with relocating the septic system at approximately 8 feet below existing grade, which is estimated to be 12 to 14 feet above normal groundwater levels. Maximum building height at the peak would be 27 feet above existing grade, which is lower in elevation than the previously existing structures that were recently removed. Project activities would be phased by demolition, waste removal, and site preparation, followed by building construction, site grading, and surfacing of the adjacent parking/laydown area. The building would be equipped with a fire suppression system and HVAC system for climate control.

The project disturbance limits would be approximately 80 feet south of PCA's existing barge slip facility on the Columbia River, and approximately 125 feet east of the Columbia River shoreline. The total footprint where project disturbances are expected is approximately 2.0 acres. The building is anticipated to be 150 feet long by 250 feet wide.

Construction staging would be located within existing paved areas adjacent to the project site that will be used for storage of construction equipment and materials.

See Figure 1 - Location and Vicinity Maps and Figure 2 - Site Plan.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Legal Description: Township 7 North, Range 31 East, Section 10

Address: 31831 West Highway 12, Wallula, Washington 99363

## **B. Environmental Elements** [\[HELP\]](#)

### **1. Earth** [\[help\]](#)

a. General description of the site:

(circle one): Flat rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_

b. What is the steepest slope on the site (approximate percent slope)?

The project site is flat and has approximately 0 percent slope.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Site soils consist of sandy soils overlaid with fill material. Approximately half of the project site is currently paved, and approximately half the site is landscaped grass and maintained trees. There are no agricultural soils present, according to Natural Resources Conservation Service (NRCS) web soil survey.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no surface indications of unstable soils in the vicinity.

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The motor storage building would require excavation to approximately 3 feet below existing grade for the building footers, 1 foot for building slab, and 0.5 foot for clearing and grubbing for the gravel paved area. The relocated septic system would require excavation to approximately 8 feet below grade for the septic tank and between 2 to 3 feet for the drainfield lines.

Approximate total excavation for motor storage building foundation and the relocated septic system would be 2,365 cubic yards. All excavated material would be reused on site.

Approximate total fill for motor storage building foundation and the relocated septic system would be 700 cubic yards. Fill would be sourced from an approved upland existing gravel pit location.

Approximate site grading area would include 1.2 acres.

Approximate new site surfacing would include 0.6 acres of gravel and 0.6 acres of asphalt.

Total affected area including staging area and new surfaced area would be approximately 2.0 acres.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

No erosion is anticipated, as a portion of the project area is paved and built out with the existing developed area. The remainder of the project site is currently flat and does not drain off site. Constructed features would include the motor storage building and a surrounding laydown area surfaced in a mix of crushed gravel and asphalt. The project site would remain flat and offsite runoff and associated surface erosion are not anticipated.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 0.8 acre of the project site is already paved or covered in impervious structures. Approximately 1.2 acres of the project site are pervious landscaping. The project would result in an increase of approximately 0.35 acre of the 2.0-acre project site, which would be a 17.5 percent increase in impervious surfaces after construction.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

No erosion is anticipated; therefore, erosion control measures are not proposed.

## 2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Project construction would result in temporary on-site emissions from standard construction and land moving equipment. No long-term air emissions would result project operations and maintenance.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

None.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

None anticipated.

## 3. Water [\[help\]](#)

- a. Surface Water: [\[help\]](#)

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes. The shoreline of the Columbia River at River Mile 316 is adjacent to the site. The Columbia River is located approximately 80 feet northwest of the project area and 125 feet to the southeast.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. The project will require work approximately 80 feet from PCA's existing barge slip and 125 feet from the Columbia River natural shoreline. These are the closest points to the nearest surface water. This project is anticipated to require a Walla Walla County Shoreline Permit for Substantial Development under the Shoreline Master Program (see Figure 2 - Site Plan).

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Yes. PCA's entire existing industrial complex lies within the designated 100-year floodplain.

The project area is shown as being located within the special flood hazard area (Zone A) based on the Federal Emergency Management Agency Flood Insurance Rate Maps and Walla Walla County Critical Area Map. However, the McNary pool of the Columbia River is controlled by the U.S. Army Corps of Engineers, and water elevations are artificially maintained to prevent flooding.

Hydraulics for the McNary pool were most recently evaluated by West Consultants, Inc., in September 2011. A Letter of Map Revision 12-10-0991P, effective April 5, 2013, was developed from the McNary Dam upstream to the confluence of the Columbia and Snake Rivers. Hydraulic cross sections at the mill indicate the 100-year base flood elevation (BFE) would be approximately 344.15 feet (North American Vertical Datum of 1988 [NAVD88]). The existing ground elevation at the mill site is generally flat and slopes toward the river. Elevations of the existing ground at the mill range from approximately 363 feet to 348 feet NAVD88. The entire mill site is above the 100-year BFE.

Construction would be completed to meet all flood hazard area regulations to prevent any impacts to frequently flooded areas along the riverbank.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground Water: [\[help\]](#)

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

The existing septic tank that will be moved approximately 250 feet south currently serves only the main office building that includes approximately 18 staff. The relocated septic system will serve the same building and the same number of staff with no additional input. This is a domestic septic system with no industrial waste input.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

There will be no additional runoff from any source including stormwater from this project. NPDES Waste Discharge Permit No. WA0003697; Effective Date: 4/1/18; Modification Date: 11/1/19 covers stormwater collection and treatment in the mill's wastewater treatment system.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Not applicable, no waste will be generated or stored in the motor storage building or project site.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Not applicable, no impacts to water resources or drainage patterns are anticipated.

#### 4. **Plants** [\[help\]](#)

a. Check the types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other
- ☐ evergreen tree: fir, cedar, pine, other
- ☒ shrubs
- ☒ grass
- ☐ pasture
- ☐ crop or grain
- ☐ Orchards, vineyards or other permanent crops.
- ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Approximately 1.2 acres of landscaping including grass and maintained trees will be removed and replaced with a mix of asphalt paving and gravel.

c. List threatened and endangered species known to be on or near the site.

None.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

None.

e. List all noxious weeds and invasive species known to be on or near the site.

Russian olive, false indigobush, reed canarygrass, cheatgrass, and various thistles are present on or near the site.

## 5. **Animals** [\[help\]](#)

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

- b. List any threatened and endangered species known to be on or near the site.

- Columbia River distinct population segment (DPS) bull trout (*Salvelinus confluentus*)
- Contiguous U.S. DPS Canada lynx (*Lynx canadensis*)
- Western U.S. DPS yellow-billed cuckoo (*Coccyzus americanus*)
- Ute ladies'-tresses (*Spiranthes diluvialis*)

The National Marine Fisheries Service lists the following species as occurring in the project vicinity:

- Snake River fall-run, Snake River spring/summer-run, and Upper Columbia River spring-run salmon evolutionary significant unit Chinook salmon (*Oncorhynchus tshawytscha*)
- Snake River Basin, Upper Columbia River, and Middle Columbia River DPS steelhead (*Oncorhynchus mykiss*)
- Snake River Basin DPS sockeye salmon (*Oncorhynchus nerka*)

The Washington Department of Fish & Wildlife (WDFW) Priority Habitats and Species (PHS) website identifies no species in the project area. However, species and habitats are present in the broader vicinity around the project site, which includes the Columbia River and nearby upland areas. The WDFW PHS website identifies bull trout, steelhead, Chinook salmon, sockeye salmon, chum, white sturgeon, coho, and pink salmon as occurring in the Columbia River in the project vicinity. This area is used for migration for these species. In addition, a Ferruginous hawk and American white pelican breeding area is located in the project vicinity (within the Columbia River). A waterfowl concentration and ring-necked pheasant concentration is listed for the area as well.

Given the industrialized nature of the project area, and mobile nature of the species in the larger project vicinity, it is unlikely that any of these species will be impacted by the proposed project actions. Additionally, no in-water work is proposed for this project; therefore, aquatic species will not be affected.

- c. Is the site part of a migration route? If so, explain.

The project lies within the Pacific Flyway for migratory birds. However, the project is not anticipated to have an impact on migratory birds because their migration space will not be impacted by this new construction. Eight species of protected salmonids use the Columbia River (located 80 feet from the project area) as a migration corridor; however, there is no in-water work proposed for this project and these species are anticipated to be unaffected by the project.

- d. Proposed measures to preserve or enhance wildlife, if any:

None.

- e. List any invasive animal species known to be on or near the site.

Asian clam (*Corbicula fluminea*) is present in the Columbia River, which is located 80 feet from the project site. No in-water work is proposed, so this species is unlikely to impact project construction. No other invasive animal species are known to be located on or near the project site.

## 6. **Energy and Natural Resources** [\[help\]](#)

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will be used for the motor storage building heating, cooling, and ventilation.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

## 7. **Environmental Health** [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No environmental health hazards are anticipated to be associated with the completed project.

- 1) Describe any known or possible contamination at the site from present or past uses.

There are three registered industrial hazardous waste generating facilities in the project vicinity including Boise Cascade, Wallula; Boise White Paper LLC, and PAC (Ecology 2021)<sup>7.a.1-1</sup>. There is one listed contaminated site located on the property, which was a voluntary upland cleanup site for petroleum products and conventional contaminants in groundwater and soil. This site was remediated and received a No Further Action designation from Ecology in 1998. A second contaminated site is at the location of a leaking underground storage tank in an upland area on the opposite of U.S. Highway 12 and southeast of the project site that was closed in 2000. Due to the complete nature of these cleanups, they are unlikely to have impacted the property. (Ecology, 2021)<sup>7.a.1-2</sup>.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

There are no known hazardous chemicals or conditions that might affect project development.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Motor fuels and lubricants would be used in construction vehicle during demolition, site grading, and construction. It is not anticipated that toxic or hazardous chemicals will be stored, used, or produced at the project site during long-term operations.

- 4) Describe special emergency services that might be required.

None needed for this project.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

Not applicable.

**b. Noise**

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

There are no known sources of noise in the area that may affect the proposed project.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Long-term operation of the motor storage building would generate general shop maintenance noise, similar to city traffic and similar to industrial noises currently generated in and near the project site. Noise will occur during operating hours that will vary throughout the year. Construction noise will be temporary and will occur within normal hours of operation during the demolition and construction process.

- 3) Proposed measures to reduce or control noise impacts, if any:

The proposed project is located in an existing industrial area with existing noise from industrial activities associated with vehicle traffic and pulp and paper handling facilities. Noise generated from the motor storage building will be similar to existing industrial noises; therefore, no noise control measures are proposed.

*7.a.1)-1 Washington State Department of Ecology. 2021. Washington State, Facility / Site database for hazardous waste generating sites. Available at: <https://apps.ecology.wa.gov/facilitysite/MapData/MapSearch.aspx>. Accessed July 2021.*

*7.a.1)-2 Washington State Department of Ecology. 2021. Washington State, What's in My Neighborhood database for contaminated cleanup sites. Available at: <https://apps.ecology.wa.gov/neighborhood/>. Accessed July 2021.*



## 8. *Land and Shoreline Use* [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The entire project site is located on PCA property (pulp and paper processing facility) and there are no other nearby landowners. Adjacent land uses are similarly industrial and used for pulp and paper processing. The nearest residential or other sensitive visual or noise receptors are in the community of Wallula approximately 1.0 mile south of the project site. The Washington State Department of Transportation operates U.S. Highway 12 approximately 0.3 mile east of the project site, and there are several rail lines approximately 0.2 mile east of the project site. The proposed project would have no adverse impact on nearby or adjacent land uses.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

The project site has not been used as working farmlands or working forest lands.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No. The proposal will not affect or be affected by surrounding working farm or forest land normal business operations.

- c. Describe any structures on the site.

An aboveground storage tank facility has been recently removed on the northern portion of the project site. There is an existing septic system within a portion of the landscaped area between the previous aboveground storage tanks and the main office building.

- d. Will any structures be demolished? If so, what?

No.

- e. What is the current zoning classification of the site?

Heavy Industrial-Agricultural (Walla Walla County, 2021)<sup>8.a</sup>

- f. What is the current comprehensive plan designation of the site?

Industrial (Walla Walla County, 2019)<sup>8.f</sup>

- g. If applicable, what is the current shoreline master program designation of the site?

Within the project vicinity, the Columbia River is designated as a Shoreline of Statewide Significance. The shoreline area of the Columbia River is designated as High Intensity in accordance with the Shoreline Master Program for Walla Walla County. A Substantial Development Shoreline Permit is anticipated to be required.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

The Walla Walla County Critical Ordinance Update (Walla Walla County, 2018)<sup>8,h</sup> graphically depicts critical areas. The following addresses how the project may affect each type of critical area.

- **Critical Aquifer Recharge Areas – Wellhead Protection Area:** A portion of the proposed project area is located within a wellhead protection area.
- **Walla Walla River Shallow Gravel Aquifer Critical Aquifer Recharge Area Map:** The property is not located within a shallow gravel aquifer critical aquifer recharge area.
- **Walla Walla River Shallow Gravel Aquifer Recharge Vulnerability Map:** The property is not located within the shallow gravel aquifer recharge area for the Walla Walla River.
- **Wetlands:** No wetlands are mapped within 50 feet of the PCA property; however, according to the U.S. Fish and Wildlife Service NWI mapper, artificially constructed freshwater ponds and the Columbia River are present in the vicinity of the project area.
- **Frequently Flooded Areas:** The property is located in a frequently flooded area (100-year floodplain).
- **Geologic Hazard Areas (Potential Liquefaction Susceptibility):** The property has moderate to high susceptibility for liquefaction during a seismic event and design class D-E.
- **Geologic Hazard Areas (Steep Slope/Landslide Hazards):** The property has low slopes of 0<15 and is not in a landslide hazard area.
- **Potential Soil Erosion Susceptibility:** A majority of the property is not rated as being susceptible to soil erosion, with a small portion rated slight potential soil erosion susceptibility.
- **Waters of the State:** The Columbia River runs adjacent to the project area and is classified as a waterbody with a required minimum riparian buffer width of 100 feet.
- **WDFW Priority Habitats and Species:** The property is mapped as Habitat of Local Importance. It is also adjacent to a high density of wintering birds of prey area.

i. Approximately how many people would reside or work in the completed project?

The project will not require new employees.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not applicable.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The project proposes to construct a motor storage building. No changes in land use or land use type or designation would occur. The proposed project is consistent with the Walla Walla Comprehensive Plan (Walla Walla County, 2019)<sup>8,h</sup>. The existing and projected land use, shoreline master plan, and comprehensive plan would remain unchanged.

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

There are no anticipated impacts to nearby agricultural or forest lands. No measures to ensure compatibility have been proposed.

8.a. Walla Walla County. 2021. Walla Walla County GIS Department, Interactive Maps - Zoning. Available at: <https://wallawallacountygis-wwcgis.hub.arcgis.com/apps/d4f5c03656724f75a978c720d9bc5d65/explore>. Accessed July 2021.

8.f. Walla Walla County. 2019. Final Walla Walla County Comprehensive Plan. Available at: [https://www.co.walla-walla.wa.us/document\\_center/commdev/planning/comp%20plan/FINAL%20Walla%20Walla%20County%20Comp%20Plan%20\(080519\)%20\(complete\).pdf](https://www.co.walla-walla.wa.us/document_center/commdev/planning/comp%20plan/FINAL%20Walla%20Walla%20County%20Comp%20Plan%20(080519)%20(complete).pdf). Accessed July 2021. Walla Walla County. 2019. Final Walla Walla County Comprehensive Plan. Available at: [https://www.co.walla-walla.wa.us/document\\_center/commdev/planning/comp%20plan/FINAL%20Walla%20Walla%20County%20Comp%20Plan%20\(080519\)%20\(complete\).pdf](https://www.co.walla-walla.wa.us/document_center/commdev/planning/comp%20plan/FINAL%20Walla%20Walla%20County%20Comp%20Plan%20(080519)%20(complete).pdf). Accessed July 2021.

8.h. Walla Walla County. 2018. Walla Walla County Critical Areas Ordinance. Available at: [https://www.co.walla-walla.wa.us/document\\_center/commdev/2018%20Update/Updated%20Critical%20Areas%20Maps.pdf](https://www.co.walla-walla.wa.us/document_center/commdev/2018%20Update/Updated%20Critical%20Areas%20Maps.pdf). Accessed July 2021.

## 9. **Housing** [\[help\]](#)

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Not applicable.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Not applicable.

- c. Proposed measures to reduce or control housing impacts, if any:

Not applicable.

## 10. **Aesthetics** [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The new motor storage building (metal exterior and roof) would be approximately 27 feet above grade at its peak. The height of the new motor storage building is similar to that of other structures on the site.

- b. What views in the immediate vicinity would be altered or obstructed?

None. The views in the immediate vicinity would remain unchanged.

- b. Proposed measures to reduce or control aesthetic impacts, if any:

None.

## 11. **Light and Glare** [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Nighttime exterior security lighting may be installed on the outside of the building, similar to neighboring structures owned by PCA.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No. Security lighting would be similar to existing nearby industrial facilities.

- c. What existing off-site sources of light or glare may affect your proposal?

None.

- d. Proposed measures to reduce or control light and glare impacts, if any:

None.

## 12. **Recreation** [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?

The Columbia River is used for boating and fishing, but no recreational uses are known in the general project area because it is located on private property that lacks public access.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

## 13. **Historic and cultural preservation** [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

Industrial buildings at the site are older than 45 years but are not eligible for listing on the national, state, or local preservation registers.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

A cultural resources desktop review was conducted by AP archaeologist Stephanie O'Brien, RPA on October 11, 2021. The review indicated six surveys have been conducted within 1 mile of the area of potential effect (APE). One archaeological site (45WW126) has been recorded within 1 mile of the APE but is located approximately 0.5 mile from the current APE. Bureau of Land Management General Land Office

(GLO) Records were reviewed for historical maps and patents. A GLO map surveyed in 1866 identifies a trail along the shoreline at the confluence, but with no additional structures, buildings, or notations in association.

No other known landmarks, features, or other evidence of tribal or historic use or occupation are located within the project area.

No other professional archaeological studies have been conducted at the mill site. The entire industrial mill site has been previously disturbed to varying levels during development. There are no records of previous discoveries during past construction activities.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

The Washington Information System for Architectural and Archaeological Records Data was accessed on October 11, 2021, to determine the presence of previously recorded historic properties or archaeological sites within or near the project vicinity, as well as to determine the potential for cultural and historic resources on or near the project site. Other resources consulted include historic GLO maps and ethnographic resources.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

In the event of an unanticipated discovery of cultural resources, PCA and the construction contractor will be governed by the statutory provisions protecting cultural resources Chapter 27.53 Revised Code of Washington.

#### **14. *Transportation*** [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The mill is located on the west side of Highway 12 and has direct access to the highway heading either west to Pasco, Kennewick, and Richland or west to Walla Walla. Traffic will not be affected by the proposed project.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

No, the closest public transit stop is approximately 20 miles away.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

There will be no changes in parking.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No transportation improvements would occur as part of the project.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Mainline railroad tracks are located approximately 0.2 mile east of the project site and spur tracks enter the mill site. The construction of the project will not use or conflict with the rail line.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

A variably low number of trips per day would be made to/from the new motor storage building. The new facility would be used on an as-needed basis. All traffic to the new facility would occur within PCA's larger mill facility, and no adverse effect would occur on public or private roadways.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

- h. Proposed measures to reduce or control transportation impacts, if any:

None.

## 15. **Public Services** [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None.

## 16. **Utilities** [\[help\]](#)

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No new utilities are needed for this project.

### C. Signature [\[HELP\]](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Name of signee PAUL BUTKUS

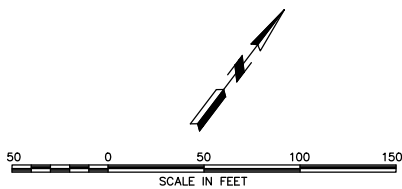
Position and Agency/Organization ENVIRONMENTAL MANAGER / PCA

Date Submitted: 11-12-21









**apanderson  
perry**  
& associates, inc.

**PACKAGING CORPORATION OF AMERICA  
MOTOR STORAGE BUILDING**

**SITE PLAN**

**FIGURE**

**2**

# MOTOR STORAGE BUILDING CRITICAL AREA REPORT

NOVEMBER 2021



Prepared for the  
Packaging Corporation of America

**MOTOR STORAGE BUILDING  
CRITICAL AREA REPORT**

**FOR**

**PACKAGING CORPORATION OF AMERICA**

**NOVEMBER 2021**

ANDERSON PERRY & ASSOCIATES, INC.

Walla Walla, Washington  
La Grande, Redmond, and Hermiston, Oregon

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# Section 1.0 - Introduction

---

Packaging Corporation of America (PCA), located in Wallula, Washington, is proposing to construct a new 37,500-square foot metal storage building intended for motor storage purposes, with a partially paved and partially graveled adjacent laydown area near the western edge of their property.

The existing Wallula industrial processing facility has been operating for over 70 years at this location to generate paper products. The proposed project would create a new building to be used as a storage and maintenance area with workbenches and mechanical tools. No chemicals or hazardous materials will be stored on site.

The legal description of the project area is Township 7 North, Range 31 East, Section 10, Willamette Meridian. See Figures 1 and 2 in Appendix A for the location and vicinity maps and site plan of the project area. This Critical Area Report (CAR) is intended to meet the CAR requirements for the Walla Walla County Critical Areas Permit application.

# Section 2.0 - Proposed Action

---

## 2.1 Alternatives Considered

The proposed project would involve construction of a new motor storage building at the Wallula, Washington, mill site. Two alternatives are discussed below.

### 2.1.1 No-Action Alternative

In the No-Action Alternative, PCA would not construct the proposed improvements. However, this would not meet the needs of PCA in creating a consolidated motor storage area within the existing mill facility, resulting in motors being stored at various locations throughout the facility. Consequently, this alternative was not chosen.

### 2.1.2 Improvements Alternative (Preferred)

This alternative would consist of the following project components:

- Construction of a new 37,500-square foot metal storage building
- Installation of a partially paved and partially graveled adjacent laydown area near the western edge of the PCA property
- Relocating the existing septic system drainfield

The proposed building footprint is approximately 250 feet long, 150 feet wide, and 27 feet tall. The proposed project area is partially paved and partially graveled and is approximately 1.2 acres. The shoreline of the Columbia River is approximately 80 feet from the project area. The entire industrial mill site has been previously disturbed to varying levels during development, and no direct impact to the Columbia River or other waterbodies is anticipated. The property is located within 50 feet of a critical aquifer recharge area, a frequently flooded area, geologically hazardous areas, and fish and wildlife habitat, as indicated on the Critical Areas review process. This alternative was selected because it would produce the desired result of creating additional storage within the existing mill facility.

# Section 3.0 - Critical Areas and Buffers

---

Selected Walla Walla County Critical Area Maps (Walla Walla County, 2019) are located in Appendix B. All critical areas occurring within 50 feet of the PCA property are evaluated in this report.

## 3.1 Critical Aquifer Recharge Areas

Walla Walla County Critical Area Map CA-1A, Wellhead Protection Areas (Appendix B), shows a wellhead protection area within a portion of the proposed project area; however, the project area does not exist within any shallow gravel critical aquifer recharge areas.

## 3.2 Wetlands

The National Wetlands Inventory Map (see Appendix C) and the Walla Walla County Critical Area Map CA-2, Wetlands (Appendix B), show that no wetlands are present within 50 feet of the PCA property; however, artificially constructed freshwater ponds and the Columbia River are present in the vicinity of the project area (U.S. Fish and Wildlife Service, 2021).

## 3.3 Frequently Flooded Areas

The Federal Emergency Management Agency (FEMA) flood map (see Appendix C) and the Walla Walla County Critical Area Map CA-3, Frequently Flooded Areas (Appendix B), indicates that the project area exists within a special flood hazard area (Zone A, areas of 100-year flood) (FEMA, 2021).

## 3.4 Geologically Hazardous Areas

Walla Walla County Critical Area Map CA-4A, Seismic Hazard Areas - Potential Liquefaction Susceptibility (Appendix B), indicates the project is in an area designated as a moderate to high liquefaction zone; therefore, the area is designated as a geologically hazardous area under Walla Walla County Code Chapter 18.08. Map CA-4C, Geologically Hazardous Areas-Steep Slopes (Appendix B), indicates that the area predominantly has slopes of 0<15 percent. Map CA-4D, Erosion Hazard Areas - Potential Soil Erosion Susceptibility (Appendix B), show no rating for a majority of this area, with a small portion rated slight potential soil erosion susceptibility.

## 3.5 Fish and Wildlife Habitat Conservation Areas

Walla Walla County Critical Area Map CA-5A, Fish and Wildlife Habitat Conservation Areas - Waters of the State (Appendix B), indicates that the Columbia River runs adjacent to the project area and is classified as a waterbody with a required minimum riparian buffer width of 100 feet.

According to Walla Walla County Critical Area Map CA-5B, Fish and Wildlife Habitat Conservation Areas - Priority Habitats and Species (Appendix B), the Columbia River adjacent to the project area is also mapped as Habitat of Local Importance, specifically high density of wintering birds of prey habitat.

According to StreamNet (2021), Chinook salmon, coho salmon, sockeye salmon, chum salmon, pink salmon, steelhead, and bull trout use this segment of the Columbia River for migration, and white sturgeon use this segment of the Columbia River year-round. Wildlife species that may use this area include resident and migratory birds and small mammals.

# Section 4.0 - Assessment of Probable Cumulative Impact

---

The proposed improvements on the PCA property would involve constructing a new motor storage building with a partially paved and partially graveled adjacent laydown area. The area is currently zoned Heavy Industrial. Potential impacts to critical areas from these actions are discussed below.

## 4.1 Critical Aquifer Recharge Areas

A mapped wellhead protection area is located within the project area; however, the proposed improvements are not anticipated to impact the wellhead protection area. The project area is not located within any shallow gravel aquifer recharge area. The project will not require withdrawal of or discharge into groundwater.

## 4.2 Wetlands

Although wetland maps show several artificially constructed freshwater ponds and the Columbia River, no naturally occurring wetlands are located within the project area. Although one pond is available for fire line maintenance, the ponds are generally unused. The project will not impact wetlands.

## 4.3 Frequently Flooded Areas

The project area is shown as being located within the special flood hazard area (Zone A) based on the Federal Emergency Management Agency Flood Insurance Rate Maps (Appendix C) and Walla Walla County Critical Area Map (Appendix B). However, the McNary pool of the Columbia River is controlled by the U.S. Army Corps of Engineers and water elevations are artificially maintained to prevent flooding.

Hydraulics for the McNary Pool were most recently evaluated by West Consultants, Inc., in September 2011, and a Letter of Map Revision 12-10-0991P, effective April 5, 2013, was developed from the McNary Dam upstream to the confluence of the Columbia and Snake Rivers. Hydraulic cross sections at the mill indicate the 100-year base flood elevation (BFE) would be approximately 344.15 feet (North American Vertical Datum of 1988 [NAVD88]). The existing ground elevation at the mill site is generally flat and slopes toward the river. Elevations of the existing ground at the mill range from approximately 363 feet to 348 feet NAVD88. The entire mill site is above the 100-year BFE.

Construction would be completed to meet all flood hazard area regulations to prevent any impacts to frequently flooded areas along the riverbank.

## 4.4 Geologically Hazardous Areas

Since the project area outside of the riverbanks and is generally flat, with slopes less than 3 percent and protected with vegetation or hard surfaces, susceptibility to soil erosion is low. The area is rated moderate to high potential liquefaction susceptibility. The proposed improvements will be designed and constructed taking into account the geologic hazard requirements for building in a high potential liquefaction area. The design is anticipated to be appropriate for the location and will not adversely impact the project area through increasing liquification potential or causing soil erosion.



## **4.5 Fish and Wildlife Habitat Conservation Areas**

The shoreline of the Columbia River is approximately 80 feet from the project area (existing slip) to the northwest and 125 feet from the project area (vegetated shoreline) to the southeast. The Columbia River has a recommended minimum riparian buffer of 100 feet. All elements of project construction are outside the 100-foot buffer on the southeast side. The building will be located within the 100-foot buffer toward the slip; however, existing site paving and projections will ensure fish and wildlife habitat conservation areas are not impacted. Due to the surrounding land use, this reach of the river has moderate vegetation within the buffer. Erosion control measures should be implemented to ensure sediment and other contaminants do not enter surface waters during construction. An earthen berm is located on the shoreline as a permanent erosion control feature.

## Section 5.0 - Mitigation

---

It is anticipated that following construction of the proposed motor storage building, the site around the project area will be returned to a condition similar to pre-construction conditions. No critical aquifer recharge areas, no wetlands, no frequently flooded areas, and no fish and wildlife habitat conservation areas will be impacted; therefore, no mitigation is proposed.

## Section 6.0 - References

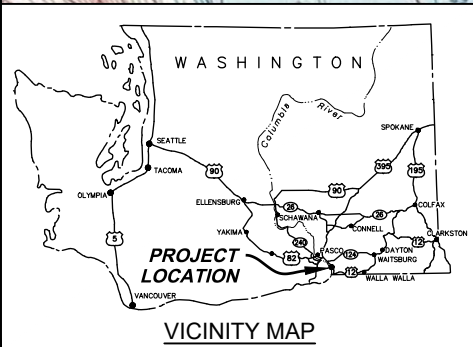
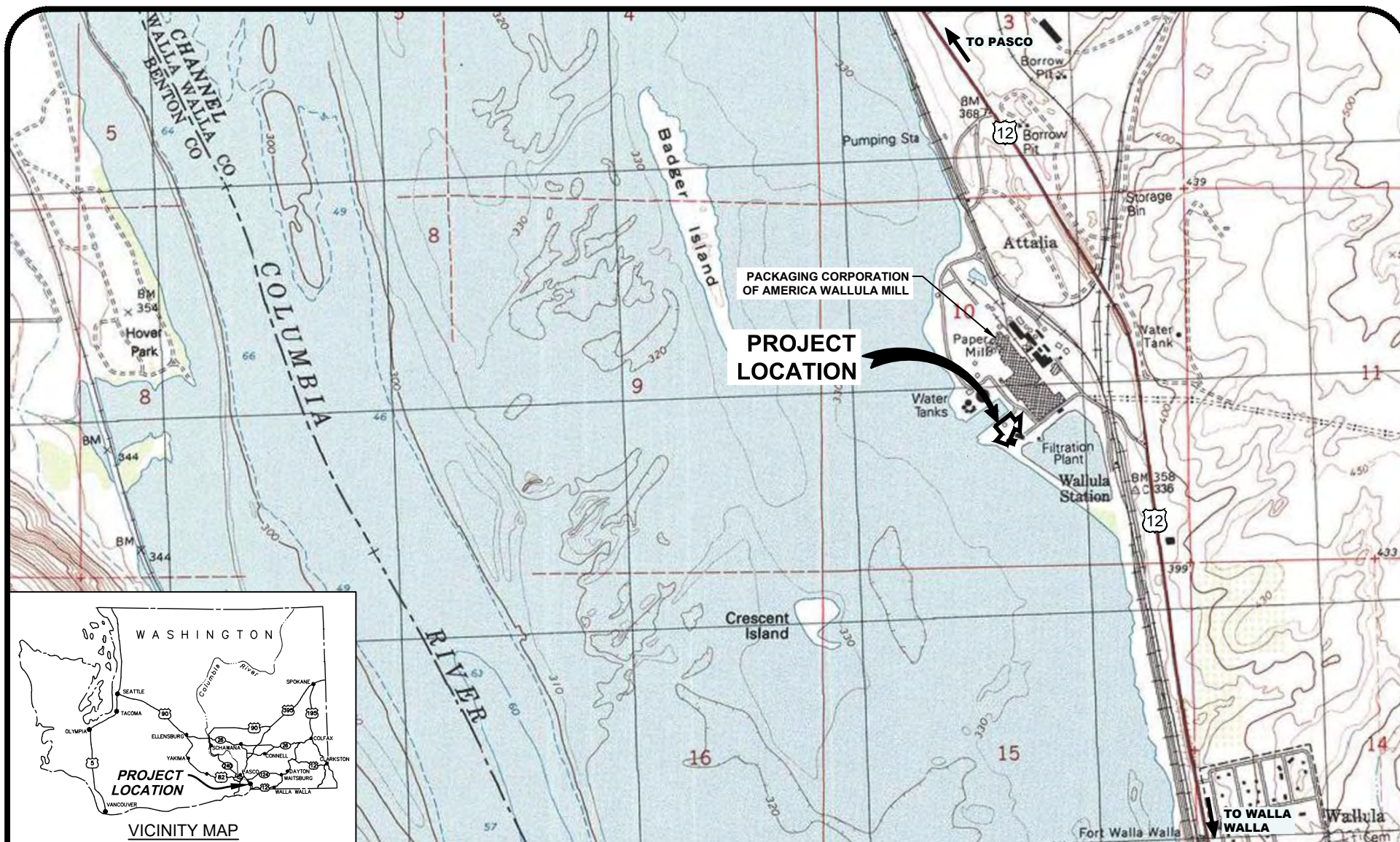
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- Federal Emergency Management Agency (2021). FEMA Flood Map Service Center (flood map 5301940400B). Accessed October 22, 2021.
- Federal Emergency Management Agency, Letter of Map Revision, Community No. 530044, Case No. 12-10-0991P, Effective April 5, 2013.
- Letter of Map Revision, Port of Walla Walla, Walla Walla County, Washington, West Consultants, Inc., September 2011.
- StreamNet (2021). Chinook Salmon, Coho Salmon, Sockeye Salmon, Pink Salmon, Chum Salmon, Summer Steelhead, and Bull Trout Distribution. <http://map.streamnet.org>. Accessed October 21, 2021.
- U.S. Fish and Wildlife Service (2021). National Wetlands Inventory Map, Online Mapper. Accessed October 21 28, 2021. <http://www.fws.gov/wetlands/Data/mapper.html>.
- Walla Walla County, Washington (2019). Critical Areas Ordinance Update - Final CAO Maps (July 2019). [https://www.co.walla-walla.wa.us/document\\_center/commdev/2018%20Update/Final%20CAO%20Maps%20\(July%202019\).pdf](https://www.co.walla-walla.wa.us/document_center/commdev/2018%20Update/Final%20CAO%20Maps%20(July%202019).pdf). Accessed October 21, 2021.

# **APPENDIX A**

## **Figures**

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1000 0 1000 2000 3000  
SCALE IN FEET

T7N R31E



**anderson  
perry**  
& associates, inc.

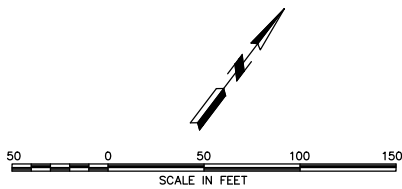
**PACKAGING CORPORATION OF AMERICA  
MOTOR STORAGE BUILDING**

**LOCATION AND VICINITY MAP**

**FIGURE**

**1**





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perry**  
& associates, inc.

**PACKAGING CORPORATION OF AMERICA  
MOTOR STORAGE BUILDING**

**SITE PLAN**

**FIGURE**

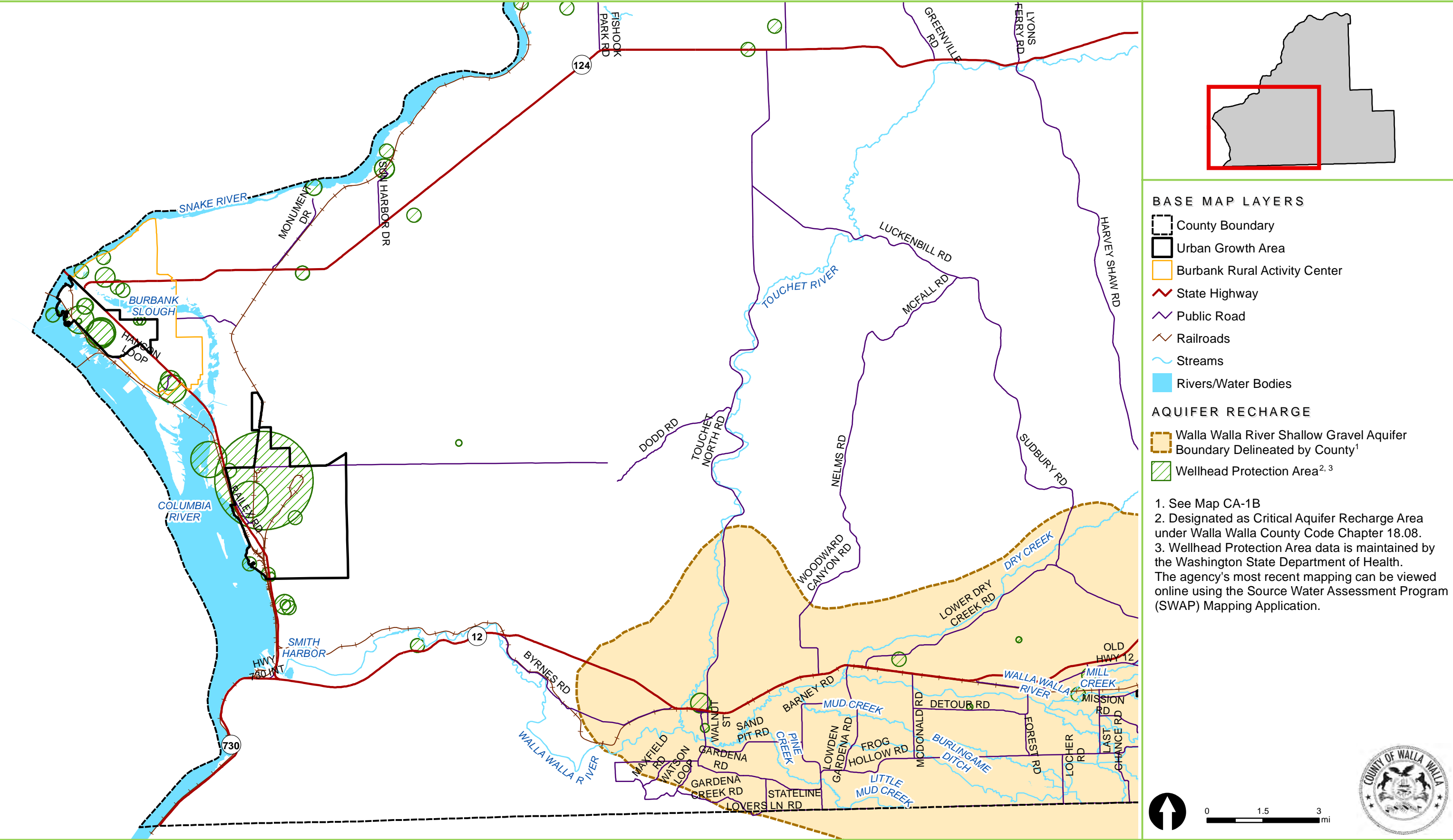
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## **APPENDIX B**

### **Critical Area Maps**

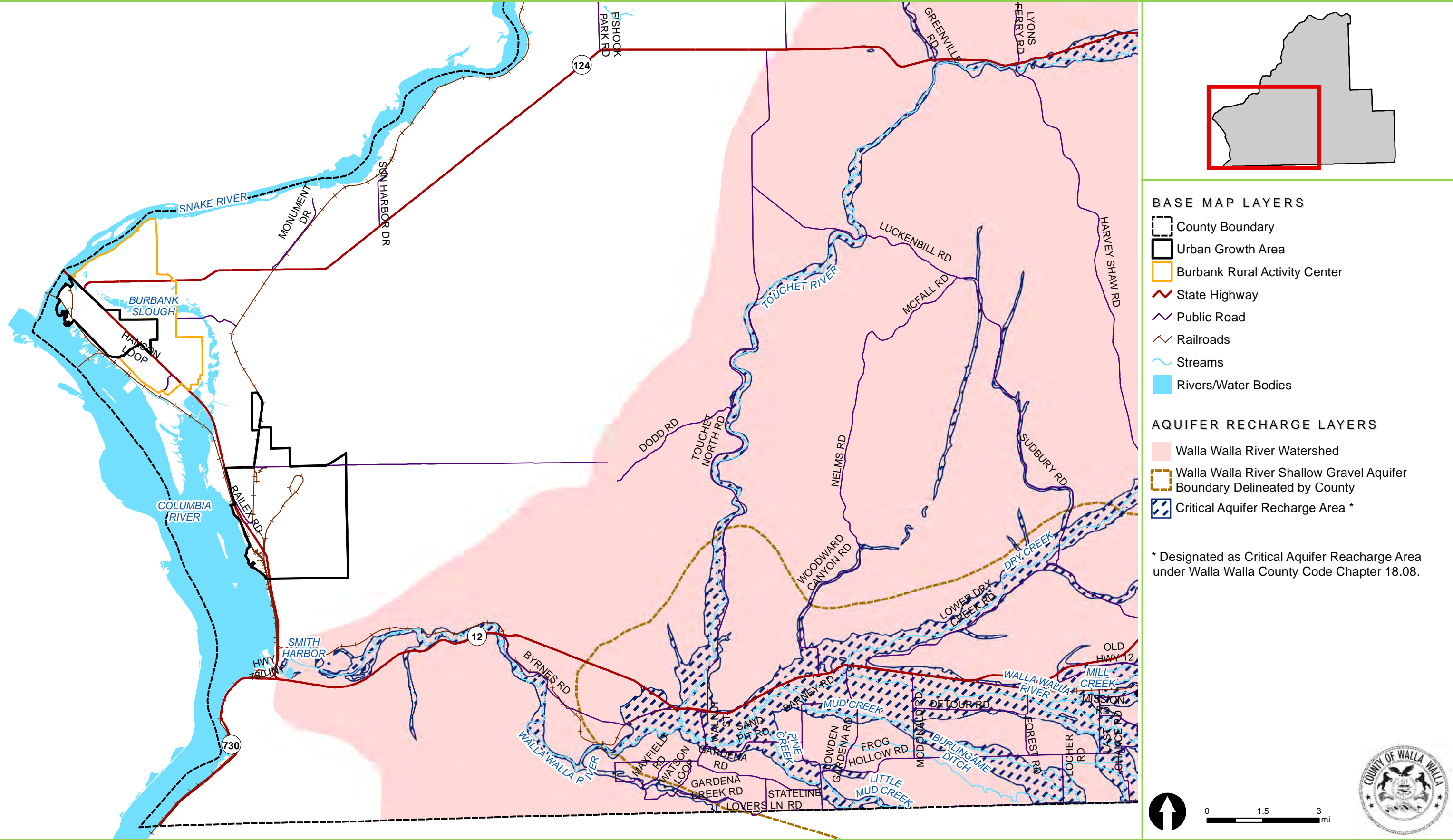
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CRITICAL AQUIFER RECHARGE AREAS - Wellhead Protection Areas - Southwest County



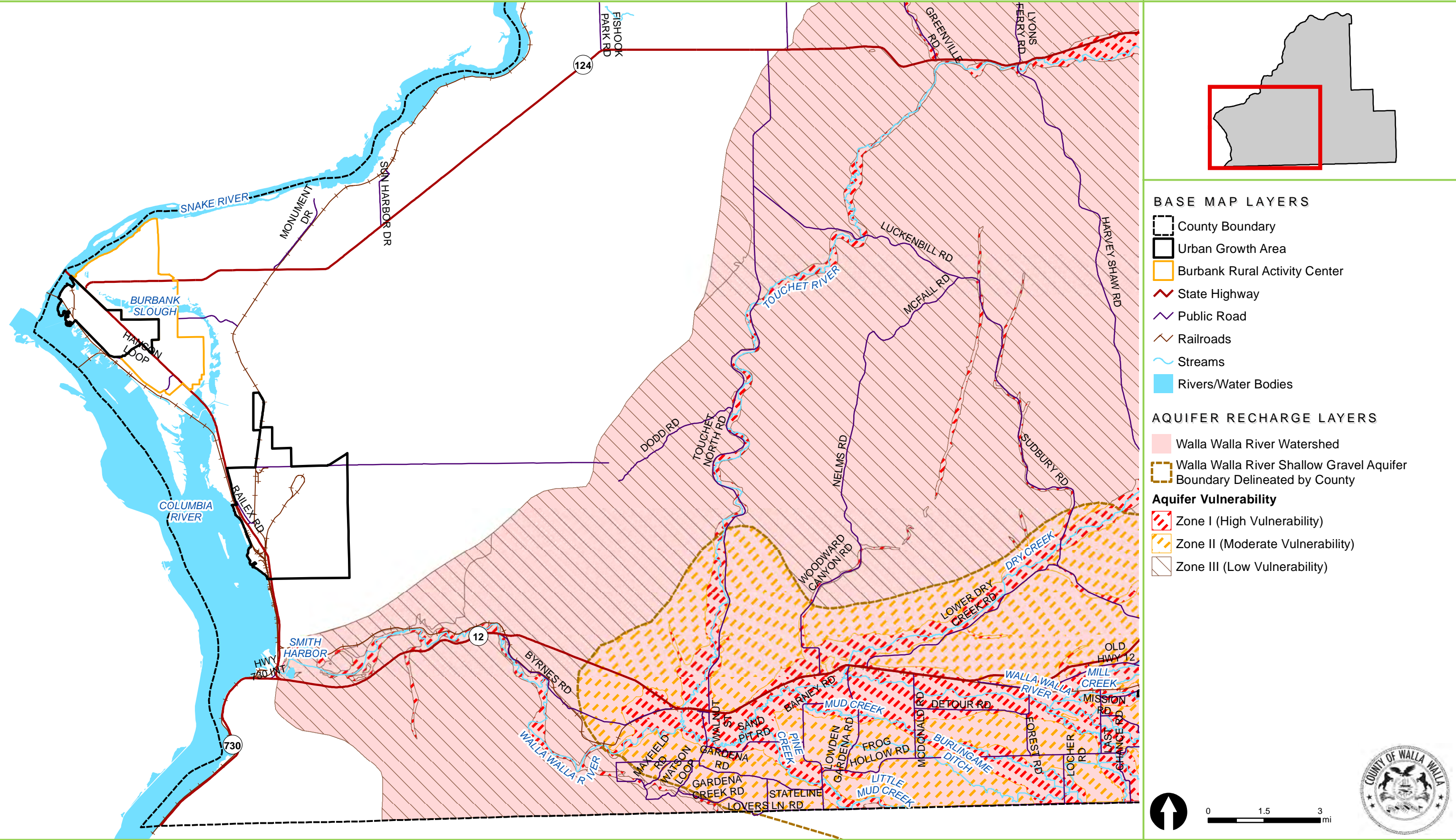


CRITICAL AQUIFER RECHARGE AREAS - Walla Walla River Shallow Gravel Aquifer CARA - Southwest County



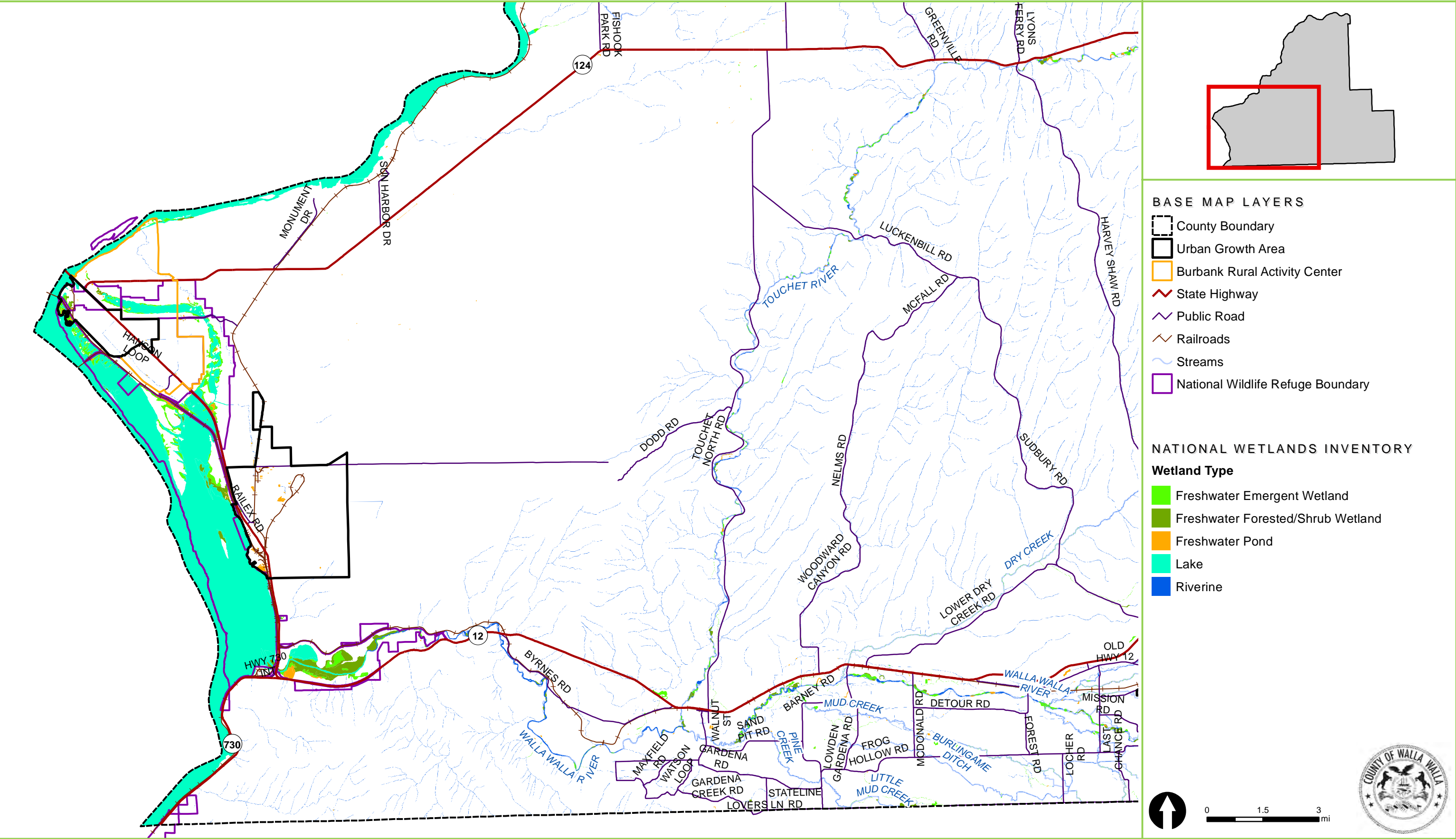


CRITICAL AQUIFER RECHARGE AREAS - Walla Walla River Shallow Gravel Aquifer Vulnerability - Southwest County

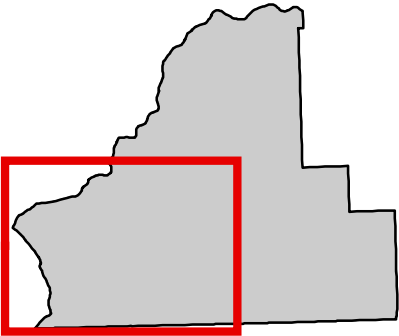
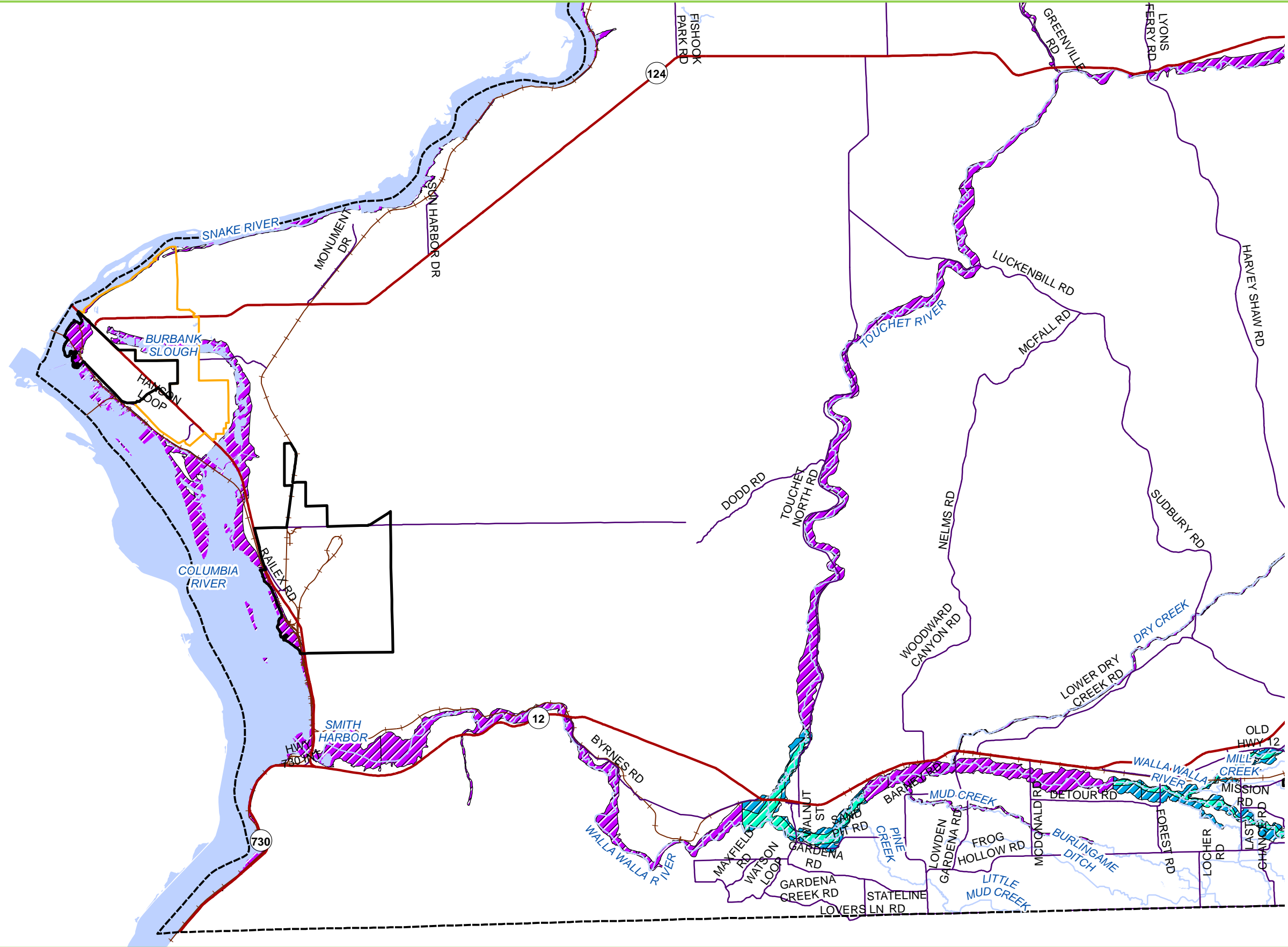




WETLANDS - Southwest County



FREQUENTLY FLOODED AREAS - Southwest County



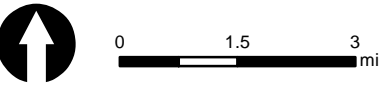
BASE MAP LAYERS

- County Boundary
- Urban Growth Area
- Burbank Rural Activity Center
- State Highway
- Public Road
- Railroads
- Streams
- Rivers/Water Bodies

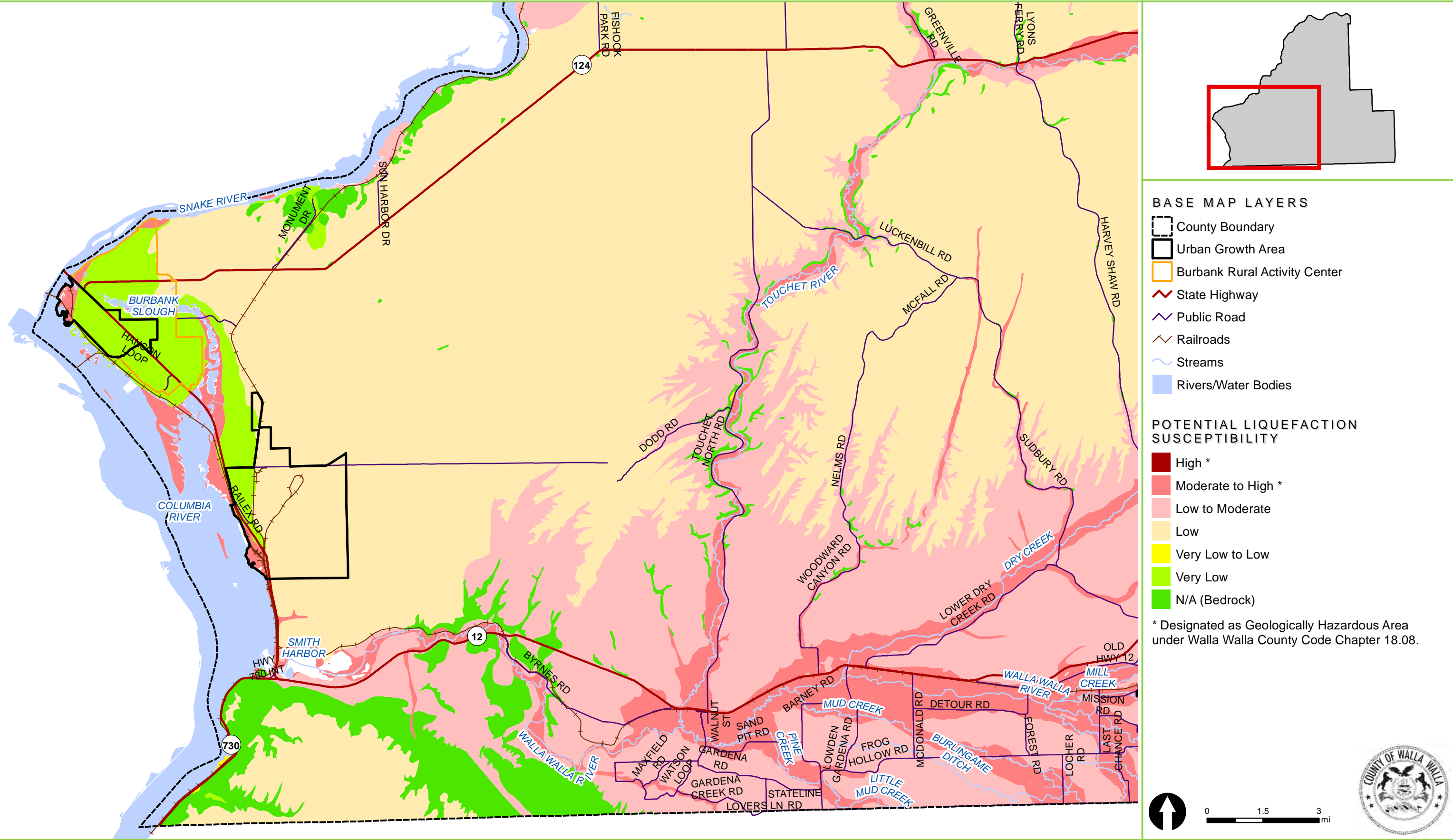
FREQUENTLY FLOODED AREAS\*

- Floodway
- Flood Fringe Zone
  - A
  - AE
  - AO

\* FEMA Q3 Flood Data, revised January 2002.

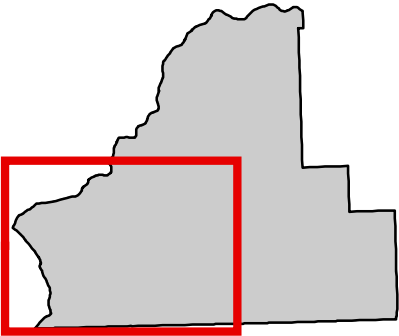
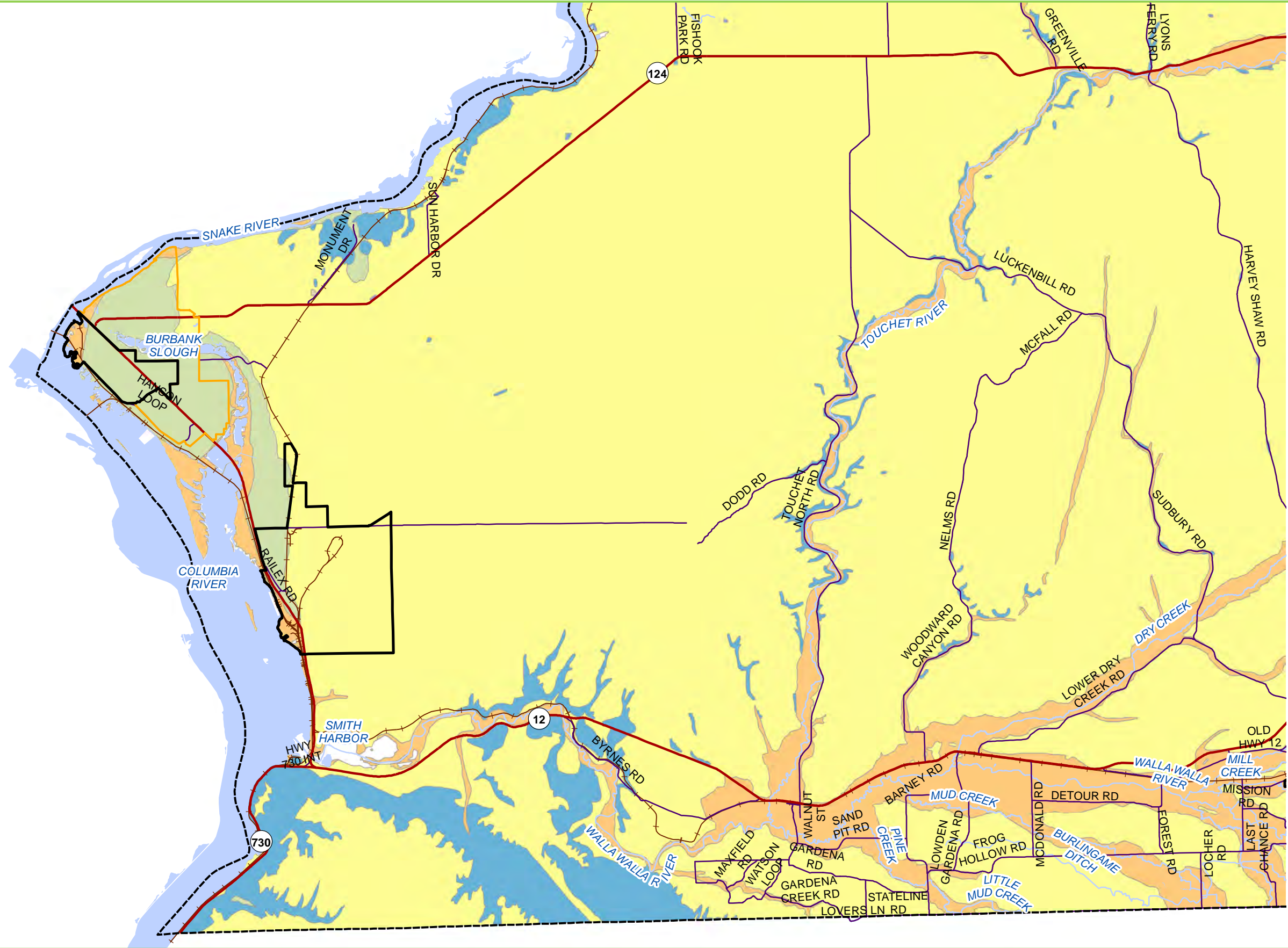


SEISMIC HAZARD AREAS - Potential Liquefaction Susceptibility - Southwest County





SEISMIC HAZARD AREAS - Seismic Design Site Class - Southwest County



BASE MAP LAYERS

- County Boundary
- Urban Growth Area
- Burbank Rural Activity Center
- State Highway
- Public Road
- Railroads
- Streams
- Rivers/Water Bodies

SEISMIC DESIGN SITE CLASS

- Water
  - B
  - B-C
  - C
  - D
  - D-E
  - E
- Increasing amplification of ground shaking

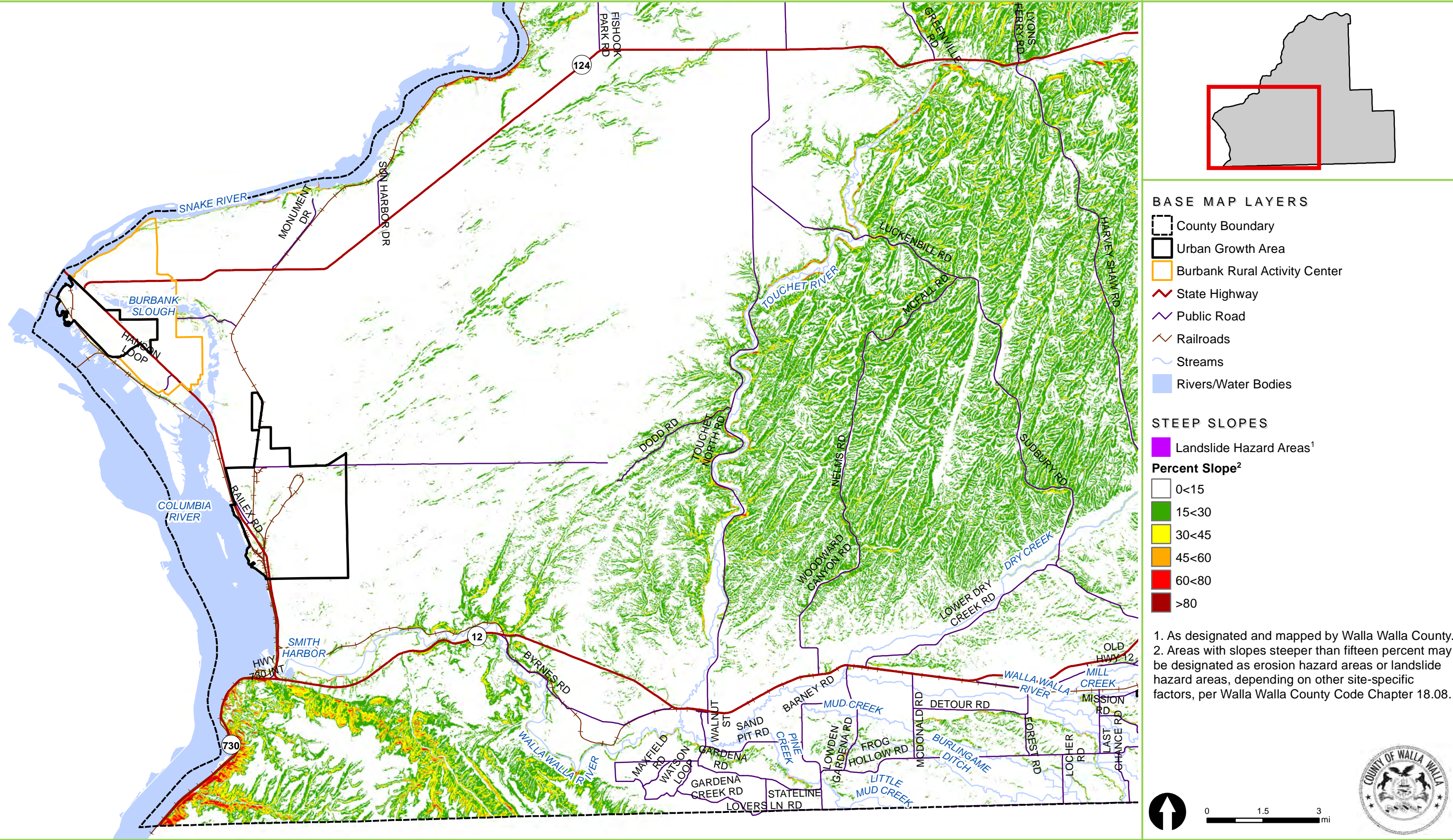


0 1.5 3 mi



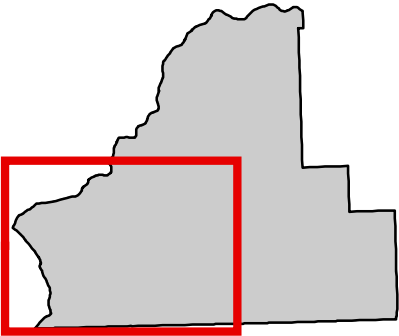
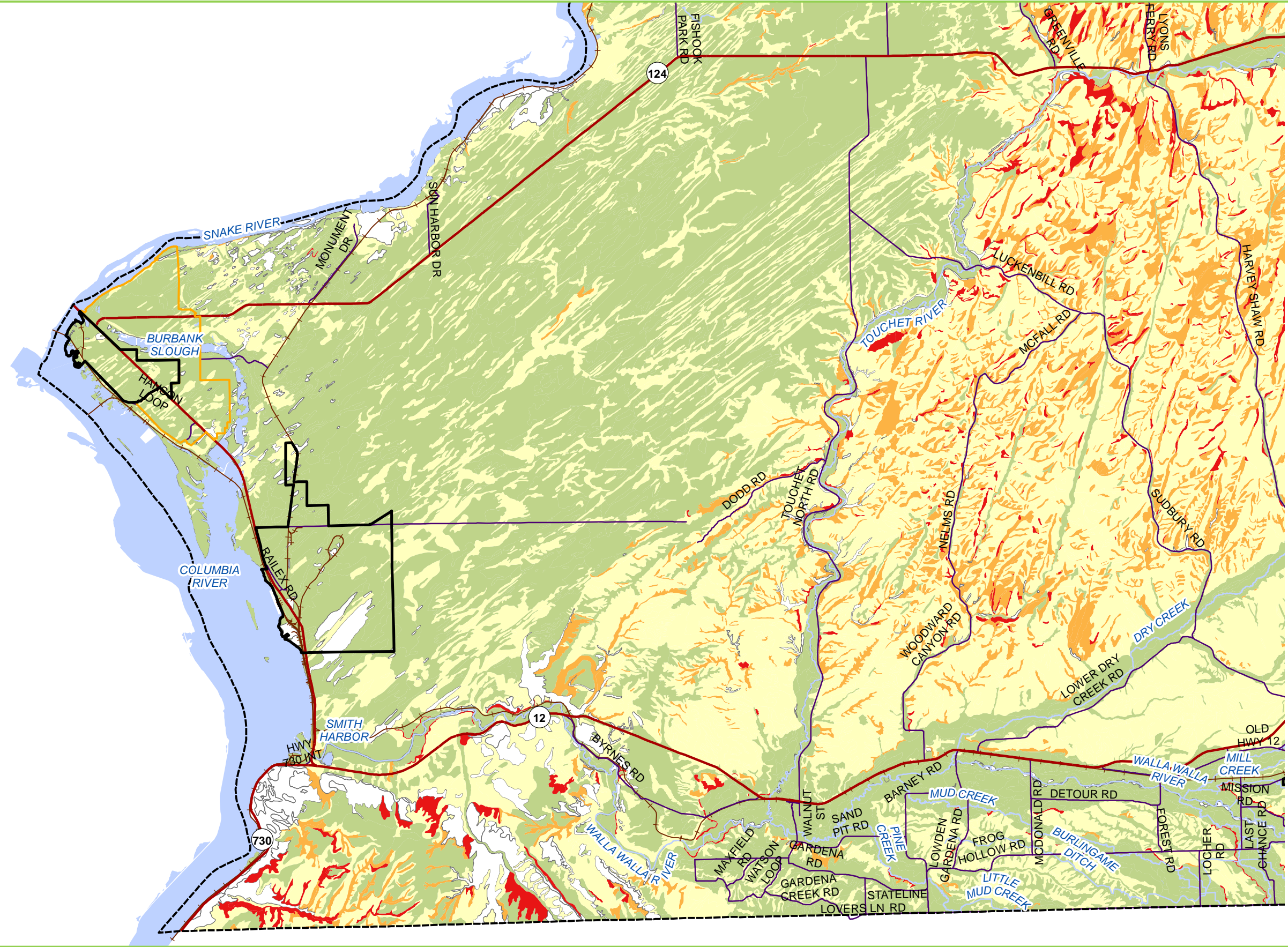


GEOLOGICALLY HAZARDOUS AREAS - Steep Slopes - Southwest County





EROSION HAZARD AREAS - Potential Soil Erosion Susceptibility - Southwest County



BASE MAP LAYERS

- County Boundary
- Urban Growth Area
- Burbank Rural Activity Center
- State Highway
- Public Road
- Railroads
- Streams
- Rivers/Water Bodies

POTENTIAL SOIL EROSION SUSCEPTIBILITY<sup>1</sup>

- Not rated
- Slight
- Moderate
- Severe<sup>2</sup>
- Very severe<sup>2</sup>

1. Defined as erosion hazard (off-road, off-trail), as mapped by the NRCS Web Soil Survey and based on slope and soil erosion factor K.  
2. Designated as Geologically Hazardous Area under Walla Walla County Code Chapter 18.08.

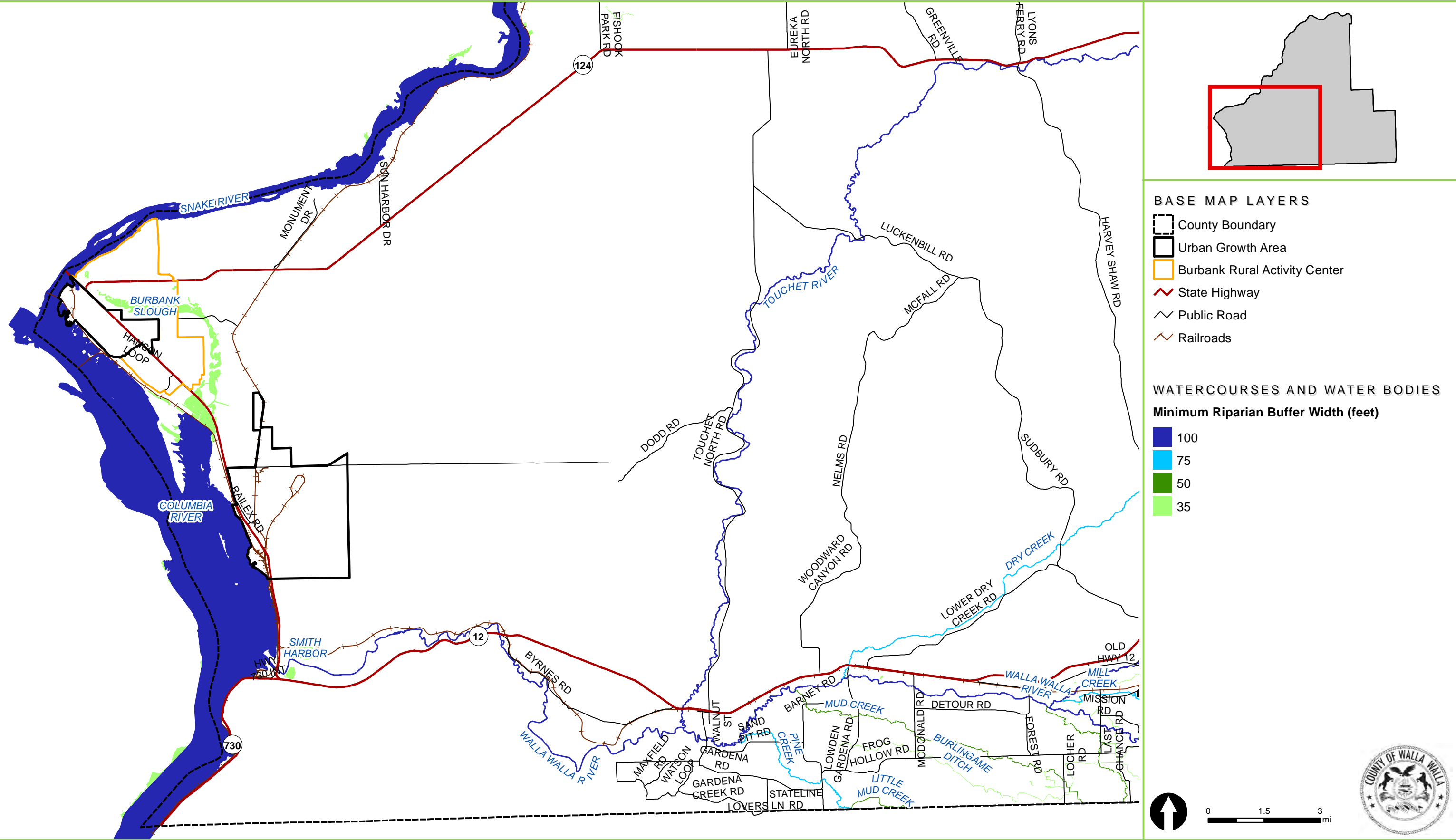


0 1.5 3 mi

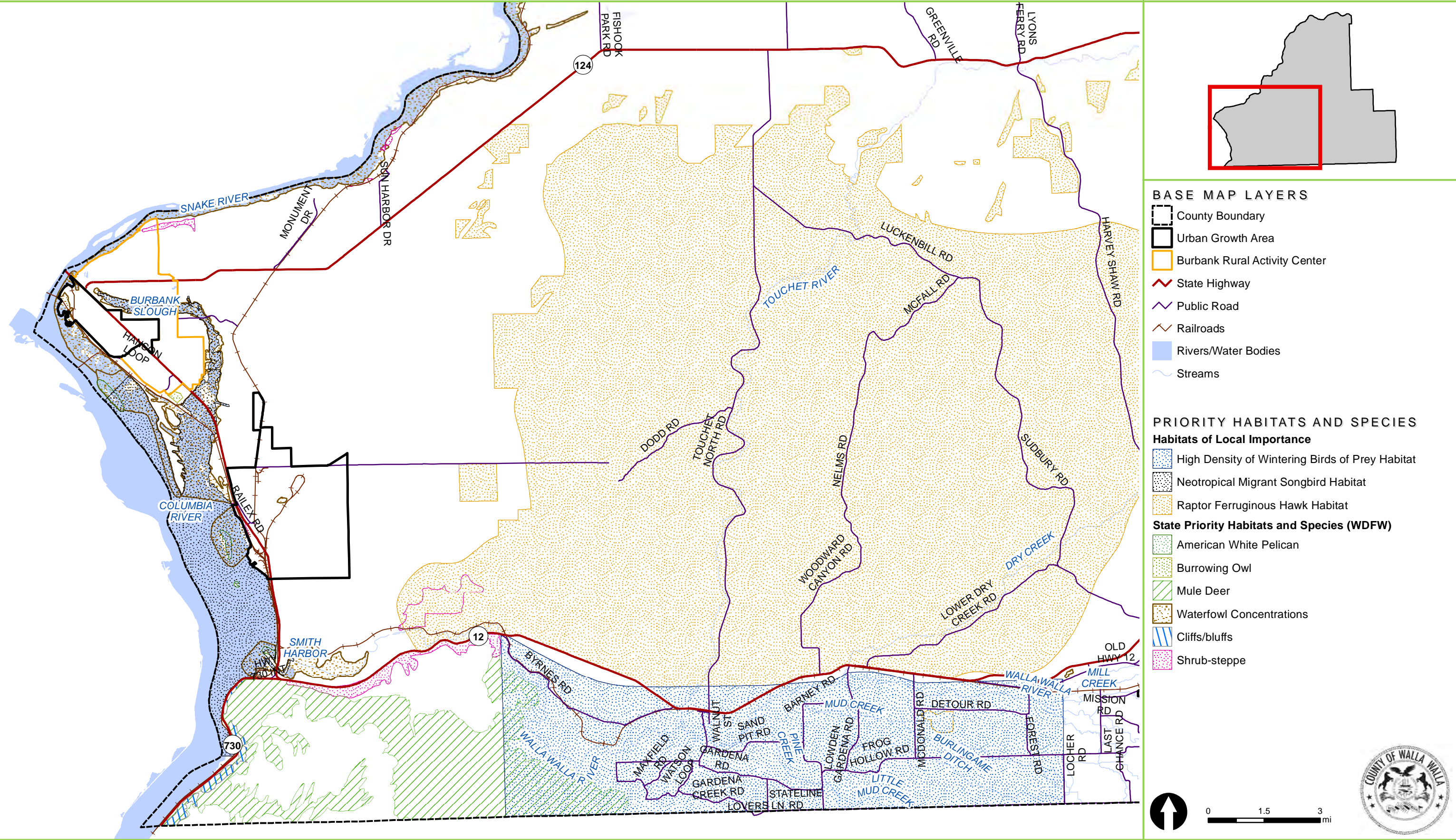




FISH AND WILDLIFE HABITAT CONSERVATION AREAS - Waters of the State - Southwest County



FISH AND WILDLIFE HABITAT CONSERVATION AREAS - Priority Habitats and Species - Southwest County



## **APPENDIX C**

### **Additional Information**

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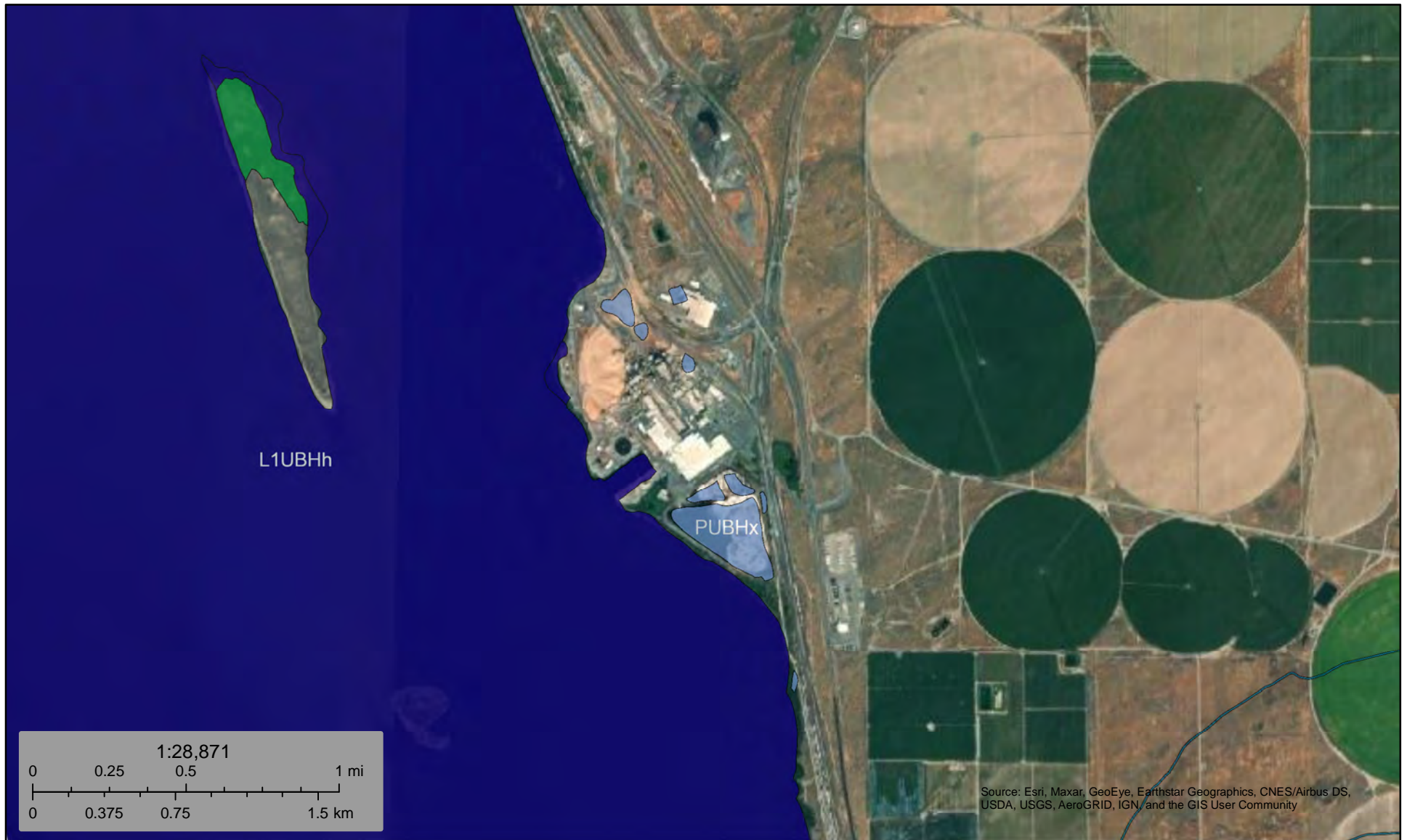




U.S. Fish and Wildlife Service

# National Wetlands Inventory

## PCA - Motor Storage Building



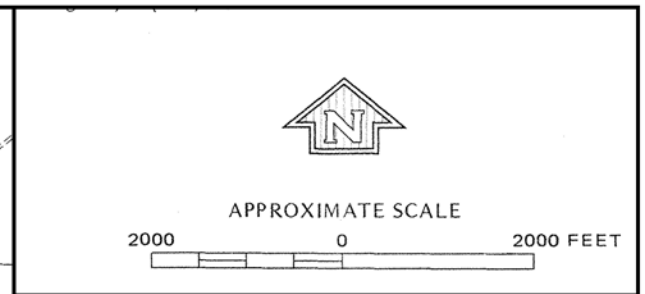
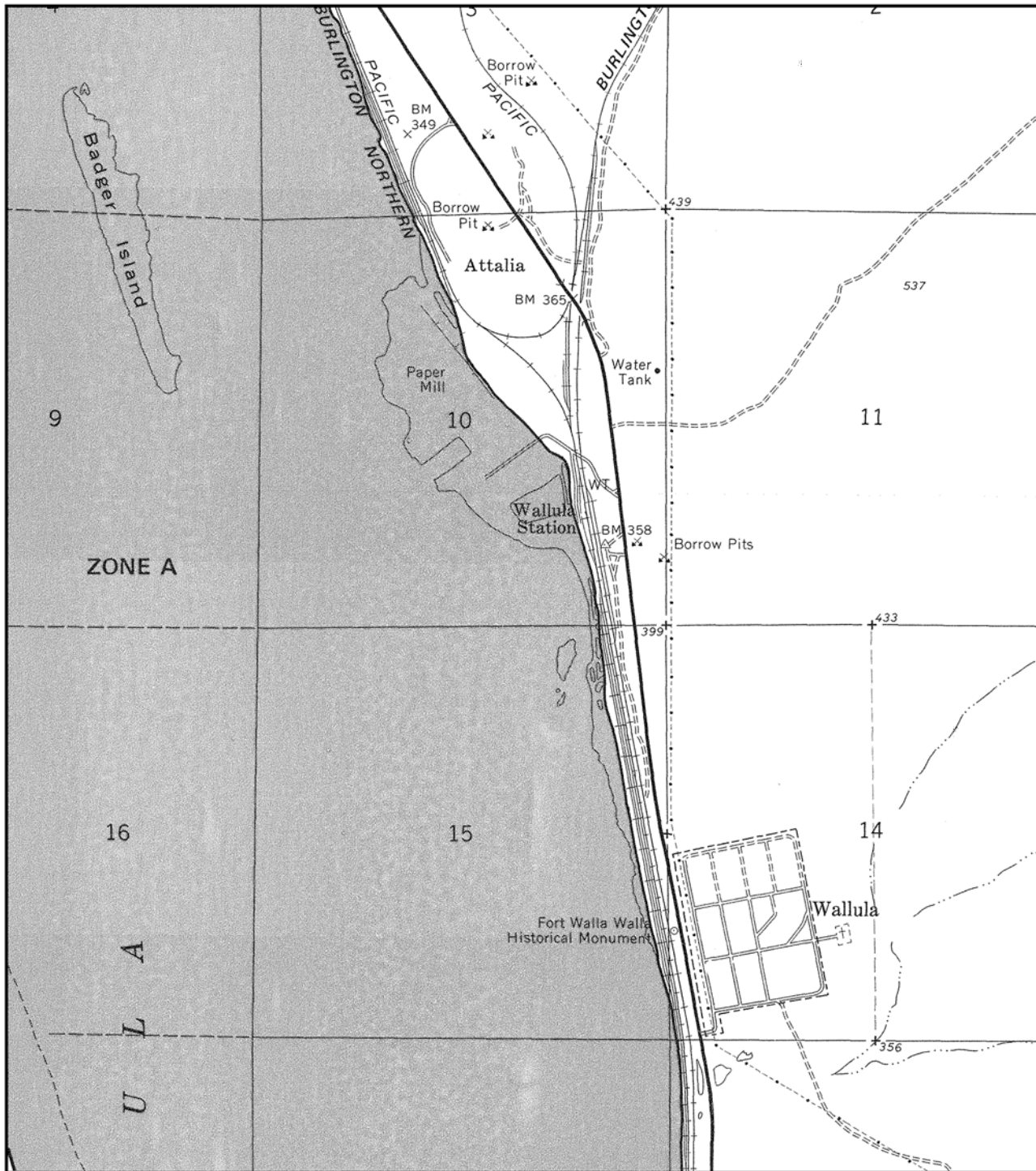
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

October 22, 2021

### Wetlands

	Estuarine and Marine Deepwater		Freshwater Emergent Wetland		Lake
	Estuarine and Marine Wetland		Freshwater Forested/Shrub Wetland		Other
			Freshwater Pond		Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



### KEY TO MAP

500-Year Flood Boundary	—————	<b>ZONE B</b>
100-Year Flood Boundary	—————	<b>ZONE A1</b>
Zone Designations*		<b>ZONE A5</b>
100-Year Flood Boundary	—————	<b>ZONE B</b>
500-Year Flood Boundary	—————	
Base Flood Elevation Line With Elevation In Feet**	~~~~~ 513 ~~~~~	
Base Flood Elevation In Feet Where Uniform Within Zone**	(EL 987)	
Elevation Reference Mark	RM7x	
Zone D Boundary	—————	
River Mile	•M1.5	

\*\*Referenced to the National Gendetic Vertical Datum of 1929

### \*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

### NOTES TO USER

This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.



# WASHINGTON STATE

## Joint Aquatic Resources Permit Application (JARPA) Form<sup>1,2</sup> [\[help\]](#)

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



US Army Corps  
of Engineers®  
Seattle District

AGENCY USE ONLY

Date received:

Agency reference #: \_\_\_\_\_

Tax Parcel #(s): \_\_\_\_\_  
\_\_\_\_\_

### Part 1—Project Identification

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

Packaging Corporation of America - Motor Storage Building

### Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Butkus, Paul

2b. Organization (If applicable)

Packaging Corporation of America (PCA)

2c. Mailing Address (Street or PO Box)

P.O. Box 138

2d. City, State, Zip

Wallula, Washington 99363

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(509) 545-3241

<sup>1</sup>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.
- 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.

<sup>2</sup>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](http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx).

## 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.) [\[help\]](#)

<b>3a.</b> Name (Last, First, Middle)			
Kurtz, Dana			
<b>3b.</b> Organization (If applicable)			
Anderson Perry & Associates, Inc. (AP)			
<b>3c.</b> Mailing Address (Street or PO Box)			
P.O. Box 1107			
<b>3d.</b> City, State, Zip			
La Grande, Oregon 97850			
<b>3e.</b> Phone (1)	<b>3f.</b> Phone (2)	<b>3g.</b> Fax	<b>3h.</b> E-mail
(541) 963-8309		(541) 963-5456	dkurtz@andersonperry.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.

<b>4a.</b> Name (Last, First, Middle)			
N/A			
<b>4b.</b> Organization (If applicable)			
N/A			
<b>4c.</b> Mailing Address (Street or PO Box)			
N/A			
<b>4d.</b> City, State, Zip			
N/A			
<b>4e.</b> Phone (1)	<b>4f.</b> Phone (2)	<b>4g.</b> Fax	<b>4h.</b> E-mail
N/A	N/A	N/A	N/A



## 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.

<b>5a.</b> Indicate the type of ownership of the property. (Check all that apply.) <a href="#">[help]</a>			
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete <a href="#">JARPA Attachment E</a> )			
<b>5b.</b> Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) <a href="#">[help]</a>			
31831 West Hwy 12			
<b>5c.</b> City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) <a href="#">[help]</a>			
Wallula, Washington 99363			
<b>5d.</b> County <a href="#">[help]</a>			
Walla Walla			
<b>5e.</b> Provide the section, township, and range for the project location. <a href="#">[help]</a>			
<b>¼ Section</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>
NE ¼ of the SW 1/4	10	7N	31E
<b>5f.</b> Provide the latitude and longitude of the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)</li> </ul>			
46.100581 N latitude / -118.920001 W longitude			
<b>5g.</b> List the tax parcel number(s) for the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>The local county assessor's office can provide this information.</li> </ul>			
310710130007, 310710130005			
<b>5h.</b> Contact information for all adjoining property owners. (If you need more space, use <a href="#">JARPA Attachment C.</a> ) <a href="#">[help]</a>			
<b>Name</b>	<b>Mailing Address</b>		<b>Tax Parcel # (if known)</b>
Union Pacific Railroad Company	1400 Douglas Street Stop 1640 Omaha, NE 68179		310710210001
State of Washington	2809 Rudkin Road Union Gap, WA 98903		310715110003,
BCT, Inc.	PO Box 990050 Boise, ID 83799		310710440007
USA GOVERNMENT	911 NE 11th Avenue Portland, OR 97232		310715110002

<b>5i.</b> List all wetlands on or adjacent to the project location. <a href="#">[help]</a>
Several artificially constructed ponds used for industrial purposes exist near the project site.
<b>5j.</b> List all waterbodies (other than wetlands) on or adjacent to the project location. <a href="#">[help]</a>
Columbia River
<b>5k.</b> Is any part of the project area within a 100-year floodplain? <a href="#">[help]</a>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>5l.</b> Briefly describe the vegetation and habitat conditions on the property. <a href="#">[help]</a>
The project site is almost entirely covered by existing industrial development. Riparian vegetation and habitat exist on the shoreline of the Columbia River. The river is located approximately 80 feet from the project area.
<b>5m.</b> Describe how the property is currently used. <a href="#">[help]</a>
The property is currently used as part of PCA's industrial complex for the manufacture of corrugated cardboard products.
<b>5n.</b> Describe how the adjacent properties are currently used. <a href="#">[help]</a>
Adjacent properties include public land owned by the State of Washington, Port of Walla Walla, and the U.S. Government. These lands are currently used for commerce and transportation. Private land owned by Union Pacific Railroad and local businesses is also adjacent to the project site, which is used for agriculture, commerce, and transportation.
<b>5o.</b> Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. <a href="#">[help]</a>
Structures on the property include various buildings and storage areas associated with pulp and paper processing.
<b>5p.</b> Provide driving directions from the closest highway to the project location, and attach a map. <a href="#">[help]</a>
Following U.S. Highway 12 West from Wallula, travel approximately 1 mile, turn left onto Boise Cascade Road., continue for 0.30 mile (see Figure 1 - Location and Vicinity Map).

## Part 6—Project Description

<b>6a.</b> Briefly summarize the overall project. You can provide more detail in 6b. <a href="#">[help]</a>
<p>PCA is proposing to construct a new 37,500-square foot metal storage building intended for motor storage purposes, with a partially paved and partially graveled adjacent laydown area near the western edge of the property. The building would be used as a storage and maintenance area with workbenches and mechanical tools. No chemicals or hazardous materials will be stored on site.</p> <p>The project would include removal of approximately 1.2 acres of existing landscaping. The existing septic system that serves the main office building would be relocated approximately 250 feet south to an existing landscaped area that would maintain a similar (approximately 500 foot) offset from the Columbia River shoreline. The relocated septic system would serve only the existing office building and not the proposed new motor storage building.</p>

Project construction and long-term operation would remain within PCA's existing footprint, with no new encroachment on the Columbia River shoreline. Maximum excavation depth for the project would be associated with relocating the septic system at approximately 8 feet below existing grade that is estimated to be 12 to 14 feet above normal groundwater levels. Maximum building height at the peak would be 27 feet above existing grade. The building would be approximately 150 feet long and 250 feet wide. Project activities would be phased by demolition, waste removal, and site preparation, followed by building construction, site grading, and surfacing of the adjacent parking/laydown area. The building would be equipped with a fire suppression system and HVAC system for climate control (see Figure 2, Site Plan).

The project disturbance limits would be approximately 80 feet south of PCA's existing barge slip facility on the Columbia River and approximately 125 feet east of the Columbia River natural shoreline. The total footprint where project disturbances are expected is approximately 2.0 acres.

Construction staging would be located within existing paved areas adjacent to the project site that will be used for storage of construction equipment and materials. The following figures and exhibits are also included in this Joint Aquatic Resources Permit Application:

Figure 1 – Location and Vicinity Map

Figure 2 – Site Plan

Exhibit A – Wetlands Map

Exhibit B – Endangered Species Act Species List

Exhibit C – Plan Sheets

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

The purpose of the proposed project is to create additional motor storage within the existing mill facility. It is important to store the motors in a climate-controlled building, and this new building will provide an adequate space for consolidating motor storage needed for PCA operations.

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

- |   |  |  |   |                                       |
|---|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Commercial  | <input type="checkbox"/> Residential               | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input type="checkbox"/> Recreational |
| <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> Environmental Enhancement |  |   |                                       |

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

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

☒ Other: Motor storage building with a partially paved and partially graveled adjacent laydown area.

<p><b>6e.</b> Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Identify where each element will occur in relation to the nearest waterbody.</li> <li>Indicate which activities are within the 100-year floodplain.</li> </ul> <p>The proposed improvements would be constructed using excavators, rollers, bulldozers, and other standard construction equipment. The project area, including staging, is entirely within the designated 100-year floodplain. However, the McNary pool of the Columbia River is controlled by the U.S. Army Corps of Engineers, and water elevations are artificially maintained to prevent flooding.</p> <p>Hydraulics for the McNary pool were most recently evaluated by West Consultants, Inc., in September 2011. A Letter of Map Revision 12-10-0991P, effective April 5, 2013, was developed from the McNary Dam upstream to the confluence of the Columbia and Snake Rivers. Hydraulic cross sections at the mill indicate the 100-year base flood elevation (BFE) would be approximately 344.15 feet (North American Vertical Datum of 1988 [NAVD88]). The existing ground elevation at the mill site is generally flat and slopes toward the river. Elevations of the existing ground at the mill range from approximately 363 feet to 348 feet NAVD88. The entire mill site is above the 100-year BFE.</p> <p>The project is approximately 80 feet south of the Columbia River at PCA's existing barge slip, and 125 feet east of the Columbia River natural shoreline. Best management practices (BMP) will be implemented to ensure construction activities and equipment remain isolated from adjacent waterbodies.</p>
<p><b>6f.</b> What are the anticipated start and end dates for project construction? (Month/Year) <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If the project will be constructed in phases or stages, use <a href="#">JARPA Attachment D</a> to list the start and end dates of each phase or stage.</li> </ul> <p>Start Date: <u>March 1, 2021</u>      End Date: <u>March 1, 2022</u>      <input type="checkbox"/> See JARPA Attachment D</p>
<p><b>6g.</b> Fair market value of the project, including materials, labor, machine rentals, etc. <a href="#">[help]</a></p> <p>N/A</p>
<p><b>6h.</b> Will any portion of the project receive federal funding? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If <b>yes</b>, list each agency providing funds.</li> </ul> <p><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No    <input type="checkbox"/> Don't know</p>

## 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.) [\[help\]](#)

<p><b>7a.</b> Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. <a href="#">[help]</a></p> <p><input checked="" type="checkbox"/> Not applicable</p> <p>No wetlands are present in or near the project site (see Exhibit A, Wetlands Map).</p>
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<b>7b. Will the project impact wetlands?</b> <a href="#">[help]</a>						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know						
<b>7c. Will the project impact wetland buffers?</b> <a href="#">[help]</a>						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know						
<b>7d. Has a wetland delineation report been prepared?</b> <a href="#">[help]</a>						
<ul style="list-style-type: none"> <li><b>If Yes</b>, submit the report, including data sheets, with the JARPA package.</li> </ul>						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
<b>7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System?</b> <a href="#">[help]</a>						
<ul style="list-style-type: none"> <li><b>If Yes</b>, submit the wetland rating forms and figures with the JARPA package.</li> </ul>						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know						
<b>7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands?</b> <a href="#">[help]</a>						
<ul style="list-style-type: none"> <li><b>If Yes</b>, submit the plan with the JARPA package and answer 7g.</li> <li><b>If No, or Not applicable</b>, explain below why a mitigation plan should not be required.</li> </ul>						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know						
N/A						
<b>7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan.</b> <a href="#">[help]</a>						
N/A						
<b>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.</b> <a href="#">[help]</a>						
Activity (fill, drain, excavate, flood, etc.)	Wetland Name <sup>1</sup>	Wetland type and rating category <sup>2</sup>	Impact area (sq. ft. or Acres)	Duration of impact <sup>3</sup>	Proposed mitigation type <sup>4</sup>	Wetland mitigation area (sq. ft. or acres)
N/A	N/A	N/A	N/A	N/A	N/A	N/A
<sup>1</sup> 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. <sup>2</sup> Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package. <sup>3</sup> Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable. <sup>4</sup> 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. [\[help\]](#)

N/A

**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. [\[help\]](#)

N/A

## 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

The proposed project is not anticipated to adversely affect nearby aquatic environments. The shoreline of the Columbia River is approximately 80 feet away and separated by PCA’s barge slip to the north, and natural Columbia River shoreline is 125 feet west of the project area. Standard BMPs would include temporary sediment and erosion control measures to be implemented as needed. There is significant stormwater infrastructure including an earthen berm that are located permanently on the PCA property to protect the aquatic environment. There will be no fill or removal to the aquatic environment as a result of this project.

**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 ☐ Don’t know

No mitigation is anticipated for the proposed project, as no short- or long-term river health impacts are anticipated to occur as a result of the project. There is no fill or removal in the river for this project.

**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. [\[help\]](#)

N/A

8e. Summarize impact(s) to each waterbody in the table below. <a href="#">[help]</a>					
Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name <sup>1</sup>	Impact location <sup>2</sup>	Duration of impact <sup>3</sup>	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
N/A	N/A	N/A	N/A	N/A	N/A
<sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> 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. <a href="#">[help]</a>					
N/A					
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. <a href="#">[help]</a>					
N/A					

## 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. <a href="#">[help]</a>			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
Walla Walla County	Lauren Prentice	(509) 524-2620	9/19/2021
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? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>If <b>Yes</b>, list the parameter(s) below.</li> <li>If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <a href="https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d">https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d</a>.</li> </ul>			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
The Columbia River (Lake Wallula) is 303-d listed for Temperature (Category 4A) and Polychlorinated Biphenyls (PCBs), Alpha-BHC, Toxaphene, Aldrin, 4,4'-DDD, 4,4'-DDE, Beta-BHC, Thallium, Chlordane, Dieldrin, Heptachlor, Heptachlor Epoxide, Methyl mercury (Category 5).			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Go to <a href="http://cfpub.epa.gov/surf/locate/index.cfm">http://cfpub.epa.gov/surf/locate/index.cfm</a> to help identify the HUC.</li> </ul>			
(HUC12) 170701010103			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up">https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up</a> to find the WRIA #.</li> </ul>			
32			



<p><b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria">https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria</a> for the standards.</li> </ul>
<p><input type="checkbox"/> Yes   <input type="checkbox"/> No   <input checked="" type="checkbox"/> Not applicable</p>
<p><b>9f.</b> If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If you don't know, contact the local planning department.</li> <li>For more information, go to: <a href="https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases">https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases</a>.</li> </ul>
<p><input type="checkbox"/> Urban   <input type="checkbox"/> Natural   <input type="checkbox"/> Aquatic   <input type="checkbox"/> Conservancy   <input checked="" type="checkbox"/> Other: <u>High Intensity</u></p>
<p><b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/forest-practices-water-typing">http://www.dnr.wa.gov/forest-practices-water-typing</a> for the Forest Practices Water Typing System.</li> </ul>
<p><input checked="" type="checkbox"/> Shoreline   <input checked="" type="checkbox"/> Fish   <input type="checkbox"/> Non-Fish Perennial   <input type="checkbox"/> Non-Fish Seasonal</p>
<p><b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If No</b>, provide the name of the manual your project is designed to meet.</li> </ul>
<p><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No</p>
<p>Name of manual: _____</p>
<p><b>9i.</b> Does the project site have known contaminated sediment? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, please describe below.</li> </ul>
<p><input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No</p>
<p> </p>
<p><b>9j.</b> If you know what the property was used for in the past, describe below. <a href="#">[help]</a></p>
<p>The property has been the location for the current wood pulp and paper products mill for over 70 years.</p>
<p><b>9k.</b> Has a cultural resource (archaeological) survey been performed on the project area? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, attach it to your JARPA package.</li> </ul>
<p><input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No</p>

**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. [\[help\]](#)

The U.S. Fish and Wildlife Service lists the following endangered and threatened species for the project area:

- Columbia River distinct population segment (DPS) bull trout (*Salvelinus confluentus*)
- Western U.S. DPS yellow-billed cuckoo (*Coccyzus americanus*)

The National Marine Fisheries Service lists the following species as occurring in the project vicinity:

- Snake River fall-run, Snake River spring/summer-run, and Upper Columbia River spring-run evolutionary significant unit Chinook salmon (*Oncorhynchus tshawytscha*)
- Snake River Basin, Upper Columbia River, and Middle Columbia River DPS steelhead (*Oncorhynchus mykiss*)
- Snake River Basin DPS sockeye salmon (*Oncorhynchus nerka*)

See Exhibit B, Endangered Species Act Species Lists.

**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 Washington Department of Fish & Wildlife Priority Habitats and Species (PHS) website identifies occurrences of Ferruginous hawk (Washington State listed Threatened) within the project area. Other listed species that occur in the vicinity of the project area, including the Columbia River and nearby upland areas, include bull trout, steelhead, Chinook salmon, sockeye salmon, chum salmon, white sturgeon, coho salmon, and pink salmon. This area is used for migration for these species. In addition, Ferruginous hawk and American white pelican breeding area is located in the project vicinity (within the Columbia River). A waterfowl concentration and ring-necked pheasant concentration is listed for the area as well.

## 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.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or [help@oria.wa.gov](mailto:help@oria.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 <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

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

☒ A SEPA determination is pending with Walla Walla County (lead agency). The expected decision date is November 28, 2021.

☐ 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](#)

**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    ☐ Non-Federally Regulated Waters

**FEDERAL AND TRIBAL GOVERNMENT**

**United States Department of the Army (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:**

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: [d13-pf-d13bridges@uscg.mil](mailto:d13-pf-d13bridges@uscg.mil)

- ☐ Bridge Permit    ☐ Private Aids to Navigation (or other non-bridge permits)

**United States Environmental Protection Agency:**

- ☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

**Tribal Permits:** (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

- ☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

## 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. Paul (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. Paul (initial)

Paul Butkus

Applicant Printed Name

Applicant Signature

Date

11-12-21

### 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.

Dana Kurtz

Authorized Agent Printed Name

Authorized Agent Signature

Date

November 16, 2021

### 11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

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.

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 for Regulatory Innovation and Assistance (ORIA) 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. ORIA publication number: ORIA-16-011 rev. 09/2018

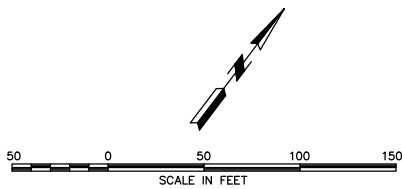
## FIGURES

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**apanderson  
perry**  
& associates, inc.

**PACKAGING CORPORATION OF AMERICA  
MOTOR STORAGE BUILDING**

**SITE PLAN**

**FIGURE**

**2**

# **EXHIBIT A**

## **Wetlands Map**

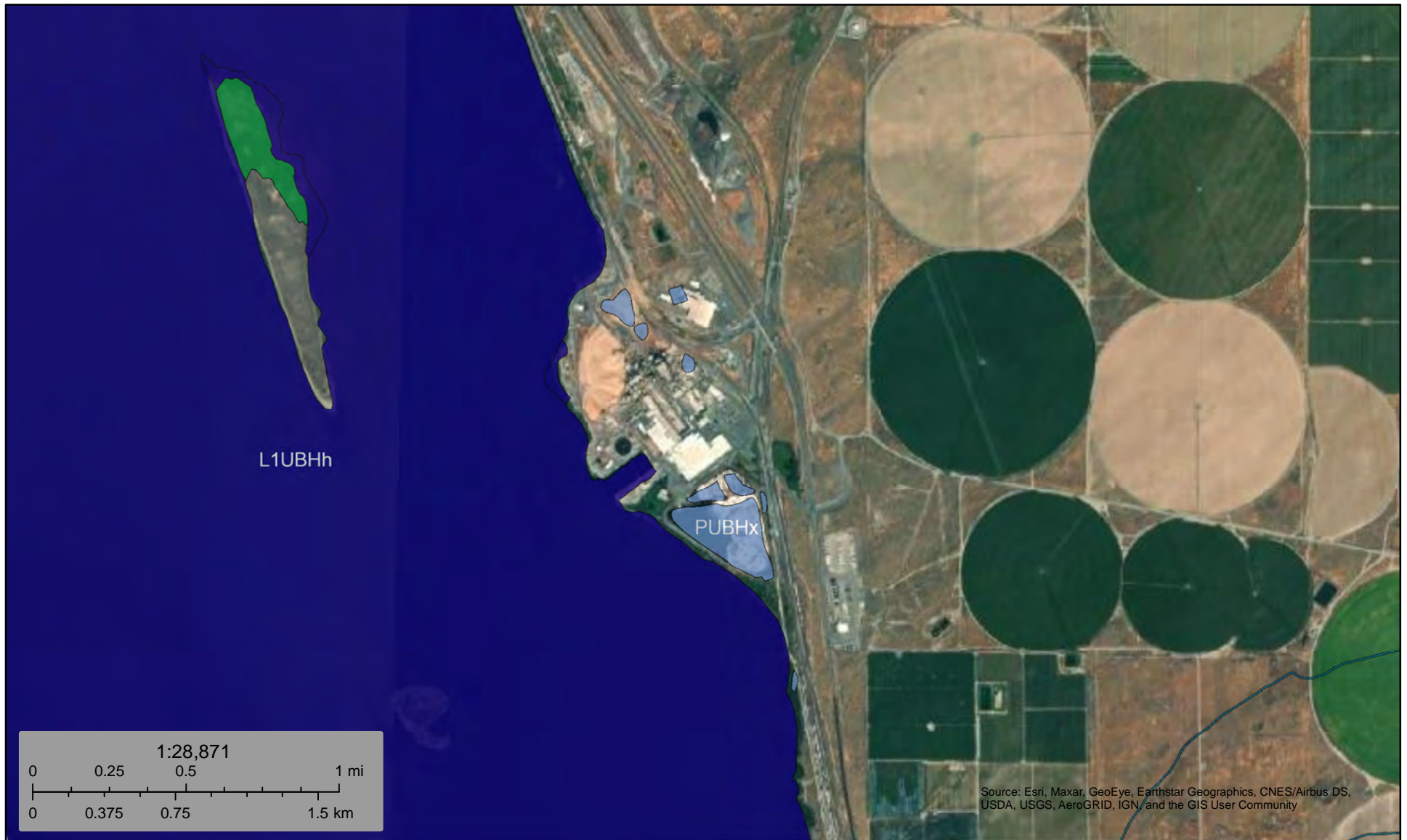
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U.S. Fish and Wildlife Service

# National Wetlands Inventory

## PCA - Motor Storage Building



October 22, 2021

### Wetlands

	Estuarine and Marine Deepwater		Freshwater Emergent Wetland		Lake
	Estuarine and Marine Wetland		Freshwater Forested/Shrub Wetland		Other
	Freshwater Pond		Riverine		

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

**EXHIBIT B**  
**Endangered Species Act Species Lists**





## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Washington Fish And Wildlife Office  
510 Desmond Drive Se, Suite 102  
Lacey, WA 98503-1263  
Phone: (360) 753-9440 Fax: (360) 753-9405  
<http://www.fws.gov/wafwo/>

In Reply Refer To:

October 22, 2021

Consultation Code: 01EWF00-2022-SLI-0088

Event Code: 01EWF00-2022-E-00256

Project Name: PCA - Motor Storage Building

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated and proposed critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. The species list is currently compiled at the county level. Additional information is available from the Washington Department of Fish and Wildlife, Priority Habitats and Species website: <http://wdfw.wa.gov/mapping/phs/> or at our office website: [http://www.fws.gov/wafwo/species\\_new.html](http://www.fws.gov/wafwo/species_new.html). Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether or not the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species, and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). You may visit our website at <http://www.fws.gov/pacific/eagle/for> information on disturbance or take of the species and information on how to get a permit and what current guidelines and regulations are. Some projects affecting these species may require development of an eagle conservation plan: ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Also be aware that all marine mammals are protected under the Marine Mammal Protection Act (MMPA). The MMPA prohibits, with certain exceptions, the "take" of marine mammals in U.S. waters and by U.S. citizens on the high seas. The importation of marine mammals and marine mammal products into the U.S. is also prohibited. More information can be found on the MMPA website: <http://www.nmfs.noaa.gov/pr/laws/mmpa/>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Related website:

National Marine Fisheries Service: [http://www.nwr.noaa.gov/protected\\_species/species\\_list/species\\_lists.html](http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html)

Attachment(s):

- Official Species List
-



## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Washington Fish And Wildlife Office**

510 Desmond Drive Se, Suite 102

Lacey, WA 98503-1263

(360) 753-9440

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## Project Summary

Consultation Code: 01EWF00-2022-SLI-0088

Event Code: Some(01EWF00-2022-E-00256)

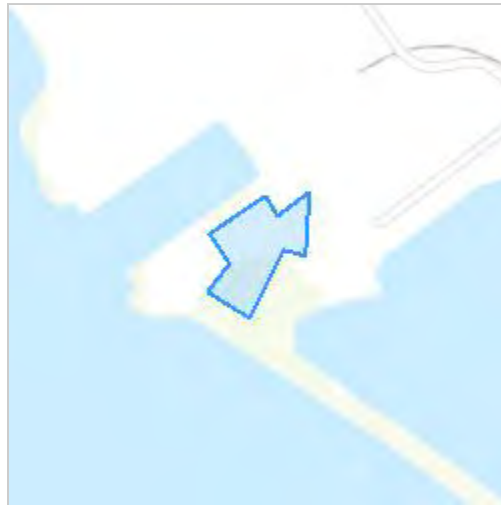
Project Name: PCA - Motor Storage Building

Project Type: \*\* OTHER \*\*

Project Description: PCA - Motor Storage Building

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@46.10050805,-118.92012925282293,14z>



Counties: Walla Walla County, Washington

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## Endangered Species Act Species

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## Birds

NAME	STATUS
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. Species profile: <a href="https://ecos.fws.gov/ecp/species/3911">https://ecos.fws.gov/ecp/species/3911</a>	Threatened

## Fishes

NAME	STATUS
Bull Trout <i>Salvelinus confluentus</i> Population: U.S.A., conterminous, lower 48 states There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. Species profile: <a href="https://ecos.fws.gov/ecp/species/8212">https://ecos.fws.gov/ecp/species/8212</a>	Threatened

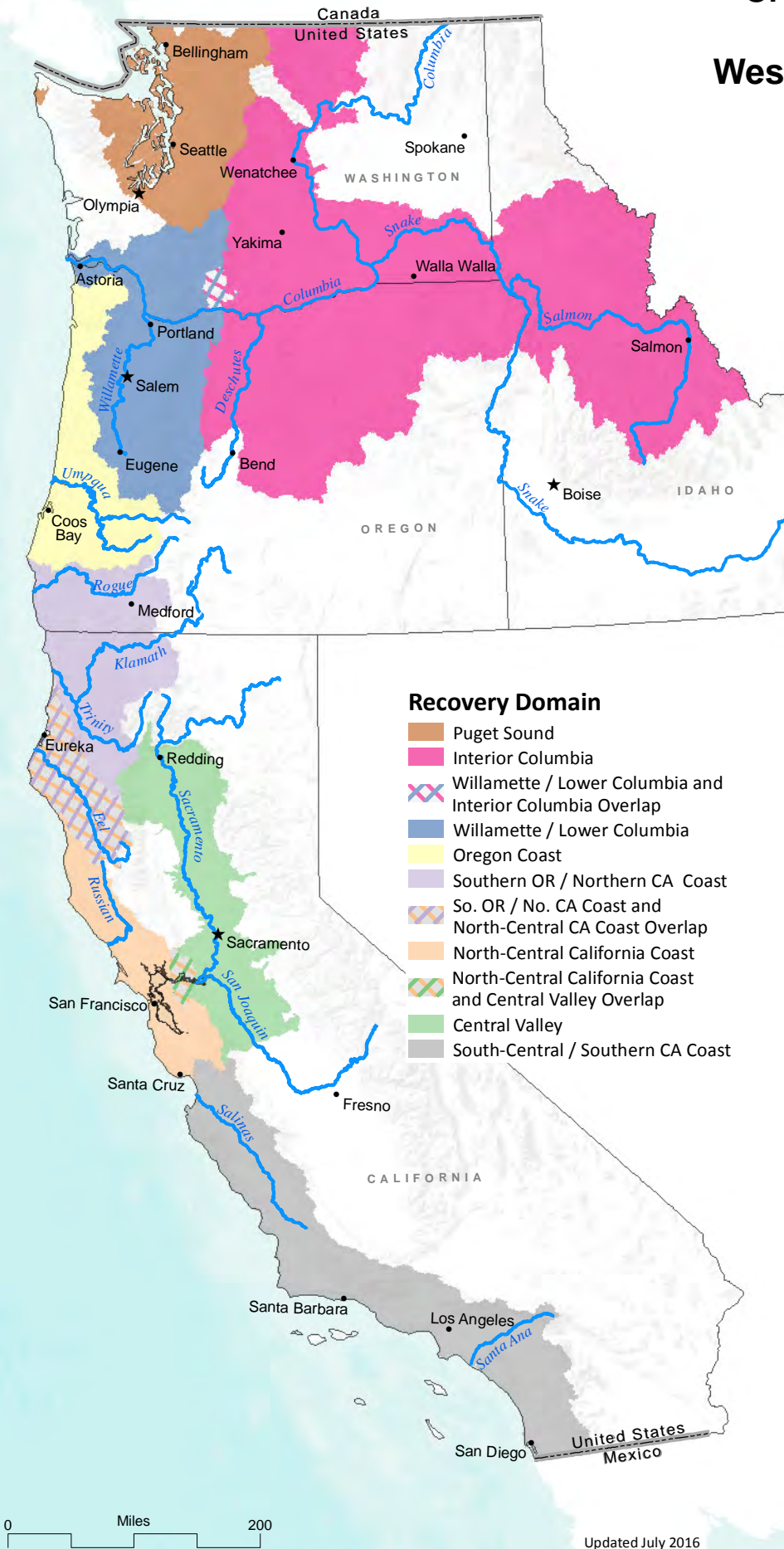
## Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

# Status of ESA Listings & Critical Habitat Designations for West Coast Salmon & Steelhead



Evolutionarily Significant Unit / Distinct Population Segment	ESA Status	Date of ESA Listing	Date of CH Designation
<b>Puget Sound Recovery Domain</b>			
Hood Canal Summer-run Chum Salmon	T	3/25/1999	9/2/2005
Ozette Lake Sockeye Salmon	T	3/25/1999	9/2/2005
Puget Sound Chinook Salmon	T	3/24/1999	9/2/2005
Puget Sound Steelhead	T	5/11/2007	2/24/2016

<b>Interior Columbia Recovery Domain</b>			
Middle Columbia River Steelhead	T	3/25/1999 1/5/2006	9/2/2005
Snake River Fall-run Chinook Salmon	T	4/22/1992	12/28/1993
Snake River Spring / Summer-run Chinook Salmon	T	4/22/1992	10/25/1999
Snake River Sockeye Salmon	E	11/20/1991	12/28/1993
Snake River Steelhead	T	8/18/1997 1/5/2006	9/2/2005
Upper Columbia River Spring-run Chinook Salmon	E	3/24/1999	9/2/2005
Upper Columbia River Steelhead	T	8/18/1997 1/5/2006	9/2/2005

<b>Willamette / Lower Columbia Recovery Domain</b>			
Columbia River Chum Salmon	T	3/25/1999	9/2/2005
Lower Columbia River Chinook Salmon	T	3/24/1999	9/2/2005
Lower Columbia River Coho Salmon	T	6/28/2005	2/24/2016
Lower Columbia River Steelhead	T	3/19/1998 1/5/2006	9/2/2005
Upper Willamette River Chinook Salmon	T	3/24/1999	9/2/2005
Upper Willamette River Steelhead	T	3/25/1999 1/5/2006	9/2/2005

<b>Oregon Coast Recovery Domain</b>			
Oregon Coast Coho Salmon	T	2/11/2008	2/11/2008

<b>Southern Oregon / Northern California Coast Recovery Domain</b>			
Southern OR / Northern CA Coasts Coho Salmon	T	5/6/1997	5/5/1999

<b>North-Central California Coast Recovery Domain</b>			
California Coastal Chinook Salmon	T	9/16/1999	9/2/2005
Central California Coast Coho Salmon	E	10/31/1996 (T) 6/28/2005 (E) 4/2/2012 (RE)	5/5/1999
Central California Coast Steelhead	T	8/18/1997 1/5/2006	9/2/2005
Northern California Steelhead	T	6/7/2000 1/5/2006	9/2/2005

<b>Central Valley Recovery Domain</b>			
California Central Valley Steelhead	T	3/19/1998 1/5/2006	9/2/2005
Central Valley Spring-run Chinook Salmon	T	9/16/1999	9/2/2005
Sacramento River Winter-run Chinook Salmon	E	11/5/1990 (T) 1/4/1994 (E)	6/16/1993

<b>South-Central / Southern California Coast Recovery Domain</b>			
South-Central California Coast Steelhead	T	8/18/1997 1/5/2006	9/2/2005
Southern California Steelhead	E	8/18/1997 5/1/2002 (RE) 1/5/2006	9/2/2005

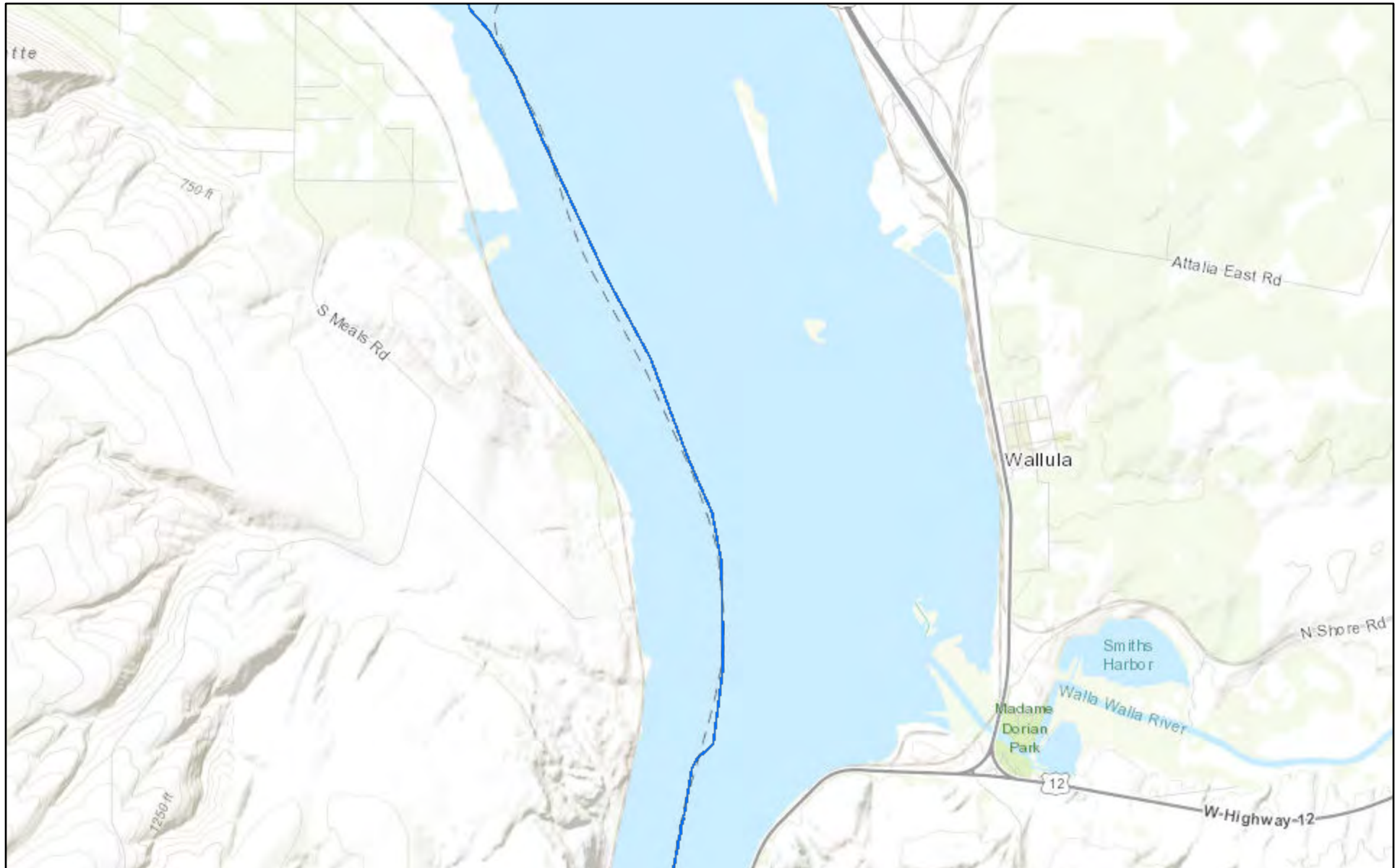
#### Critical Habitat Rules Cited

- 2/24/2016 (81 FR 9252) Final Critical Habitat Designation for Puget Sound Steelhead and Lower Columbia River Coho Salmon
- 2/11/2008 (73 FR 7816) Final Critical Habitat Designation for Oregon Coast Coho Salmon
- 9/2/2005 (70 FR 52630) Final Critical Habitat Designation for 12 ESU's of Salmon and Steelhead in WA, OR, and ID
- 9/2/2005 (70 FR 52488) Final Critical Habitat Designation for 7 ESU's of Salmon and Steelhead in CA
- 10/25/1999 (64 FR 57399) Revised Critical Habitat Designation for Snake River Spring/Summer-run Chinook Salmon
- 5/5/1999 (64 FR 24049) Final Critical Habitat Designation for Central CA Coast and Southern OR/Northern CA Coast Coho Salmon
- 12/28/1993 (58 FR 68543) Final Critical Habitat Designation for Snake River Chinook and Sockeye Salmon
- 6/16/1993 (58 FR 33212) Final Critical Habitat Designation for Sacramento River Winter-run Chinook Salmon

#### ESA Listing Rules Cited

- 4/2/2012 (77 FR 19552) Final Range Extension for Endangered Central California Coast Coho Salmon
- 2/11/2008 (73 FR 7816) Final ESA Listing for Oregon Coast Coho Salmon
- 5/11/2007 (72 FR 26722) Final ESA Listing for Puget Sound Steelhead
- 1/5/2006 (71 FR 5248) Final Listing Determinations for 10 Distinct Population Segments of West Coast Steelhead
- 6/28/2005 (70 FR 37160) Final ESA Listing for 16 ESU's of West Coast Salmon
- 5/1/2002 (67 FR 21586) Range Extension for Endangered Steelhead in Southern California
- 6/7/2000 (65 FR 36074) Final ESA Listing for Northern California Steelhead
- 9/16/1999 (64 FR 50394) Final ESA Listing for Two Chinook Salmon ESUs in California
- 3/25/1999 (64 FR 14508) Final ESA Listing for Hood River Canal Summer-run and Columbia River Chum Salmon
- 3/25/1999 (64 FR 14517) Final ESA Listing for Middle Columbia River and Upper Willamette River Steelhead
- 3/25/1999 (64 FR 14528) Final ESA Listing for Ozette Lake Sockeye Salmon
- 3/24/1999 (64 FR 14308) Final ESA Listing for 4 ESU's of Chinook Salmon
- 3/19/1998 (63 FR 13347) Final ESA Listing for Lower Columbia River and Central Valley Steelhead
- 8/18/1997 (62 FR 43937) Final ESA Listing for 5 ESU's of Steelhead
- 5/6/1997 (62 FR 24588) Final ESA Listing for Southern Oregon / Northern California Coast Coho Salmon
- 10/31/1996 (61 FR 56138) Final ESA Listing for Central California Coast Coho Salmon
- 1/4/1994 (59 FR 222) Final ESA Listing for Sacramento River Winter-run Chinook Salmon
- 4/22/1992 (57 FR 14653) Final ESA Listing for Snake River Spring/summer-run and Snake River Fall Chinook Salmon
- 11/20/1991 (56 FR 58619) Final ESA Listing for Snake River Sockeye Salmon
- 11/5/1990 (55 FR 46515) Final ESA Listing for Sacramento River Winter-run Chinook Salmon

# Sockeye Salmon



10/22/2021, 10:08:47 AM

- Columbia Basin Boundary    — Rearing and migration    — Year-round use  
Sockeye Salmon    — Spawning and rearing    — Unknown  
— Migration only

1:72,224

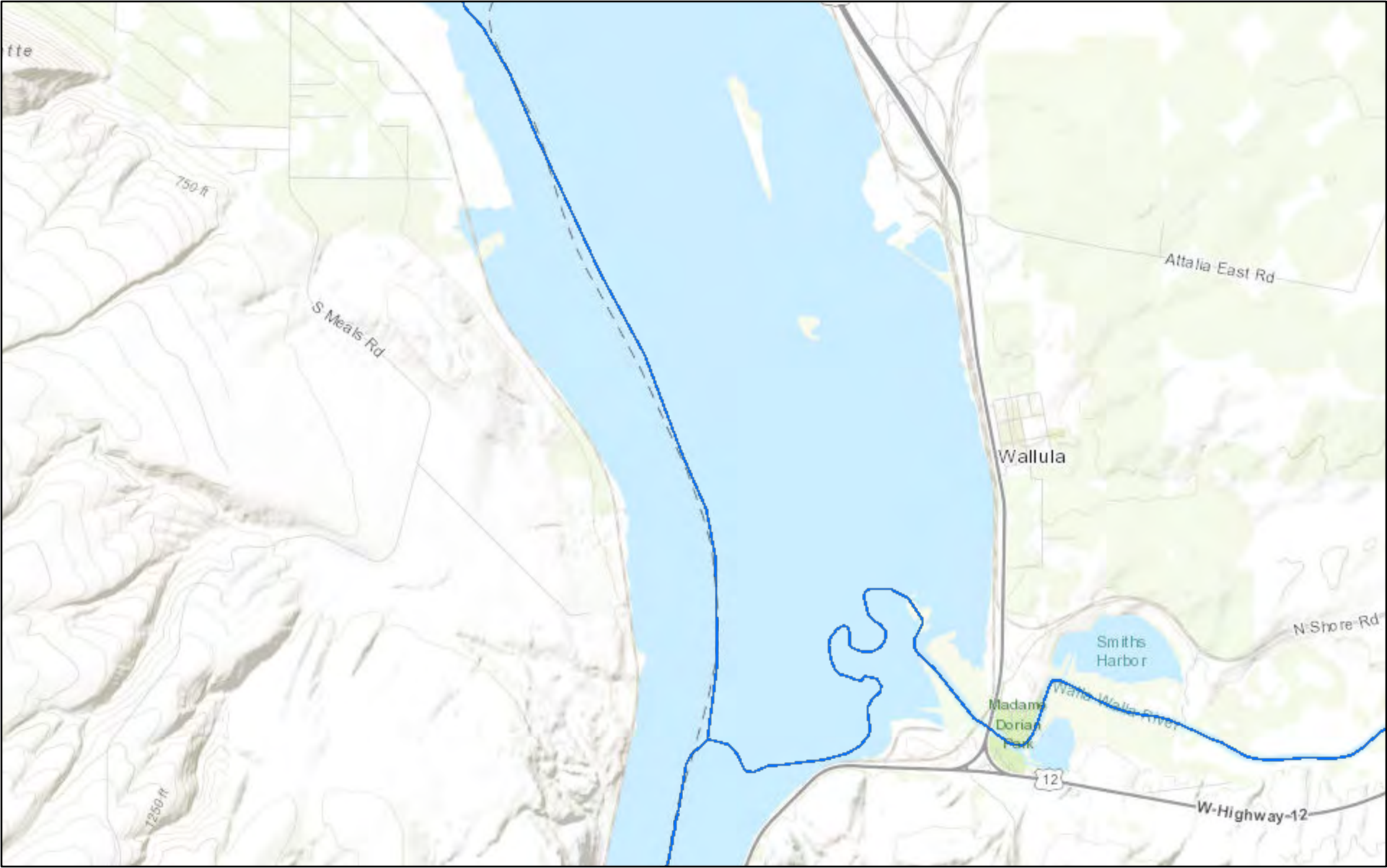
0 0.42 0.85 1.7 mi  
0 0.5 1 2 km

PSMFC GIS, Bureau of Land Management, State of Oregon, State of Oregon

web user  
StreamNet, Pacific States Marine Fisheries Commission



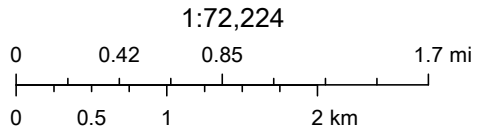
# StreamNet



10/22/2021, 10:06:48 AM

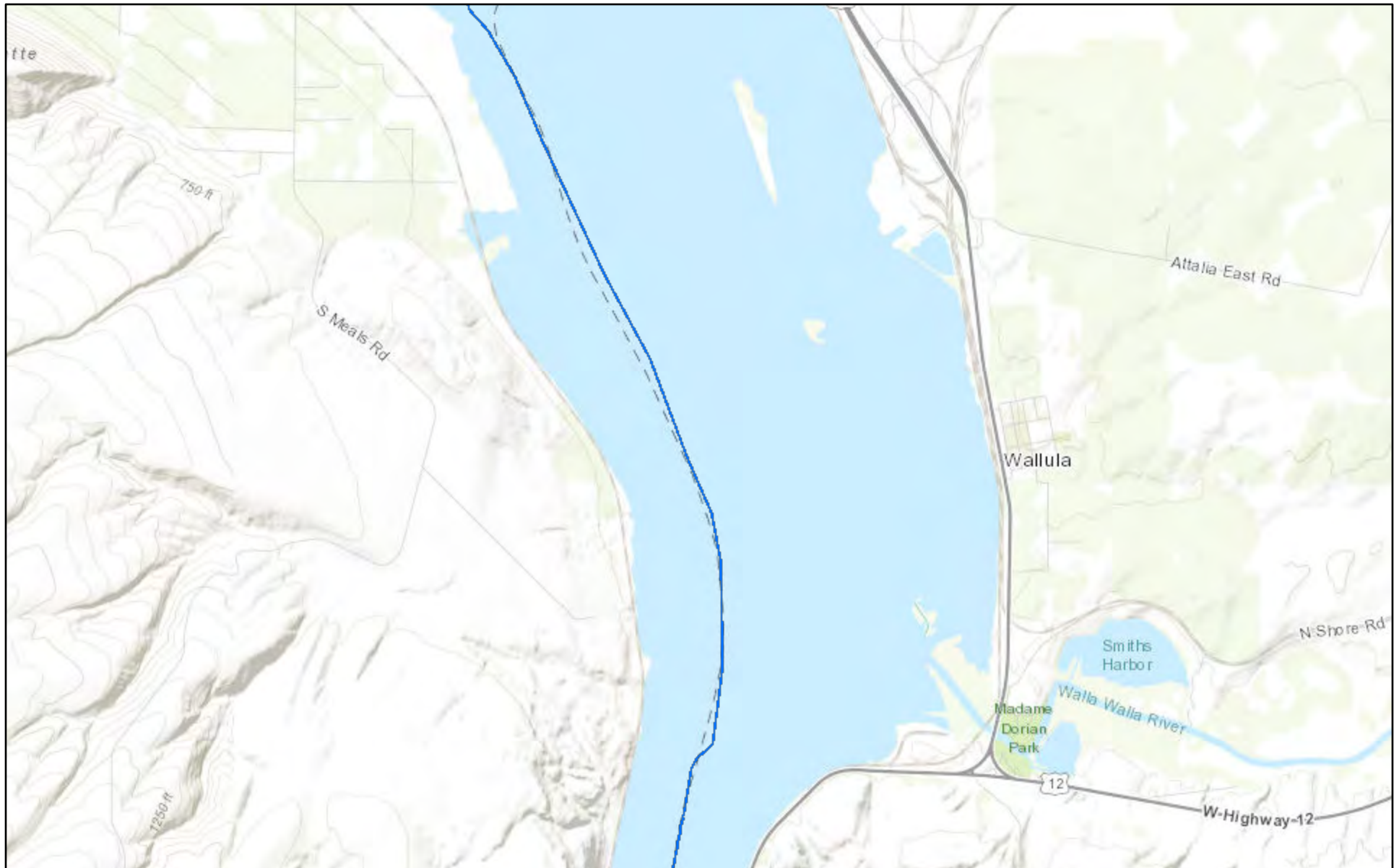
- Columbia Basin Boundary
- Rearing and migration
- Unknown
- Spawning and rearing
- Migration only

Spring Chinook





PSMFC GIS, Bureau of Land Management, State of Oregon, State of Oregon


# Summer Chinook




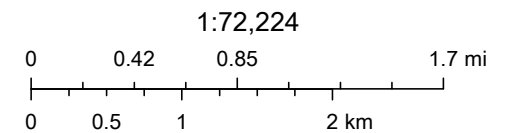
10/22/2021, 10:07:29 AM

 Columbia Basin Boundary Summer Chinook

 Migration only

 Rearing and migration

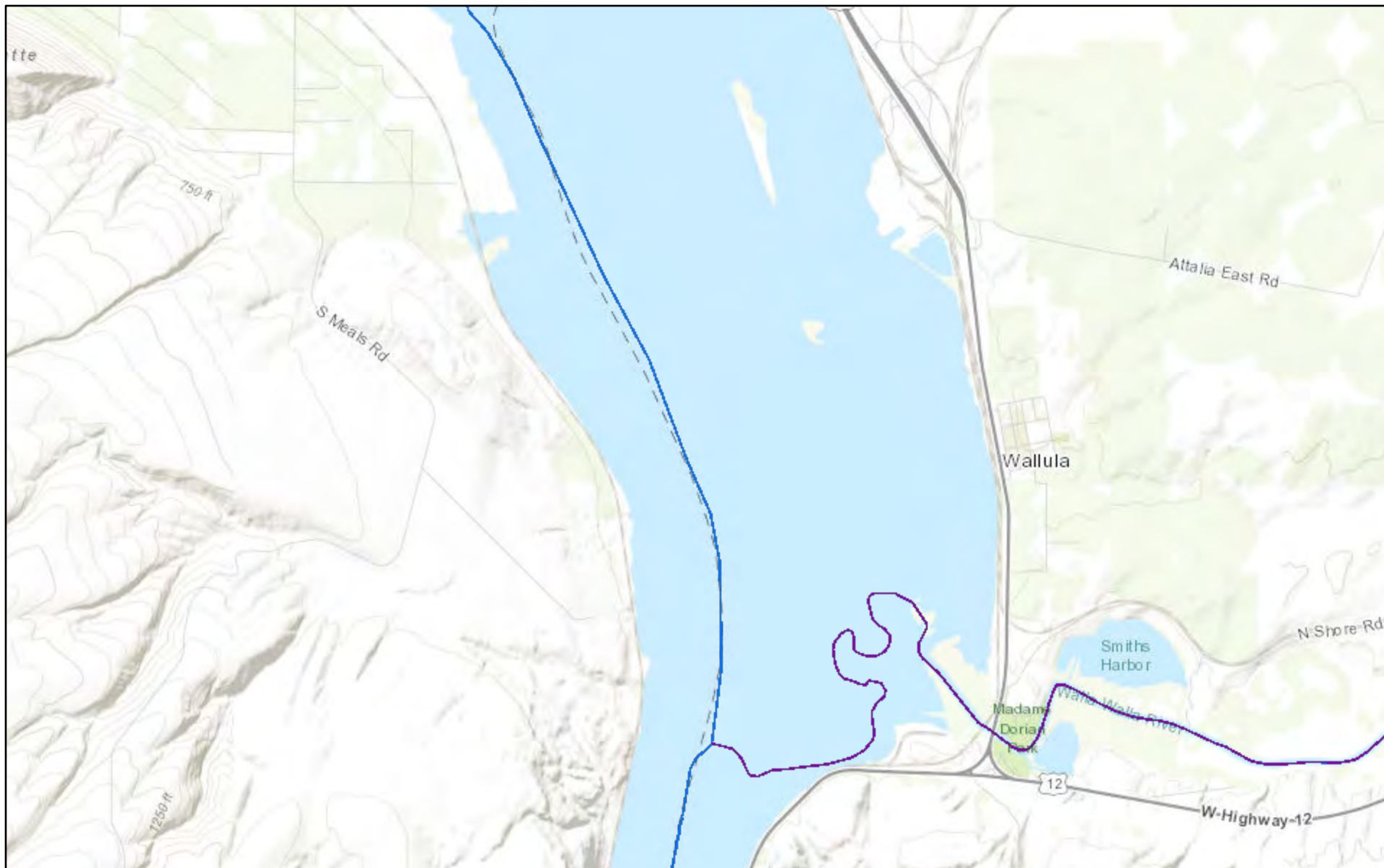
 Spawning and rearing



PSMFC GIS, Bureau of Land Management, State of Oregon, State of Oregon

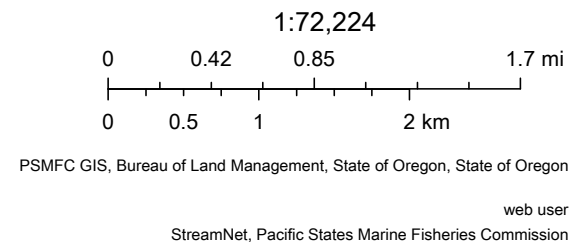
web user  
StreamNet, Pacific States Marine Fisheries Commission

# Summer Steelhead



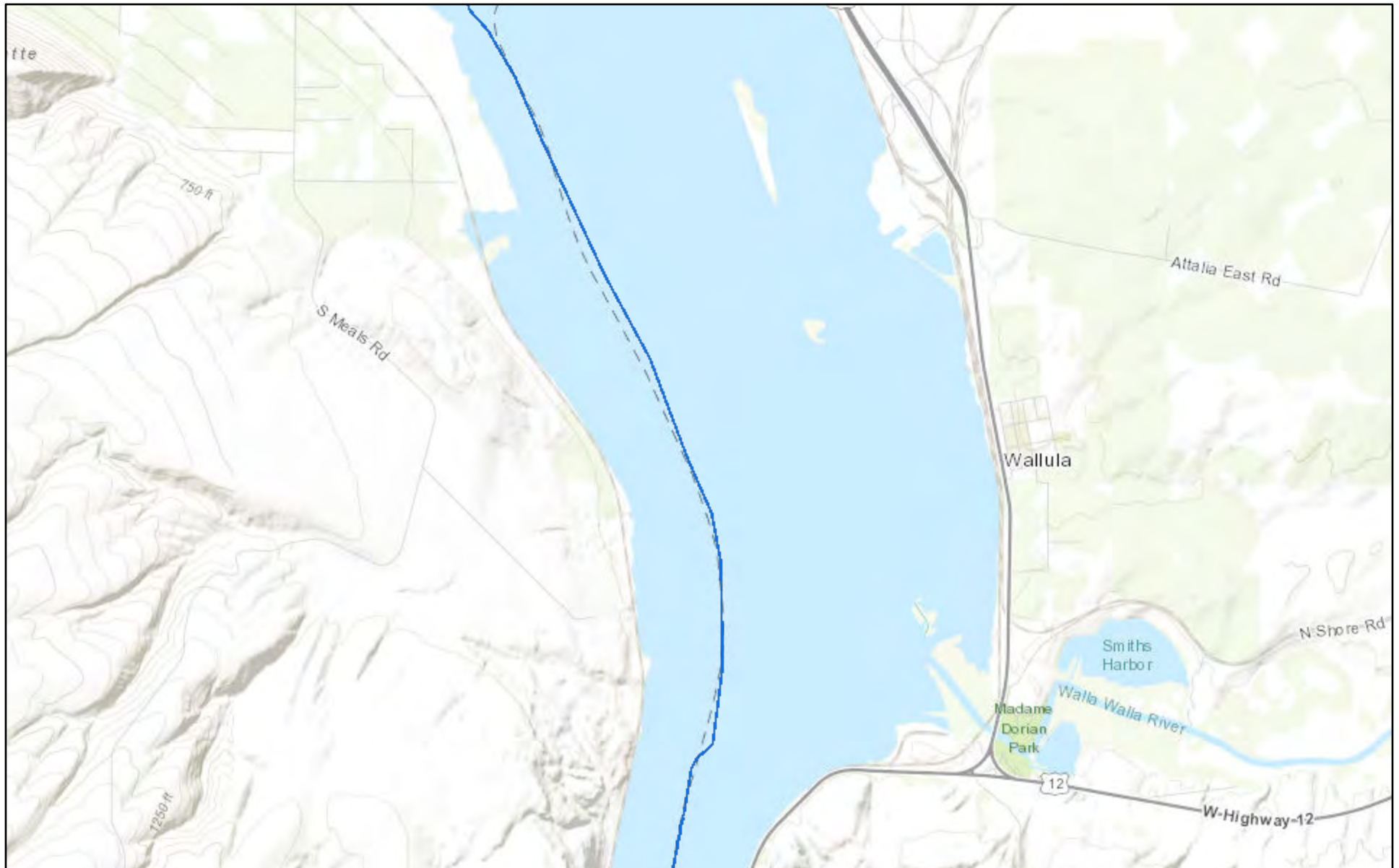
10/22/2021, 10:11:09 AM

- Columbia Basin Boundary
- Rearing and migration
- Unknown
- Summer Steelhead**
- Spawning and rearing
- Migration only








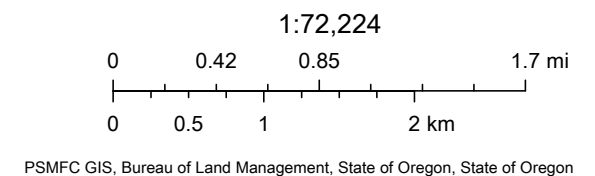


# StreamNet



10/22/2021, 10:05:21 AM

-  Columbia Basin Boundary     Rearing and migration     Unknown
- Fall Chinook     Spawning and rearing
-  Migration only



# **EXHIBIT C**

## **Plan Sheets**

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