

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

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

Instructions for applicants:

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

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

Instructions for Lead Agencies:

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

Use of checklist for nonproject proposals:

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

A. Background **[HELP]**

1. Name of proposed project, if applicable:
Columbia Basin Wildlife Area - Wetland Infrastructure Maintenance
2. Name of applicant: Richard S. Finger

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

Washington Department of Fish and Wildlife
1550 Alder Street NW
Ephrata, WA 98823
509-754-4624 x229

4. Date checklist prepared:

3/26/18

5. Agency requesting checklist:

WDFW

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

Ongoing maintenance to occur on an as-needed basis, with the potential to occur annually.

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

No

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

1. SEPA#201702113, DNS, Winchester Boat Launch
 - a. CE Winchester WW Boat Launch Reloc
 - b. DNS Adoption 17-021 Winchester WW Boat Launch Reloc
 - c. Maps Winchester WW Boat Launch Reloc
2. SEPA#200202910, DNS, Winchester Reserve Wetland Project
3. FONSI and Final EA Winchester Wasteway Wetland Enhancement 2003
 - a. PN FONSI 03-06
4. FONSI and Final EA Winchester Wasteway Wetland Enhancement 2018
 - a. In Progress
5. Cultural Resource Survey for the Winchester Reserve and Reserve Access Area #2, Grant County, Washington.
6. Quincy-Columbia Basin Irrigation District Spill Prevention, Control, and Countermeasure Plan", November 2014.

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

No

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

- SEPA
- HPA
- County Shoreline Exemption

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.)

The proposal involves maintenance and protection of infrastructure by annually removing accumulated sediments and vegetation either naturally occurring or placed by beaver. Much of these lands are owned by the Bureau of Reclamation and are managed by WDFW under a 25-year Management Agreement which gives WDFW the authority to manage habitat and recreational opportunities. Activities will be occurring at 5 distinct locations:

At Stan Coffin Lake culverts will be maintained by dredging with an excavator.

At Burke Lake culverts will be maintained by dredging with an excavator, a flow-through area that has silted in will be dredged with an excavator, and a flat pad of fill material will be placed for the excavator to work from to reach the flow-through area.

At No Name Lake culverts will be maintained by dredging with an excavator and, if necessary, removing a beaver dam with an excavator that is encroaching on the roadway, which is often flooded with water.

At Winchester Reserve ditches will be maintained by dredging with an excavator.

At Dodson Boat Launch accumulated sediments will be dredged with an excavator from boat launch planks and, if necessary, boulders will be placed with an excavator to divert flows away from the launch to reduce sediment accumulation.

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.

Grant County. All five project locations shown below.

Stan Coffin Lake - T19R23S10

Burke Lake – T19R23S15

No Name Lake – T19R23S22

Winchester Reserve – T18R25S12, T18R26S27, T18R26S18

Dodson Boat Launch – T18R26S15

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

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

a. General description of the site:

Flat

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

45%

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.

Wanser-Quincy fine sands, 0 to 5 percent slopes

Starbuck-Bakeoven-Rock outcrop complex, 0 to 45 percent slopes

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

Yes. At Dodson boat launch the sandy soils are unstable along the Winchester Wasteway channel. The boat launch project was armored with quarry spalls to reduce erosion.

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.

At each project site sediments will be removed to maintain functional state of infrastructure. Excavation area and quantities, and total affected area described below. Values below represent maximum material removal during the first event and expected maintenance levels (annual) are in parentheses.

	Max. Excavation Area, Sq. Yds	Max. Material Removal, Cu. Yds *maintenance level in parentheses
Burke Lake	409	323 (30)
Stan Coffin Lake	100	59 (30)
No Name Lake	221	218 (30)
Winchester Ditches	348	2,159 (500)
Dodson Boat Launch	53	18 (18)

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

Erosion is always occurring at these sites, which is why we have to remove sediment deposits, but we do not expect maintenance activities to accelerate erosion in any way.

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

0%

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

Sediment will be placed in adjacent uplands in such a manner as to minimize re-entry into the stream channel.

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

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

Emissions will occur from equipment operation. Quantity unknown.

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

No.

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

None.

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

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

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

- **Burke Lake** outflows into Dusty Lake, which has no outflow.
- **Stan Coffin Lake** outflows through H Lake and Judith Pool before entering Ancient Lake, which has no outflow.
- **No Name Lake** outflows into Evergreen Reservoir where a siphon spills down a series of smaller lakes and ultimately into Dusty Lake, which has no outflow.
- **Winchester Wasteway** flows into Potholes Reservoir, where water is directed by the Potholes Canal to the South Irrigation District.

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

Yes, plans attached. The project involves the removal of sediment and deposits and aquatic vegetation to maintain infrastructure in a working condition.

- 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.

Values below represent annual maximum material removal, however, these values are more likely to reflect the removal over the 5-year term of the permit. Materials placement on Winchester/Dodson Boat Launch would occur as a one-time action and would be limited to less than 50 cubic yards of material.

- Burke Lake, up to 409 sq. yd. of area, up to 323 cu. yd. of sediment removal.
- Stan Coffin Lake, up to 100 sq. yd. of area, up to 59 cu yd. of sediment removal.
- No Name Lake, up to 221 sq. yd. of area, up to 218 cu yd. of sediment removal.
- Winchester Ditches, up to 4,610 sq. yd. of area, up to 3,135 cu. yd. of sediment removal.
- Winchester/Dodson Boat Launch, up to 53 sq. yd. of area, up to 35 cu. yd. of sediment removal, and up to 50 cu. yd. of stabilization materials (lg. boulders, ecology block, or Jersey barrier).

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

No.

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

All areas occur within FEMA Zone A and is described as "Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.

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

No.

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

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

No.

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

None.

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.

No changes to water runoff as a result of this project.

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

Yes, if equipment has a fuel or hydraulic leak. Quincy Irrigation District, or another contractor, will likely be contracted to do the work and they regularly and routinely perform these types of activities and are prepared for prevention and control under the Quincy-Columbia Basin Irrigation District Spill Prevention, Control, and Countermeasure Plan, November 2014.

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

Yes, the proposal is intended to maintain infrastructure that allows lakes to drain without destroying roads, and ditches to function to maintain wetland enhancement projects.

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

None.

4. **Plants** [help]

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

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

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

Tall emergent vegetation (cattail, bulrush, common reed), submerged aquatic vegetation (milfoil, pondweeds)

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

None.

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

None.

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

Common reed, purple loosestrife.

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

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

Examples include:

birds: hawk, heron, eagle, songbirds
mammals: deer, beaver, muskrat
fish: bass, trout, perch, walleye, tiger musky

- b. List any threatened and endangered species known to be on or near the site.
None.

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

Yes. Waterfowl migration.

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

Maintaining these water control structures and ditches will preserve and enhance wildlife habitat and serve to avoid catastrophic washouts.

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

None.

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

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

Completed project has no energy needs.

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

No.

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

None.

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

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

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

None.

- 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.

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

None.

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

None .

b. Noise

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

Blowing wind, vehicle traffic, calling birds, planes flying over.

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.

Operation of heavy equipment will create noise during daylight hours.

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

None. No residences nearby and activity will occur during weekdays when recreational activity is relatively low.

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

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

Recreation. The proposal will ensure that water levels can be appropriately managed and will therefore improve recreation by reducing flooding issues.

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?

No.

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

No.

c. Describe any structures on the site.

Winchester/Dodson Boat Launch has 1 vault toilet.

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

No.

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

Undeveloped Land.

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

Open space, recreation.

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

Stan Coffin Lake – Public Recreation Conservancy

Burke Lake - Natural

No Name Lake – non jurisdictional

Winchester Reserve – non jurisdictional

Winchester Boat Launch – non jurisdictional

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

Unknown.

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

None.

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

None.

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

NONE.

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

Compatible with the intent of the Columbia Basin Wildlife Area Management Plan.

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

None.

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

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

None.

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:

None.

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

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

None.

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

None.

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

None.

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

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

None.

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

None.

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

None.

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

None.

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

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

Fishing, camping, hunting, hiking, bird-watching.

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:

Project will reduce flooding impacts and allow for better shoreline access and camping opportunities.

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

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

None known.

- 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.

None known.

- 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.

None. We will only be removing accumulated sediments adjacent to existing water control structures. Excavations above and beyond maintenance level will require Section 106 compliance.

- 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.

Excavation will only occur within the recent alluvial sediment deposits. Excavation will not exceed what is necessary to facilitate water flow. Work will be stopped and an 'unanticipated discovery form' will be followed in the event that a cultural resource is found.

Sediment will be deposited in previously disturbed sites at Stan Coffin, Burke, and No Name Lakes. For the Winchester Boat Launch the disposal location would be a corner of the previously disturbed parking lot directly west of the boat launch.

For The Winchester Reserve the excavated sediment would be placed immediately adjacent to the excavation in the previously excavated spoil piles from the initial excavation of the ditch. Sediments would be deposited approximately 25ft immediately west of the project footprint for the length of ditch.

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

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

The Wildlife Area manages and maintains a public road through the area. Access will not change.

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

No.

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

None.

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

No.

- e. Will the project or proposal 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 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?

No change.

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

No.

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

None.

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

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

No.

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

None.

16. Utilities [help]

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

None.

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.

None.

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 Richard Scott Finger

Position and Agency/Organization: Lands Operations Manager, Wa. Dept. Fish and Wildlife

Date Submitted: 04/17/2018