



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form ^{1,2} [\[help\]](#)

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): _____

RECEIVED

AUG 08 2017

Kittitas CDS

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]
Kittitas County Schaake Levee Repair, Yakima River

Part 2—Applicant

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

2a. Name (Last, First, Middle)			
Cook, Mark – Public Works Director, Kittitas County			
2b. Organization (If applicable)			
Kittitas County Public Works			
2c. Mailing Address (Street or PO Box)			
411 N Ruby Street, Suite 1			
2d. City, State, Zip			
Ellensburg, WA 98926			
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail
509-962-7692			Mark.cook@co.kittitas.wa.us

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at <http://www.nws.usace.army.mil/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- 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.

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

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

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

3a. Name (Last, First, Middle)			
Broadhead, Craig D.			
3b. Organization (If applicable)			
Jacobs Engineering Group Inc.			
3c. Mailing Address (Street or PO Box)			
32 N 3rd Street, Suite 304			
3d. City, State, Zip			
Yakima, WA 98901			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
509-312-0375			Craig.Broadhead@Jacobs.com

Part 4—Property Owner(s)

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

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

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

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

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

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

- Private
- Federal – Bureau of Reclamation (USBR)
- Publicly owned (state, county, city, special districts like schools, ports, etc.) – **Kittitas County Easement**
- Tribal
- Department of Natural Resources (DNR) – managed aquatic lands (Complete [JARPA Attachment E](#))

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

See 5e, 5f, and 5p. No street address.

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

Ellensburg, WA 98926

5d. County [\[help\]](#)

Kittitas

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

¼ Section	Section	Township	Range
	11 and 14	17N	18E

5f. Provide the latitude and longitude of the project location. [\[help\]](#)

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

46.969744, -120.553908

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

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

738633 and 17161

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

Name	Mailing Address	Tax Parcel # (if known)
USBR	1917 Marsh Road	738633
	Yakima, WA 98907	
USBR	1917 Marsh Road	17161
	Yakima, WA 98907	

5i. List all wetlands on or adjacent to the project location. [help]
Riverine wetlands associated with the Yakima River are adjacent to the project but not within the project footprint. The project repairs an existing rock levee and does not impact any wetlands.
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
Yakima River
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know The project is in the floodway of the Yakima River.
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
The project area is an active levee. There are three Pacific willow trees growing within the levee repair area that will be removed. Shrubs on or adjacent to the levee include woods rose and currant. Nonnative knapweed and mullein are also present. The upland properties behind the levee are abandoned agricultural fields that were previously a feed lot and are now mostly covered with nonnative grasses and weeds.
5m. Describe how the property is currently used. [help]
The project location is an active levee that is in use for flood hazard protection. The area behind the levee is on conservation status and may ultimately be part of a levee setback/restoration project.
5n. Describe how the adjacent properties are currently used. [help]
Adjacent properties were in agricultural production prior to acquisition by the USBR and are now in conservation status.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The only structure present on the property is the Schaake Levee. The levee is currently severely damaged and is only able to provide 3 years of flood protection. This project will restore the levee to a minimum 10-year flood protection rating.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From Interstate 90 (I-90), exit at Canyon Road (Exit 109) and travel north on Canyon Road. Turn west onto Umptanum Road and follow it for approximately 3/4 of a mile. After passing under I-90, levee access is on the left. Follow the levee approximately 1 mile to the project area.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]
The Schaake Levee is a left-bank levee of the Yakima River from river miles 151.65 to 153.05 and is approximately 7,400 feet in total length. In an undamaged state the levee provides a 50-year flood event level of protection. An approximate 450 linear foot portion of the levee experienced damage from 2 high water events that occurred in mid-November and mid-December 2015, where riprap comprising the riverward toe and slope armor was lost. This reduced the functionality of the levee to an approximate 3-year flood level of protection.
The levee is currently not enrolled in the U.S. Army Corps of Engineers (USACE) Public Law (PL) 84-99 Levee Program (PL 84-99), but the goal of the project is to repair the levee to the minimum USACE level of protection, which is the 10-year flood event. Once repaired, the intent is to certify and reenroll the levee in the PL 84-99 program until it is decommissioned and eventually setback. This repair option reduces cost, provides a higher level of protection, minimizes intrusion into the Yakima River that would be required for a 50-year repair, and does not preclude the planned restoration activities and the eventual setback of the levee.

The project is repairing an existing levee to less than the as-built condition, and as such is exempt from a USACE Clean Water Act Section 404 permit. The project will meet Washington State water quality standards.

The damaged portion of the levee will be restored to an approximate 1.5H:1V slope using large riprap backed by a quarry spall base. The repair will remain within the original pre-damaged levee footprint. USACE had proposed a full repair to the 50-year level of protection but that design will not be implemented in order to minimize the repair footprint and repair the levee to the minimum level of protection.

The repair will occur in early October, after flows in the Yakima River decrease significantly due to reservoir operations (flip-flop), and will take approximately two weeks to complete. The project will require work below the ordinary high water mark (OHWM), and may require work in flowing water of the Yakima River depending on water levels at the time of construction. Isolation of the work area is not feasible during construction due to the height of the repair compared to the Yakima River. However, due to the velocity of the Yakima River and the location of the thalweg against the levee bank, there is an absence of fines and the river bed is mostly rock substrate. Impacts to water quality from turbidity will be minimal and are expected to be within Washington State water quality standards, based on construction methods.

These construction methods include the following:

- Undesirable vegetation will be removed in a manner that does not discharge turbidity to the Yakima River.
- Large rock, likely Class IV riprap, will be placed in a slow and controlled manner using a thumbed excavator to construct the toe of the embankment.
- Rock placed within flowing water will be washed prior to use.
- No end dumping of rock into flowing water will occur.
- After the rock toe has been constructed above the height of the water level, unsuitable or damaged material from the embankment will be excavated and hauled to an upland disposal area.
- Quarry spalls will be placed in the excavated areas to provide solid backing, and the remaining slope repair area will be completed using large riprap.

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

The purpose of this project is to restore the damaged area of the Schaake Levee to provide flood hazard protection and reenroll the levee in the USACE PL 84-99 program until the eventual setback. In its current state, the levee only provides protection for a 3-year flood event. Performing repair activities at this location will restore the levee to a 10-year level of protection, the minimum required for USACE certification. The levee repair will prevent or minimize potential flood damage until the eventual setback of the levee in this area.

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

- Commercial
 Residential
 Institutional
 Transportation
 Recreational
 Maintenance
 Environmental Enhancement

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

- | | | | |
|---|--|--|--|
| <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 checked="" 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 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	
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Other:

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

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

The construction process will consist of site mobilizing and staging, installing sediment and erosion control devices, placing large rock slowly to above the water level, excavating the backing material area, placing spalls as backing material, and completing reconstruction of the levee slope with large rock.

Project Timeline and Sequencing

The project will likely begin in early October 2017 and will take up to 2 weeks to complete. Work below the OHWM will last approximately 2 weeks and will occur during the approved in-water work window and during low flow conditions after flip-flop.

Equipment

Equipment will include, but is not limited to, thumbed excavators, dump trucks, front loaders, and smaller equipment such as chainsaws and hand tools.

Construction Access and Staging

Access for construction of the repair will be from the top of the existing levee. Access will be from the existing County easement off of Umptanum Road. Best management practices (BMPs) will be in place prior to any work occurring to delimit the project area and prevent any unintended discharge of material to the Yakima River.

Staging of equipment and materials will occur to the east of the project area on the landward side of the levee. Existing roads and the crest of the levee will be used to transport equipment and materials to the project site.

Stockpiled riprap and quarry spalls shall be clean materials free of fines.

Work Area/BMPs

The project will occur during low flow conditions after flip-flop. Isolation and dewatering of the work area is not feasible due to access to the Yakima River at this location. In place of constructing isolation structures to dewater the project area, alternative BMPs will be used to minimize impacts to water quality. These include the use of clean rock placed using a thumbed excavator or similar equipment to slowly place riprap. No end dumping will occur to flowing water.

Work will likely begin on the upstream end of the repair, which will allow subsequent large rock placement in the low velocity flow area behind the material that will perpetuate a low velocity condition for subsequent rock as work progresses. The combination of these BMPs and an equipment operator working in a slow and controlled manner will minimize impacts from turbidity. Once the rock toe has been placed at an elevation above the water line, this rock will act as containment cell for the remainder of the constructed slope.

During a field visit on June 23, 2017, the water level at the repair site was estimated to be 1.5 to 2 feet above the toe of the slope or the lowest elevation of the repair area. Water levels decrease substantially in the Yakima River after flip-flop. Based on a comparison of the water level at the time of the site visit and predicted flows during October (U.S. Geological Survey gage data), it is assumed the water level during construction will be at or near the toe of the slope. If water is present during construction, it will be less than 2 feet deep at the toe of the repair.

Embankment Construction

Reconstruction of the embankment will be performed by a thumbed excavator or similar equipment. Class IV riprap will be placed in a slow and controlled manner by a skilled operator to build the toe of the embankment; riprap will be placed until the reconstructed embankment is above the OHWM. After the reconstructed embankment is above the OHWM, unsuitable material will be removed from the existing slope to create a solid receiving bed for new materials. Quarry spalls will be placed on the embankment at a 1.5H:1V slope, and large rock will be placed to build the embankment to the final configuration. Existing riprap in the damaged levee section will be reused where possible

No plantings or revegetation will occur within the constructed levee, as plant material will impact the structural integrity of the levee, and the levee would not qualify for the USACE PL 84-99 program with integrated vegetation. In addition, the levee will eventually be decommissioned and setback as part of the Yakima River Corridor Plan.

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

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

Start Date: October 1, 2017

End Date: October 31, 2017

See JARPA Attachment D

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

\$250,000

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

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

Yes No Don't know

Part 7–Wetlands: Impacts and Mitigation

Check here if there are wetlands or wetland buffers on or **adjacent to** the project area.

(If there are none, skip to Part 8.) [\[help\]](#)

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

Not applicable

There are wetlands associated with the Yakima River north and south of the project area, but no wetlands are present within the project area. No impacts to wetlands or wetland buffers will occur.

7b. Will the project impact wetlands? [\[help\]](#)

Yes No Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

Yes No Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

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

Yes No N/A

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

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

Yes No Don't know N/A

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

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

Yes No Don't know N/A

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

N/A

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

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)
N/A						

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

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

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

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 repair will be completed within the footprint of the pre-existing levee. The County opted to not implement the USACE design of a 50-year event in favor of minimizing impacts to the Yakima River and is instead repairing to the minimum protection level for certification.

This project is designed to avoid and minimize adverse impacts to the aquatic environment through the controlled construction methods listed above and the implementation of a skilled operator when placing materials. Furthermore, all sourced materials will be free of fines to reduce turbidity within the mixing zone of the project. Construction techniques will be employed to construct most of the levee toe out of the active flow of the Yakima River.

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

The project is repairing an existing levee, with no impacts outside the original as-built footprint. The repair was chosen to provide flood hazard protection and also allow for restoration activities and an eventual levee setback.

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. [\[help\]](#)

Repairing the levee to the 10-year protection standard will provide flood hazard protection while not encroaching into the Yakima River further than necessary. This design, repair, and certification are being completed with the understanding that the levee will eventually be decommissioned and setback, which is consistent with the recommendations of the Yakima River Corridor Plan.

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

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Fill	Yakima River	In water	Permanent	316 cubic yards	450 linear feet; 6,270 square feet

¹ If no official name for the waterbody exists, create a unique name (such as “Stream 1”) The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter “permanent” if applicable.

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

The fill materials used below the OHWM will be comprised of clean Class IV riprap. The riprap will be locally sourced and reused from material on-site where possible. Quarry spalls will be placed as a solid bed for large riprap above the OHWM. The materials will be placed slowly using a thumbed excavator or equivalent machinery at the existing toe of the levee. No end dumping will be allowed.

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

N/A – no excavation below the OHWM.

Part 9—Additional Information

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

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

Agency Name	Contact Name	Phone	Most Recent Date of Contact

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

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

Yes No

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

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

17030001 – Upper Yakima

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

- Go to <http://www.ecy.wa.gov/water/wria/index.html> to find the WRIA #.

39 – Upper Yakima

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

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

Yes No Not applicable

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

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

Urban Natural Aquatic Conservancy Other: Urban Conservancy

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

- Go to <http://www.dnr.wa.gov/forest-practices-water-typing> for the Forest Practices Water Typing System.

Shoreline Fish Non-Fish Perennial Non-Fish Seasonal

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

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

Yes No N/A

Name of manual: _____

9i. Does the project site have known contaminated sediment? [\[help\]](#)

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

Yes No

The project repairs an existing rock levee.

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

The Schaaque Levee has been in place since 1948.

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

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

Yes No Cultural review was completed by the USACE, with no impacts documented.

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. [\[help\]](#)

Middle Columbia River distinct population segment Steelhead
Columbia River distinct population segment Bull Trout

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. [\[help\]](#)

Bull Trout
Chinook
Coho
Rainbow Trout
Steelhead

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.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

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

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

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

A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.

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?
WAC 197-11-800(3) Repair, remodeling, and maintenance activities
- 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): WAC 173-27-040(2)(b) – Maintenance Activities

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](#)

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

Check the appropriate boxes

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

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

- All parts of project (except compensatory mitigation) occur landward of Ordinary High Water Line (OWHL).
- HPA processing is conducted by applicant funded WDFW staff.
Agreement # _____
- Mineral prospecting and mining
- Project occurs on farm and agricultural land.
(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use)
- Project is modification of an existing HPA originally applied for, prior to July 10, 2012.
HPA # _____

Washington Department of Natural Resources: N/A

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: N/A – Project will maintain State water quality standards.

Section 401 Water Quality Certification

FEDERAL GOVERNMENT

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

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

Exempt from Section 404. Not located in a Section 10 water.

United States Coast Guard permits: N/A

General Bridge Act Permit

Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

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

11a. Applicant Signature (required) [\[help\]](#)

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

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

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. _____ (initial)

X Mark R Cook Mark R Cook 8-8-17
Applicant Printed Name Applicant Signature Date

11b. Authorized Agent Signature [\[help\]](#)

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

Craig Broadhead Craig Broadhead 8/8/17
Authorized Agent Printed Name Authorized Agent Signature Date

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

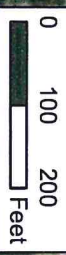
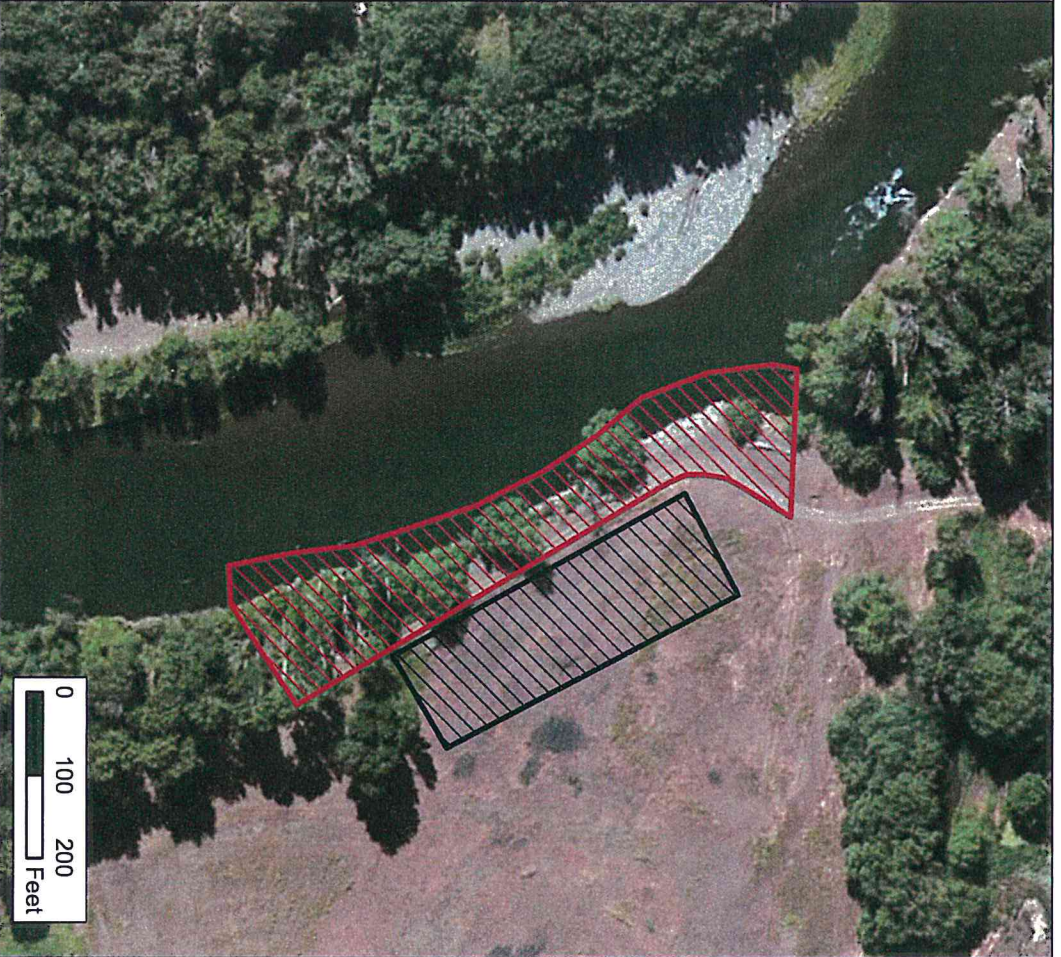
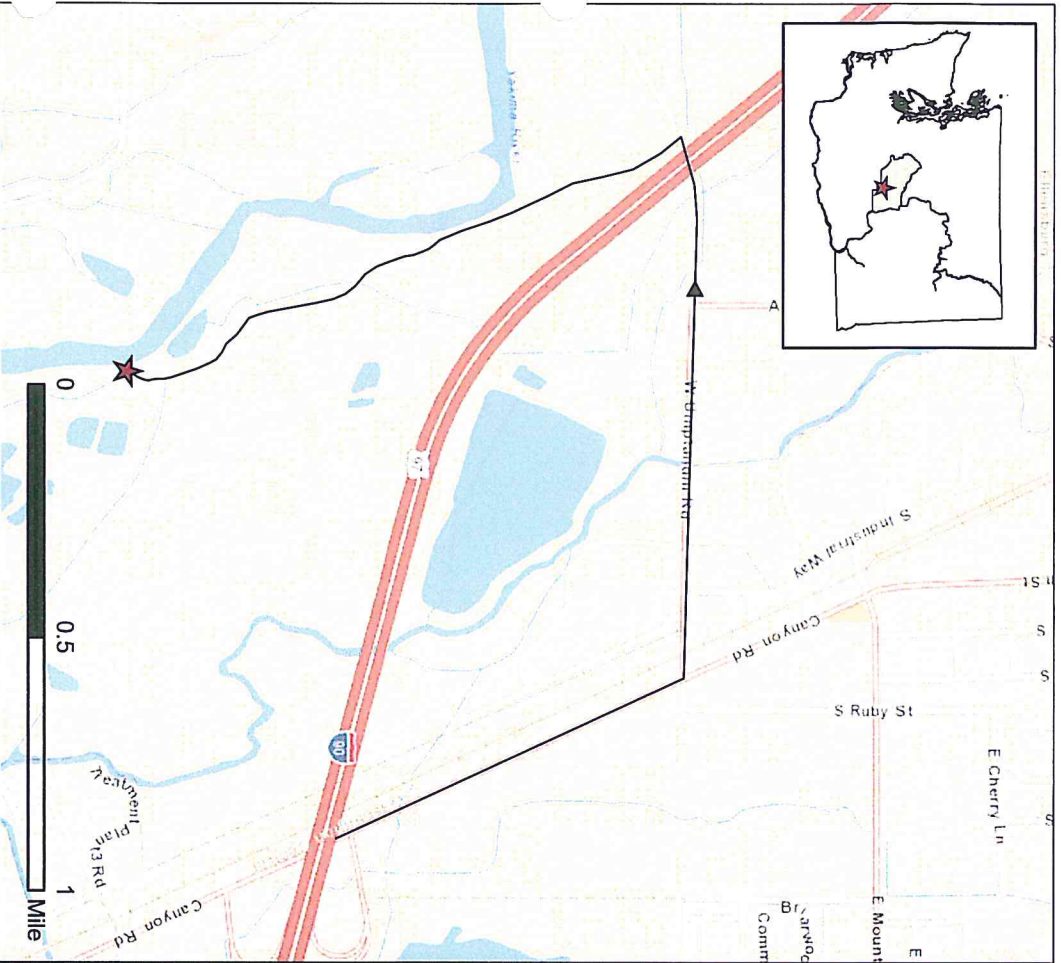
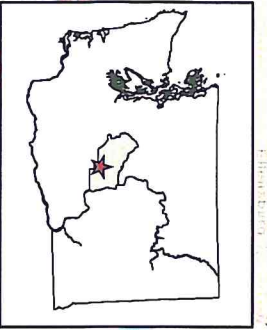
Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

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.

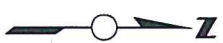
Property Owner Printed Name Property Owner Signature Date

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.

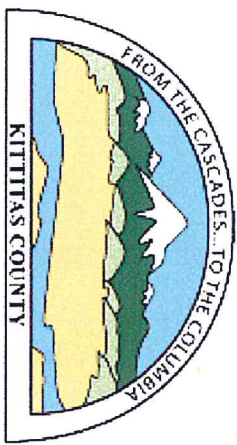
If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 03/2017



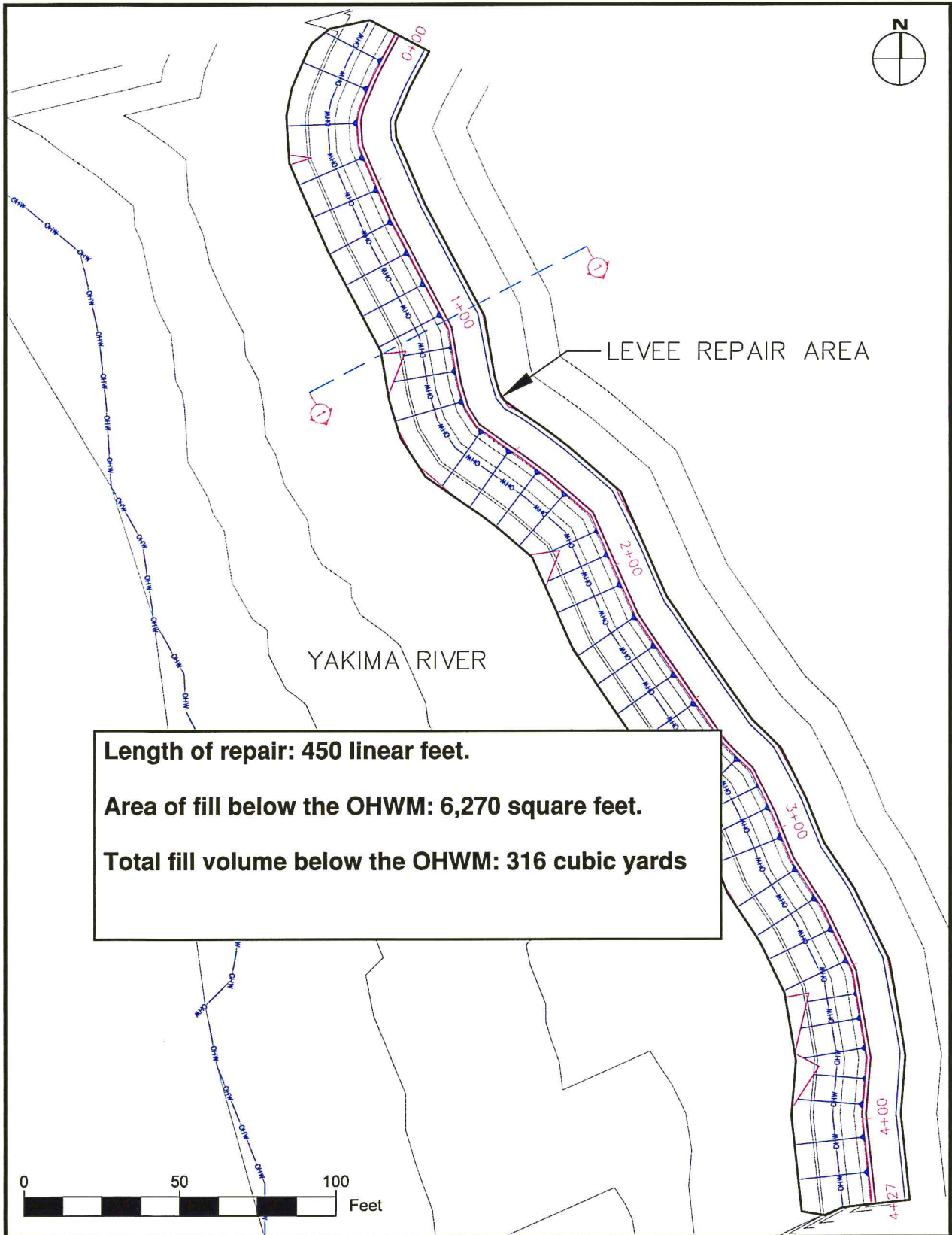
-  Staging Area
-  Project Area
-  Schaake Location
-  Driving Route



Proposed Project: Schaake Levee Repair
 Reference: USGS
 Applicant: Kittitas County Public Works
 Location: Manastash Road
 City: Ellensburg
 County: Kittitas
 State: WA
 Lat/Long: 46.3968729N/-120.553083W
 Date: July 31, 2017
 Sheet: 1 of 3



JACOBS

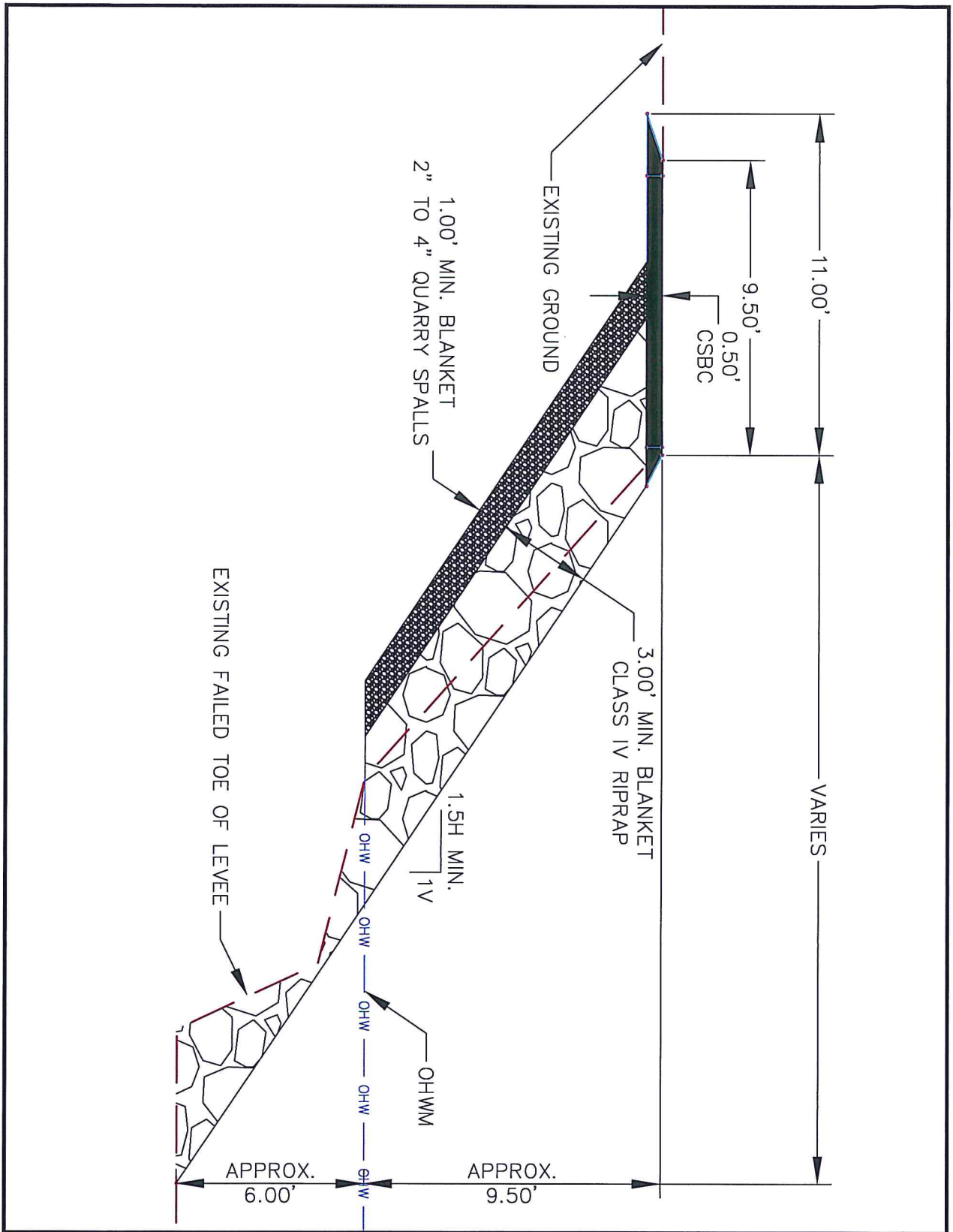


Length of repair: 450 linear feet.

Area of fill below the OHWM: 6,270 square feet.

Total fill volume below the OHWM: 316 cubic yards

	LAT/LONG TRS: 46.969744/-120.553908 T:17N/R:18E/S:11&14	DATE: 07/31/2017	PAGE: 2 OF 3
	PROJECT DESCRIPTION: SCHAAKE LEVEE REPAIR	WATERBODY: YAKIMA RIVER	NEAR/AT: ELLENSBURG
	ADJACENT PROPERTY OWNERS: 46.969744/-120.553908	COUNTY: KITTITAS	STATE: WA



JACOBS	
APPLICANT:	KITTITAS COUNTY PUBLIC WORKS
REFERENCE:	

LAT/LONG TRS:	46.969744/-120.553908 T:17N/R:18E/S:11&14
PROJECT DESCRIPTION:	SCHAAKE LEVEE REPAIR
ADJACENT PROPERTY OWNERS:	46.969744/-120.553908

DATE:	07/31/2017	PAGE:	3 OF 3
WATERBODY:	YAKIMA RIVER	NEAR/AT:	ELLENSBURG
COUNTY:	KITTITAS	STATE:	WA



1



2

Photo 1: Looking upstream at damaged levee section.

Photo 2: Active scour in the repair area. Note loss of large armoring material.

Schaake Levee Repair Project

JARPA

August 2017