

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: [\[help\]](#)

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:

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: [\[help\]](#)

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: [\[help\]](#) Kennewick Irrigation District Central Storage Reservoir
2. Name of applicant: [\[help\]](#) Kennewick Irrigation District
3. Address and phone number of applicant and contact person: [\[help\]](#)

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4. Date checklist prepared: [\[help\]](#) January 20, 2022

5. Agency requesting checklist: [\[help\]](#)

SEPA Co-Leads: Kennewick Irrigation District (KID) and
Washington State Department of Ecology (Ecology)

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

The draft preferred alternative includes a range of proposed timing/scheduling that is dependent on funding, permitting, district priorities, and need. The most aggressive schedule would be construction beginning in 2024 with a completion of construction in 2030, or could be as long as 2045.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

The programmatic review of this Project will look at more far-ranging alternatives than the initial draft preferred alternative of an approximately 12,000 AF water storage reservoir. These alternatives will evaluate areas that could potentially integrate with goals of the Yakima Basin Integrated Plan where and when that is available and does not interfere with the primary purpose of the proposal: improving drought resiliency for the Kennewick Irrigation District. These alternative elements include, but are not limited, to managed aquifer recharge and recovery, hydropower generation, and enhancing ecology benefits.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

It is anticipated that an EIS will be prepared in support of this project. We have built a robust resources library, that library is located at <https://www.kid.org/resourcelibrary/>.

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. [\[help\]](#)

No known applications for governmental approval of other proposals are affecting the property covered by this proposal.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

The permits listed include the full range of potential alternatives under programmatic review; all of these permits are not anticipated to be needed if the draft preferred alternative is selected following completion of an EIS.

Benton County

- Building, Grading, Plumbing Permits
- Franchise Agreement (already obtained)

Benton Clean Air Agency

- General Order of Approval for Stationary or Portable Rock Crushers

State of Washington

- Labor and Industries Electrical Permits
- SEPA – co-lead agency per statute.
- Construction Stormwater NPDES Permit
- Sand and Gravel General Permit for Portable Facilities (NPDES)
- Dam Construction Permit – Required for impoundments over ten (10) acre-feet
Dam Safety Permit
- Reservoir Permit – Required for impoundments over ten (10) acre-feet.
- Water Right Permit – Would be required for diversion of water above and beyond existing KID permits, such as additional “winter flows” to fill the reservoir.

Other local, state or federal permits as identified during scoping.

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

The draft preferred alternative is to construct an approximately 12,000 AF water storage reservoir on approximately 330 acres that KID currently owns. The purpose for the project is improving drought resiliency for KID. There are several other items that will be evaluated as part of the programmatic evaluation of additional reservoir sites, as well as managed aquifer recharge and recovery, hydroelectric generation, and other potential ecological benefits such as augmenting in-stream flows.

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. [\[help\]](#)

The draft preferred alternative is on approximately 330 acres that KID owns near the intersection of Badger Canyon Road and Badger Road in unincorporated Benton County. This site is located within Section 7 and 18, of Township 8 North, Range 28 East, Willamette Meridian. In the programmatic evaluation of alternatives, KID will be reviewing other sites for additional or alternative storage locations. These sites are near Badger Road and Canyonview PRNE (Webber Canyon Site) Section 27 and 34, of Township 9 North, Range 27 East, Willamette Meridian and near Graham Road (Graham Road Site) Section 10 and 15, of

Township 9 North, Range 26 East, Willamette Meridian, adjacent to KID's Main Canal, both located in unincorporated Benton County. Other locations for storage will be evaluated as deemed appropriate through the EIS analysis. The project will include to-be-determined sites for excess fill materials. A vicinity map of the draft preferred alternative site is located at <https://www.kid.org/kid-capital-projects/> that shows the location of the proposed project.

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth

a. General description of the site [\[help\]](#)

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

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

The project site is generally flat with slopes of less than 15%.

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. [\[help\]](#)

According to the US Department of Agriculture, Natural Resources Conservation Service the soils in the site are classified as Warden Silt Loam (WdA, WdB, WdC, WdD), Esquatzel Silt Loam (EuA), and Scootney Silt Loam (ScB).

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

None known.

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. [\[help\]](#)

The draft preferred alternative will consist of exporting excavated material as the water storage reservoir is constructed. Suitable materials for the construction of the embankment, including but not limited to, chimney drain material will be imported to the site if subsurface conditions are found to not include these materials. It is anticipated that the entire approximately 330 acres of the Badger Canyon Road Site will be disturbed as part of the project activities. Disposal of the waste materials will be at a site(s) determined as part of the environmental review process. This waste material will range from 2.5 million to 25 million cubic yards depending on the final construction plan. Sources of imported fill materials, if needed, will come from rock producers in the region.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

Although it is possible, erosion is not anticipated to be in large quantities. Grading of the site could result in minor occurrences of rill erosion on bare dirt surfaces during construction if precipitation occurs. Stormwater and any resulting erosion is anticipated to be contained within the site during the construction process. In addition, wind erosion can occur during construction, but will be kept to a minimum through use of erosion control best management practices. Following construction, erosion is

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not anticipated on the site due to the construction of erosion control as part of the project (e.g., vegetation, crushed surfacing, and impervious surfacing).

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

The draft preferred alternative includes a lined irrigation reservoir. Programmatic evaluation of managed aquifer recharge at the site could include evaluation of an unlined reservoir or a portion of the reservoir being unlined. This will result in approximately 75% of the site being impervious. Most other areas outside of the reservoir within the Badger Canyon Site will be finished with pervious surface treatments.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

Appropriate best management practices will be employed to reduce erosion at the project site, as warranted (e.g., vegetation, crushed surfacing, and impervious surfacing).

2. Air

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

Fugitive dust would be expected to be present as a result of the grading activities that will occur as part of the proposed project. Diesel emissions would result from construction machinery.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Appropriate best management practices will be employed to reduce and control emissions to the air at the project site, as warranted.

3. Water

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

There are no surface water bodies in the immediate vicinity of the site. There are two man-made irrigation ponds on the site that will be removed as part of the project. The canal will eventually drain into the Columbia River.

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

Yes, the two man-made irrigation ponds will be removed by this project.

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

None.

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

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

No.

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

None intended. Very minor amounts of sediments and fuel/lubricants from heavy machinery could accidentally discharge onto the site during construction or operation. Best Management Practices will be used to contain all waste materials.

b. Ground Water:

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

The programmatic review will include expansion of KID's existing recapture/reuse of water stored in the shallow aquifer. This activity has been on-going since 2016.

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

The programmatic review will include a managed aquifer recharge component for recharge of the shallow aquifer.

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. [\[help\]](#)

Any potential water runoff (including stormwater) at the site will be retained on-site and reused as a part of the construction efforts. Stormwater after construction will be retained on-site (up to the 25-year event outside of the reservoir prism) and then discharged through traditional stormwater facilities along Badger Road. All incidental stormwater falling within the reservoir prism will be retained in the reservoir for use.

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

None intended. Although possible, it is unlikely that minor waste materials would enter ground waters as water infiltrates into the subsurface after spilled onto the ground. If a discrete spill occurred, these waste materials would be collected as per best management practices.

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

No, the drainage patterns will not change. The proposed project is bounded to the up-gradient side by the KID Main Canal, which intercepts any drainage in the vicinity of the project. Stormwater from the site (if any) would continue to drain to the roadside ditch along Badger Road.

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

As needed, best management practices will be used to reduce sedimentation and waste spills off-site during project construction. Runoff, including from stormwater, is expected to be minimal with negligible impact post-construction.

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

a. Check the types of vegetation found on the site: [\[help\]](#)

- ☒ 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? [\[help\]](#)

Some sagebrush will be removed as well as some cheatgrass and other grasses, , trees, and herbaceous weeds located on the property. Areas of crop vegetation will be removed as well.

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

None known.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

The draft preferred alternative is a reservoir with no dedicated landscaping; however, under the programmatic range of alternatives, we will consider vegetation enhancements. In areas outside of the reservoir prism and crushed surfacing, some low water use vegetation will be installed to reduce potential erosion at the site.

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

None known.

5. Animals

- 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: [\[help\]](#)

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

mammals: deer, bear, elk, beaver, other: Townsend's Ground Squirrel

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

- b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

No threatened or endangered species are known to occur on or near the site, but ferruginous hawks and Townsend's ground squirrels could find suitable habitat in the open spaces nearby on the project location.

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)

The site is located within the greater Pacific Flyway, a major west coast bird migration route.

- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

Some benefits will be incidentally provided for the enhancement of wildlife through the construction of a reservoir of this size, although not specifically an objective of the draft preferred alternative. Although no proposed measures are planned, if enhancements are identified through the scoping and programmatic review, KID will opportunistically review potential enhancement to these features and could add them to alternative selected.

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

None known.

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. [\[help\]](#)

Electricity will be needed for the irrigation pumps. This is planned to be provided by Benton PUD. Future hydropower considerations will be evaluated under the programmatic view of the project.

- b. Would your project affect the potential use of solar energy by adjacent properties?
If so, generally describe. [\[help\]](#)

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: [\[help\]](#)

The irrigation pumps will be higher efficiency pumps.

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. [\[help\]](#)

None known.

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

None known.

- 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.

None known.

- 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.

None will be stored, used, or produced.

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

None.

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

None proposed.

b. Noise

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

Some traffic noise occurs, as well as, noises associated with rural residential, farmland and construction areas.

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. [\[help\]](#)

During project construction, generated noise would be related to construction activities, such as, heavy machinery noises. Such noise would occur from approximately 7AM to 10PM. More information related to the construction schedule and plans will be reviewed in the EIS. Post construction, there would likely be less noise than the current agricultural conditions.

3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

Work would occur during normal daytime working hours weekdays and occasional weekends, reducing noise at night that may disturb area residents. Work will conform to Benton County noise ordinance.

8. Land and shoreline use

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. [\[help\]](#)

The site is currently a production irrigated farm. Adjacent properties include the KID Main Canal with turnouts, and an adjacent maintenance road. Adjacent properties include rural residential, farmland, and undeveloped.

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? [\[help\]](#)

The site is currently utilized for farming, and these properties have been leased and farmed for a number of years for circle irrigated rotational row crops. The entire site is proposed to no longer be farmed. This will result in a reduction of at approximately 300 acres of farming.

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:

This project will provide drought resiliency to the Kennewick Irrigation District's customers including over 10,000 acres of agriculture.

c. Describe any structures on the site. [\[help\]](#)

No structures are located on the site.

d. Will any structures be demolished? If so, what? [\[help\]](#)

There are no structures on the site.

e. What is the current zoning classification of the site? [\[help\]](#)

The site is zoned RL-5.

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

The site is designated rural remote.

g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

Not applicable

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
[\[help\]](#)

No.

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

There will be no additional residences as part of the project. The addition of a reservoir will likely lead to additional maintenance trips to the site, of approximately 2 trips per day, and occasional major maintenance items will include additional personnel similar to what the adjacent canal experiences.

j. Approximately how many people would the completed project displace? [\[help\]](#)

None

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

None proposed

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

The proposed project will provide drought resiliency to the Kennewick Irrigation District's Customers.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The proposed project provides for drought resiliency, which helps to ensure continued use of agricultural lands.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

None

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? [\[help\]](#)

A maintenance facility is planned as part of the construction efforts. This maintenance facility will be a steel building with steel siding and a steel roof. The approximate height of the building will be 20 to 24 ft.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

Views under the draft preferred alternative would generally change from agricultural uses to open water area. The EIS will contain a view shed analysis of aesthetic impacts of the project.

- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

KID will evaluate techniques for blending site features and other best management practices to address potential aesthetic.

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

Security lighting for canal and reservoirs will be constructed to reduce light or glare to neighboring properties by using down casting lighting. In addition, some light may be produced by lighting provided if work at dawn/dusk is required to complete the project. Some glare from the windows/mirrors on the equipment may be present during the daytime hours.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

None

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

None proposed.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

There are none; the property is actively farmed. There is some unauthorized use of the adjacent canal by pedestrians.

b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

Recreation is not proposed as part of the draft preferred alternative; however, recreation amenities will be evaluated as part of the programmatic review.

13. Historic and cultural preservation

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 located on or near the site? If so, specifically describe. [\[help\]](#)

The Kennewick Irrigation District Main Canal has been determined eligible for listing.

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. [\[help\]](#)

None known. Two studies that recently were conducted that looked at potential cultural and archaeological resources at or near the site are "Cultural Resources Survey Report for the Kennewick Irrigation District National Environmental Policy Act Title Transfer from the Bureau of Reclamation, Benton County, Washington," and "Archaeological Survey Report for the Kennewick Irrigation District Title Transfer Project, Benton County, Washington."

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. [\[help\]](#)

Consultation with the Dept. of Archaeology and Historic Preservation Searchable Database. In addition, potentially impacted tribes such as the Confederated Tribes of the Umatilla Indian Reservation (CTUIR), and the Yakama Nation (YN) have been and will be consulted during this process.

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.

Stop and follow Kennewick Irrigation District's inadvertent discovery program. Also, a comprehensive, site specific archaeological and cultural resources survey will be commissioned for the project, with measures included to avoid, minimize, or to compensate for loss, changes to, and disturbance to said resources.

14. Transportation

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

S Badger Canyon Rd and Badger Road.

- 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? [\[help\]](#)

The site is not served by public transit. The nearest transit stop is approximately 6.5 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? [\[help\]](#)

Preferred alternative has adequate parking for maintenance activities.

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

No

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

No

- 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? [\[help\]](#)

The completed project will include an estimated 4 trips per day by maintenance personnel.

- 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: [\[help\]](#)

None

15. Public services

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

No

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

None proposed

16. Utilities

a. Circle utilities currently available at the site: [\[help\]](#)

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. [\[help\]](#)

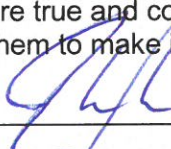
Upgrading the Benton PUD power lines to provide for power for the irrigation pumps.

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 _____


JASON MCSHANE

Position and Agency/Organization ENGINEERING/OPERATIONS MGR KENNEWICK FISH. DISTRICT

Date Submitted: FEB. 9, 2022

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS [\[help\]](#)

(IT IS NOT NECESSARY to 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.