

DETERMINATION OF NONSIGNIFICANCE

Description of proposal: Phase 7 – Construction Phase 3B project includes the design and installation of approximately 54,000 lineal feet of submain lines. The pipes vary in size from 1.5 inches to 12-inch diameter and will be fabricated of polyvinyl chloride (PVC) and ductile iron. The sub-mains will be installed primarily adjacent to existing roads and through existing orchards. Phase 3B includes 6.5 acres of land that will be disturbed by the installation of underground pipes and aboveground turnouts.

Proponent

EA 12-19

Benton Irrigation District
Attn: Ed Mitchell
P O Box 626
47506 North Highland Road
Benton City, WA 99320.

Anderson Perry and Associates, Inc.
C/o Brett Moore, P.E.
1901 N Fir Street
LaGrande, Oregon 97830

Location of proposal: The basic boundaries of Phase 3B include north of Chris Avenue, west of 7th Street, south of W Corral Creek Road and east of N Thunder Road (with the exception of a small line across W. Old Inland Empire Highway). Phase 3B is located in several sections including T9N, R27E, Section 7 and 8 and T9N, R26E, Sections 12 and 13.

Lead agency **BENTON COUNTY**

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

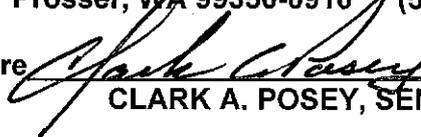
THERE IS NO COMMENT PERIOD FOR THIS DNS.

Responsible Official

Michael Shuttleworth, Planning Manager
Benton County Planning Dept.
Post Office Box 910
PHONE: (509) 786-5612
Prosser, WA 99350-0910 (509) 736-3086

Date August 28, 2012

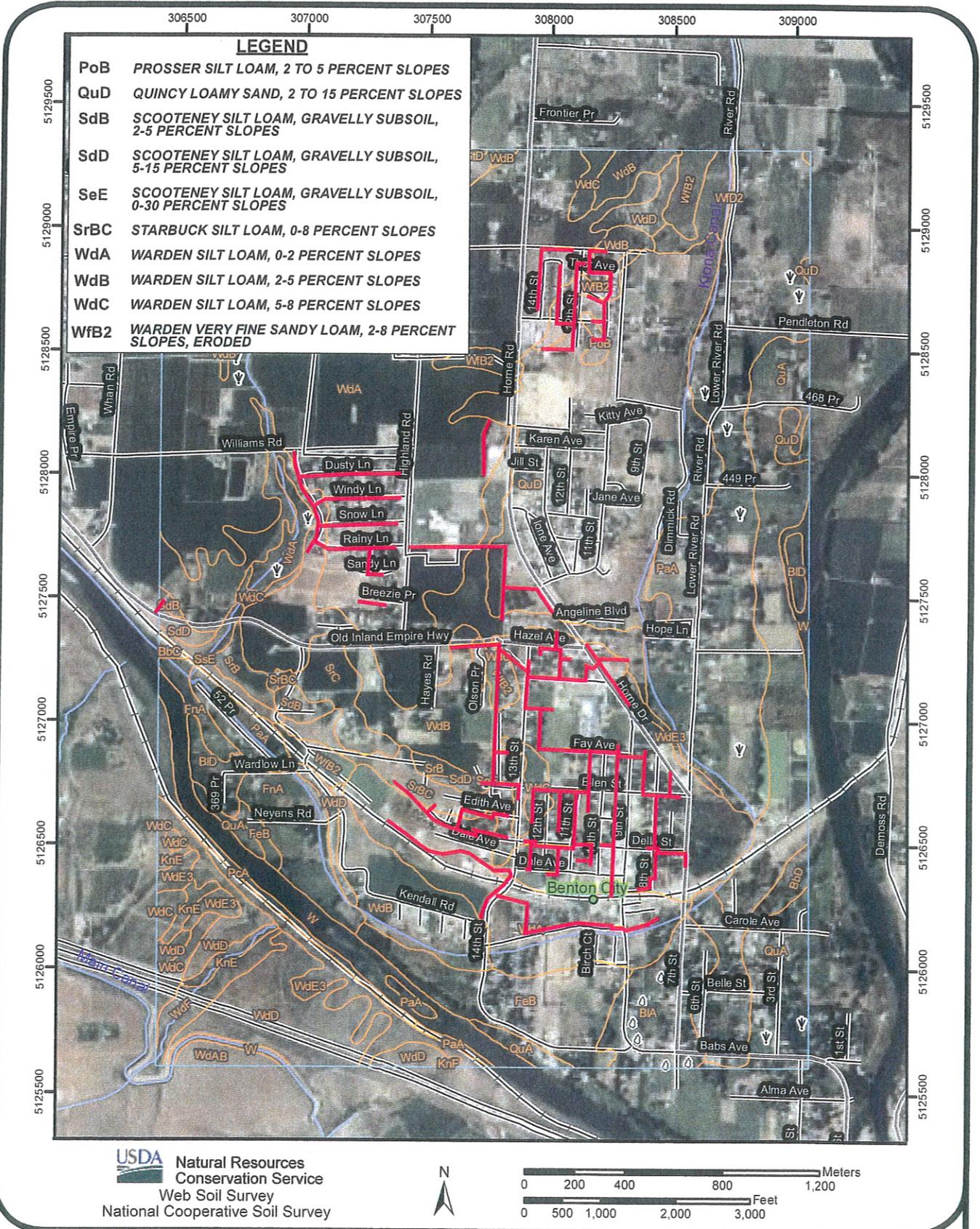
Signature


CLARK A. POSEY, SENIOR PLANNER

THERE IS NO AGENCY APPEAL DISTRIBUTION:

Applicant
News Media
Fire District No. 1, 2, 3
Benton County Building Office
Benton County Fire Marshall
Public Works Dept.
Department of Natural Resources
Bureau of Land Management
Department of Natural Resources
Benton Clean Air Authority
Bureau of Reclamation
Bureau of Land Management
Benton County Public Works
Archaeology/Historic Preservation

SVID
Yakama Indian Nation
FEMA
Dept. of Agriculture
City of Benton City
Futurewise
City of Prosser
Natural Resource Conservation District
Corps of Engineers
Department of Transportation
Washington State Dept. of Health
Department of Ecology – Yakima/Olympia
BFHD



**BENTON IRRIGATION DISTRICT
IRRIGATION SYSTEM IMPROVEMENTS - PHASE 7
(CONSTRUCTION PHASE 3B)
SEPA APPLICATION**

SOILS MAP

**FIGURE
2**

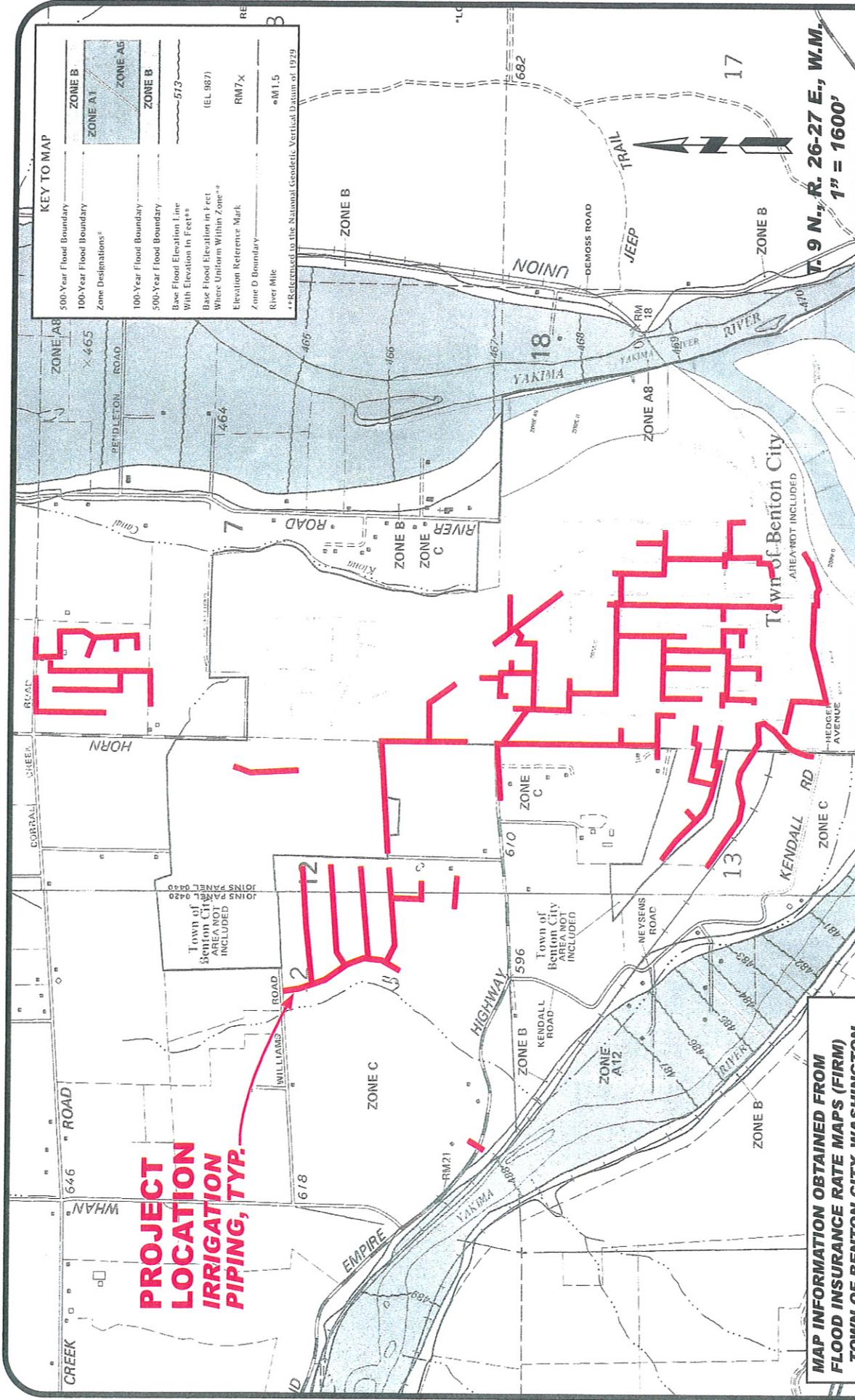


FIGURE 3

BENTON IRRIGATION DISTRICT IRRIGATION SYSTEM IMPROVEMENTS - PHASE 7 (CONSTRUCTION PHASE 3B) SEPA APPLICATION

FLOOD MAP

anderson perry & associates, inc.

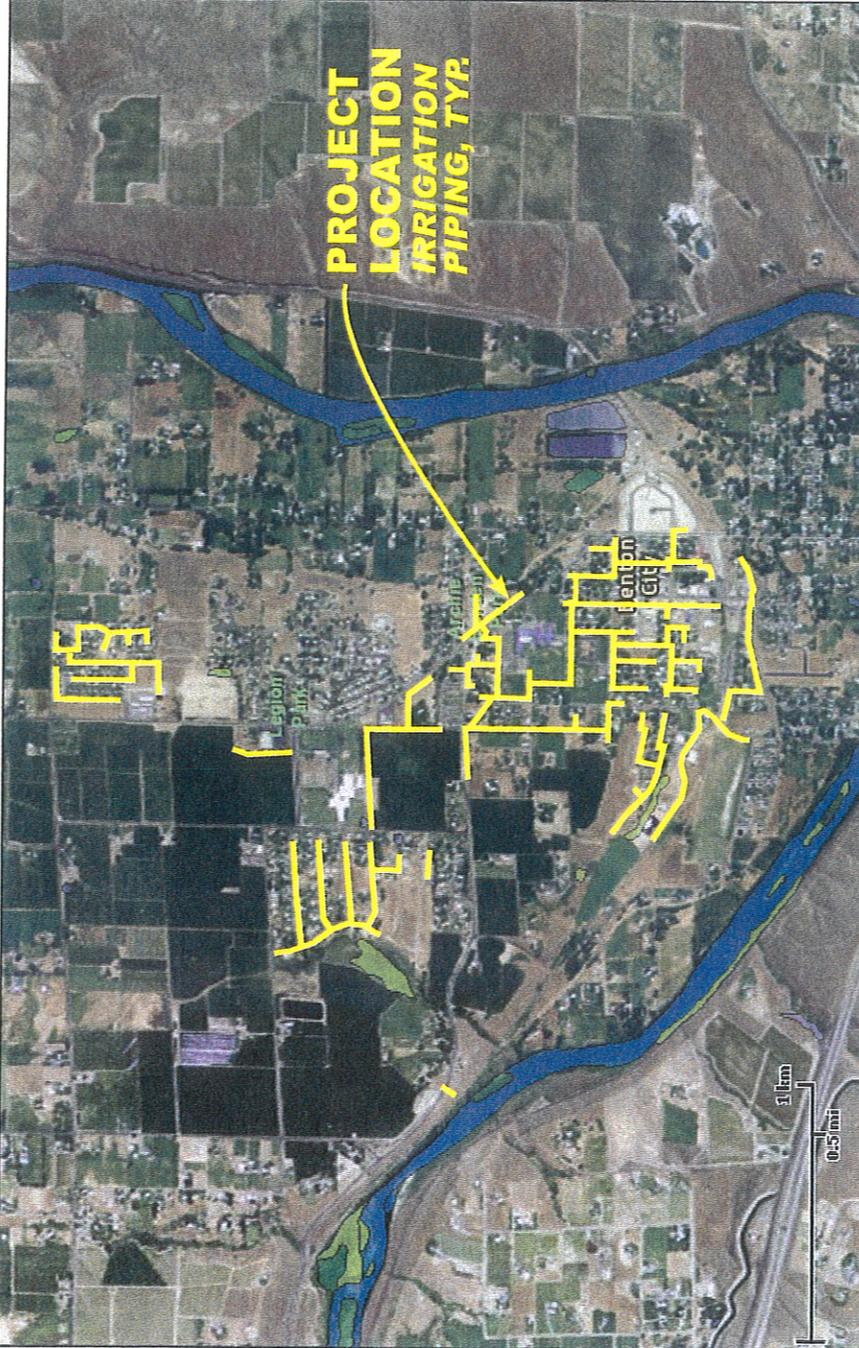


**U.S. Fish and Wildlife Service
National Wetlands Inventory**

Jun 14, 2012

Wetlands

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



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.



**BENTON IRRIGATION DISTRICT
IRRIGATION SYSTEM IMPROVEMENTS - PHASE 7
(CONSTRUCTION PHASE 3B)
SEPA APPLICATION**

WETLANDS INVENTORY MAP

FIGURE

4

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

EA 12-19

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

Benton Irrigation District Irrigation System Improvements – Phase 7 (Construction Phase 3B)

2. Name of applicant:

**Benton Irrigation District
Attn: Ed Mitchell**

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

**Applicant: P.O. Box 626
47506 North Highland Road
Benton City, Washington 99320**

Phone: (509) 588-4396

Email: bidmitchell@frontier.com

RECEIVED

AUG 22 2012

**Benton County
Planning Department**

Contact Person: Brett Moore, P.E.
Anderson Perry & Associates, Inc.
1901 N. Fir Street
La Grande, Oregon 97850

Phone: (541) 963-8309
Email: bmoore@andersonperry.com

4. Date checklist prepared:
June 30, 2012

5. Agency requesting checklist:
Benton County Planning Department

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

The proposed Benton Irrigation District (BID) Irrigation System Improvements project is being developed in phases. Phase 1 included the design and construction of a river pump station and main line and has been completed. The next phases cover the design and construction of the conveyance system and are expected to be completed by 2013. Phase 2 was the Construction Phase 1 - Base Bid and has been completed. Phase 3 was the Construction Phase 1A and 1B and has been completed. Phase 4 was the Construction Phase 2A and Phase 5 was the Construction Phase 2B and 2C; these were completed and were submitted in a separate SEPA checklist. Phase 6, Construction of Phase 3A, began in October, 2011, and was recently completed. The current Phase 7 is Construction Phase 3B; the project will begin in September 2012 and will be completed in April 2013.

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

Yes, as described in Item No. 6 above, this SEPA checklist contains relevant information to the Phase 3B section of the BID Irrigation System Improvements - Phase 7 project. Phase 8 - Construction Phase 3C includes the design and construction of additional portions of the sub-main pressurized system for the more urban areas. A separate SEPA checklist will be prepared to address the environmental impacts associated with Phase 8 - Construction Phase 3C, once substantial design has been completed.

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

The following documents have been prepared in conjunction with the BID Irrigation System Improvements – Phase 4 project. Copies of these documents were submitted as part of the Phase 1 SEPA checklist.

- **Benton Irrigation District Water Conservation Plan, March 2000. Davis Engineering.**
- **Biological Assessment, May 16, 2008. U.S. Department of the Interior (USDI) Bureau of Reclamation, Pacific Northwest Region.**
- **Informal Consultation, June 2, 2008. USDI Fish and Wildlife Service.**
- **Informal Consultation, June 25, 2008. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service.**
- **Final Environmental Assessment, September, 2008. USDI Bureau of Reclamation.**
- **Finding of No Significant Impact Determination, U.S Bureau of Reclamation (September 25, 2008).**
- **Finding of No Significant Impact Determination, U.S Bureau of Reclamation (October 19, 2010).**
- **Informal Consultation, December 21, 2010. Washington Department of Fish and Wildlife.**

In addition, to these documents, the Benton Planning Department issued a Determination of Non-Significance for Phase 1 on April 29, 2009, for Phase 2 on November 5, 2009, for Phase 3 on April 21, 2010, for Phase 4 on August 4, 2010, for Phase 5 on January 6, 2011, and for Phase 6 on August 19, 2011.

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.

It is unknown if there are other proposals that directly affect the property covered by Phase 3B or any other phase of the project.

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

The table below identifies the government approvals and permits needed for the BID Irrigation System Improvements – Phase 7 (Construction Phase 3B) project by level of government.

Permit	Approving Agency
City Permits	
Benton City Road Crossing Permit	Benton City
County Permits	
Road Crossing Permit	Benton County Planning Department
State Permits/Consultations	
Stormwater Notice of Intent	Department of Ecology
§ 106 Cultural Resources Consultation	Bureau of Reclamation consultation with Department of Archaeology and Historic Preservation
State Highway Crossing Permit	Washington Department of Transportation

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.)

This phase of the project includes the design and installation of approximately 54,000 lineal feet of sub-main lines. The pipes vary in size from 1.5-inch to 12-inch diameter and will be fabricated of polyvinyl chloride (PVC) and ductile iron. The sub-mains will be installed primarily adjacent to existing roads and through existing orchards. Phase 3B includes 6.5 acres of land that will be disturbed by the installation of underground pipes and aboveground turnouts.

The BID Irrigation System Improvements - Phase 7 (Construction Phase 3B) project is part of the Yakima River Basin Water Enhancement Project (YRBWEP) that is designed to enhance the water in the Yakima River Basin by permanently returning water to the river as a result of a more efficient irrigation system.

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.

The basic boundaries of Phase 3B include north of Chris Avenue, west of 7th Street, south of W. Corral Creek Road, and east of N. Thunder Road (with the exception of a small line across W. Old Inland Empire Highway). Phase 3B is located in several sections including T9N, R27E, Sections 7 and 8, and T9N, R26E, Sections 12 and 13.

See Figure 1 for the site plan/topography map and Appendix A for project plan sheets.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other.
The project area included in Phase 3B contains areas that are flat and areas that have some hilly slopes. Figure 1 shows project topography.
- b. What is the steepest slope on the site (approximate percent slope)?
The steepest slope on the site is approximately 13 percent. See Appendix A for plan details and Figure 1 for site contours.
- 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 prime farmland.
The Phase 3B project area has primarily silt loam (see Figure 2, Soils Map). Erosion ranges from slight to moderate and is dependent on soil texture and topography. While the soils range from poorly drained to excessively drained, the majority of the soils are well drained.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
No, there are no surface indications or history of unstable soils in the immediate vicinity.
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed.
Indicate source of fill.
Fill will occur after excavation of trenches for the various pipes. Excavated material will be replaced to fill the trench. No grading is anticipated. No fill will be required for the project. Approximately 17,000 cubic yards of material will be excavated for pipe placement. Approximately 15,500 cubic yards of excavated material will be used to backfill the pipe trench. Excess excavated material (1,500 cubic yards) will be hauled to the soil storage site located at the southwest corner of the intersection of East Roza Road and West Acord Road.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
There is a small potential for erosion during the construction phase, as excavation for the pipe trench will disturb stable areas, Best Management Practices will be implemented during construction to keep soil on site and reduce the potential for erosion.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
This phase of the project does not include construction of impervious surfaces.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Best Management Practices, consistent with the Stormwater Manual for Eastern Washington, will be used to minimize the risk of erosion. Once construction has been completed, disturbed areas will be restored to the original slope and hydroseeded.
- ### 2. Air
- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.
During construction, emissions will be limited to dust and exhaust from construction equipment, excavation of pipe trench, and the mobilization of equipment on and off site. If necessary, dust abatement, including watering, will be implemented to control dust. Post construction there will be no increase or impact from emissions.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
There are no known off-site emissions or odors that may affect the proposed project.

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

Construction Best Management Practices, such as dust abatement, will be implemented to minimize dust and impacts to air quality.

3. Water

a. Surface:

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.

The Yakima River is located approximately 350 feet away from the closest pipe work for Phase 3B on the southeast side of the project area. There will be no water or wetland crossings during Phase 3B (see Figure 4).

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.

No

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.

There will be no fill or removal in waterways or wetlands.

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

No, the proposal will not require surface water withdrawals or diversions.

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

The project site does not occur within the 100-year floodplain. The project lies in Zone C according to the FEMA FIRM maps. Zone C is identified as areas of minimal flooding. The FIRM Map is shown on Figure 3.

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, the proposed project will not discharge any waste material to surface waters.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No, groundwater will not be withdrawn and no water will be discharged to groundwater.

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.

No waste material will be discharged into the ground. The project does not include any septic tanks, domestic sewage, industrial, or other potential waste material.

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.

The project includes the installation of buried sub-main irrigation lines into existing road banks. Silt fence will be installed where necessary to keep sediment and stormwater from entering any waterway. Excavated material that is stockpiled will be covered with tarps. Currently stormwater runs into existing roadside irrigation ditches and will continue to do so during construction. Erosion control structures such as silt fence and sandbags will serve to settle sediments from stormwater.

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

Waste materials are not expected to enter groundwater or surface water.

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

4. Plants

a. Check or circle 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

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

*(tree crops)

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

Most of the site is along existing roads and will have no impact on vegetation; however, some agricultural land is present and most of the vegetation that will be removed and replanted will be incidental crops. The construction site will also be along many orchards, but not within; no orchard vegetation will be removed or altered.

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

Bull trout and steelhead are present in the Yakima River. The Environmental Assessment prepared by the Bureau of Reclamation, the Fish and Wildlife Service's consultation letter, and previous work conducted as part of Phase 1 indicate that bull trout inhabit the lower Yakima River in extremely low numbers and are not likely to be found near the project area due to high water temperatures. The National Marine Fisheries Service consultation letter concurs that the proposed action will not adversely affect steelhead, and additional flow resulting from the project will benefit steelhead. No work will occur in or near any surface water.

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

Where applicable, the proposed project will use native plant species to restore disturbed areas to original vegetated condition. In agricultural areas, land will be restored to like crops.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds other:

mammals: deer, bear, elk, beaver, other (small mammals)

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

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

Bull trout and steelhead are present in the Yakima River. Sage grouse historically occurred in Benton County; however, Benton County populations have likely been extirpated. American white pelicans are known to occur in Benton County but are not likely to be present within the project area.

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

Yes, the project area lies within the Pacific flyway for migratory birds. However, the project is not anticipated to have an impact on bird migration. The migration route of steelhead and bull trout in the Yakima River, 350 feet from the project site, will not be impacted. No wildlife migration routes are known within the project area, and no hiding cover will be removed.

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

It is unlikely that construction activities from Phase 3B will negatively impact wildlife. During construction, birds and wildlife could potentially leave the area temporarily; however, no permanent impacts are expected. In addition, any disturbed areas will be restored after construction.

The pressurized distribution system will also reduce the volume of runoff associated with crop irrigation through better control at the local level, improving water quality within the Yakima River basin.

6. Energy and natural resources

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.

The completion of Phase 3B will not require any energy; however, once constructed, electric energy will be used by the pump stations installed in earlier phases.

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

The proposed project will not affect the potential use of solar energy by adjacent properties.

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:

Phase 3B will not involve any energy conservation features; however, premium efficiency pumps have been installed instead of standard efficiency pumps and variable speed drives were also installed in earlier phases to conserve energy.

7. Environmental health

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.

There will be a number of hazardous materials on site during construction including petroleum products such as gas and hydraulic fluids. The contractor will be required to follow a Spill Prevention Control and Countermeasure (SPCC) Plan.

1) Describe special emergency services that might be required.

No special emergency services are anticipated.

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

Washington Administrative Code (WAC) will be followed when any hazardous materials are encountered.

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 that will 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.

Short-term impacts to noise levels during construction will occur with the running of equipment for pipe trench excavation. Construction will take place between 7 a.m. and 6 p.m. to reduce noise impacts on neighboring residences. Long-term impacts to noise levels are not expected. In addition, Benton County Code 6A.15 exempts noise generated as a result of construction equipment and agricultural activities.

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

Construction will be restricted to the hours between 7 a.m. and 6 p.m. to minimize noise impacts on neighboring residences.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The project and adjacent properties are primarily commercial and residential housing. Other minor land use in the project area include agricultural land. Most of the construction will occur along existing roads, minimizing the impacts to homeowners, private landowners, and the environment.

b. Has the site been used for agriculture? If so, describe.

Adjacent land has been used for agriculture; however, most of the pipeline will be along roadsides, reducing impact on agricultural land.

c. Describe any structures on the site.

All construction will be done alongside roads, orchards, and residential/commercial properties.

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

Abandoned irrigation boxes will be removed and disposed of in accordance with local codes.

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

Zoning within the project area includes areas within the Benton City limits, Benton City Urban Growth Area, and small areas classified as Rural Lands 5 (see Figure 5).

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

The Benton County Comprehensive Plan 2008 states that the Phase 3B site is designated primarily within the City limits, with portions in Rural Land 5 and the Urban Growth Area of Benton City.

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

Not applicable, the nearest shoreline being the Yakima River, more than 200 feet from the site.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No portion of the site has been classified as environmentally sensitive.

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

The project will not increase or decrease the number of people living within the project area. Once the project is completed, the irrigation system will require periodic inspections by one full-time employee (FTE) and one part-time employee (PTE) to ensure that there are no leaks in the system. In the event maintenance is needed, more resources may be needed for reparations.

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

The project will not displace any residents.

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 proposed project is composed of a lateral system that is consistent and compatible with the existing zoning, comprehensive plan, and shoreline master plan designations by providing infrastructure to efficiently deliver water needed for rural and agricultural purposes as well as increasing the in-stream volume of water to improve aquatic ecosystems.

9. Housing

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.

None.

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

Not applicable.

10. Aesthetics

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

Phase 3B does not include the construction of any buildings or aboveground structures.

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

No views will be altered or obstructed as a result of the proposed project.

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

Disturbed areas will be reseeded and gravel placed for restoration to reduce aesthetic impacts.

11. Light and glare

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

The proposed project will not generate light or glare.

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

No.

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:

The proposed project will not generate light or glare.

12. Recreation

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

Walking, running, bicycling, or recreational vehicle use are potential recreational opportunities within the project vicinity. The proposed project will not impact or affect recreational opportunities.

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:

The proposed lateral system will be underground and will not require any additional measures to limit the impacts on recreation.

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

A cultural resource study is being conducted by Rockeye CRM. Once the cultural resource survey has been completed, a Cultural Resources Report will be provided to the Benton County Planning Department. Because much of the lateral system will be placed in areas previously disturbed, it is not expected that any sites will be impacted that are or could be proposed for national, state, or local preservation registers.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

There are currently no known sites or artifacts of cultural significance on or adjacent to the project area. Once the cultural resource survey has been completed, the Benton County Planning Department will receive a copy.

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

In an effort to minimize impacts to potential cultural resources, the sub-main laterals were located, to the extent possible, within areas previously disturbed and along existing roads. If cultural resources are discovered and will be impacted by the proposed project, additional measures will be implemented as necessary. An accidental discovery clause will be included in the project specifications.

14. Transportation

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

Roads accessing the construction sites include Old Inland Empire Highway, Horne Road, and various roads throughout the city (see Figure 1).

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

There are nine public transit stops adjacent to the work area for this phase.

c. How many parking spaces would the completed project have? How many would the project eliminate?

Phase 3B does not include the construction or elimination of any parking spaces.

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

No.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation?

If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

The proposed project, upon completion, will generate less than one vehicle trip per day. The underground lateral system would generate vehicle trips only if there is a problem or routine inspection of the system. Peak travel times would occur during the irrigation season.

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

There will be no impacts to transportation from the completed project. During construction, temporary impacts to transportation may occur as a result of more traffic congestion (with additional equipment). Flaggers and traffic control will be used to ensure pass-ability.

15. Public services

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

The proposed project would not result in an increased need for public services.

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

Not applicable.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

The majority of Phase 3B is located in the City limits; therefore, all of the above are available at the site.

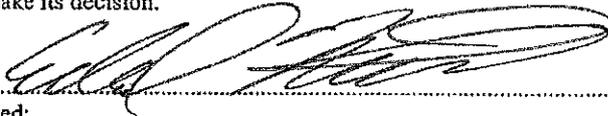
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Electricity will not be required for Phase 3B.

C. SIGNATURE

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:



Date Submitted:

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

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Critical Area Review Completed by *Shukh Prasad* on *8/24/2012*.

Application approved for processing by *Shukh Prasad* on *8/24/2012*.

Zoning *RLS + UGAR* Comp Plan Designation _____