

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

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: Manastash Creek Flood Damage Repair
2. Name of applicant: Clayton R. Snyder
3. Address and phone number of applicant and contact person: 17941 Manastash Road, Ellensburg, WA 98926
Phone: 509-925-6906
4. Date checklist prepared: 8/10/2011
5. Agency requesting checklist: Washington Dept. of Fish and Wildlife
6. Proposed timing or schedule (including phasing, if applicable): ASAP – Work to be completed during 2001 summer-fall low flow period. Work must be completed prior to onset of winter weather, with higher stream flows and likelihood of rain-on-snow flooding.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
NO plans for additional work

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

No additional information other than that provided in JARPA

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.

Hydraulic Project Approval from Washington Dept. of Fish and Wildlife
Shoreline Substantial Development Permit Exemption from Kittitas County

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.)

Manastash Creek experienced two major flood events during the spring of 2011. The May 15-16 event appeared to have reached near 100-year flood conditions. Within the project area, large quantities of bedload were deposited in front of and under the two bridges. These gravel bars substantially reducing their conveyance capacity of the bridges and adversely affect flow conditions at the bridges. The creek washed a new channel around the south end of the Whitfield bridge making the bridge unusable, the abutment footings of both the Whitfield and Clark bridges were exposed by scour, and severe bank erosion occurred in several places in the project area.

The proposed repair will redistribute the gravel bar material to restore the conveyance capacity of both the Whitfield and Clark-Yukert bridges to their original design (this will also re-bury the abutment footings). The new channel behind the Whitfield bridge south abutment will be closed, the stream bank repaired and shaped to return the stream flow under the bridge, and the bridge approach road fill replaced. The bank barb constructed during the flood at the Whitfield bridge site will be relocated to better direct flow under the bridge. The gravel plug will be removed from the secondary channel immediately downstream of the Clark-Yukert bridge and woody debris shall be relocated to the south bank and configured as a "debris jam" deflector to protect the eroding portion of bank and provide habitat for fish. All disturbed streambank areas within the project area shall be planted with willow cuttings and/or transplants of willow and redosier dogwood.

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.

Location crosses 3 properties whose street addresses are 17941, 17741, and 17743 Manastash Road, Ellensburg, WA 98926

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

Manastash Creek floodplain, gently sloped

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

3%

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.

Sand, gravel, cobble

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

Yes, steep eroding bank at SE end of project area

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

No fill or grading of site. All work is related to stream channel

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

Little or no risk of erosion

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

NONE

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

Minimal impact to earth. All earthen areas will be protected from erosion at the completion of work.

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.

Temporary construction dust and exhaust from one trackhoe.

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

NONE

c. Proposed measures to reduce or control emissions or other impacts to air, if any: None

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.
Yes, Manastash Creek
- 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, see narrative in section A-11 above and the attached information from JARPA
- 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.
Between 500 and 900 cubic yards of gravel bar material will be redistributed in the channel as shown in plans. Up to 40 cubic yards of large boulders (riprap) may be placed at bridge wing walls and toe of eroding banks.
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
NO
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
YES
- 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:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? 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.
NOT APPLICABLE
- 2) Could waste materials enter ground or surface waters? If so, generally describe.
NO

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:

X _____ deciduous tree: alder, maple, aspen, other

X _____ evergreen tree: fir, cedar, pine, other

X _____ shrubs

X _____ grass

_____ pasture

_____ crop or grain

X _____ 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?

No vegetation removal anticipated. Minor alteration of down live trees on shoreline which will be re-incorporated in the bank.

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

No T&E plants known to be on the site

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

All disturbed areas revegetated with native willow and other suitable riparian plants

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:

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

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

Mid-Columbia steelhead potentially present but not confirmed.

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

No

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

Incorporate woody debris and native plants into eroded or disturbed shoreline areas to restore habitat for fish and wildlife.

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.

Not Applicable

- 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:

Not Applicable

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.

NO

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

Not Applicable

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

Not Applicable

b. Noise

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

Not Applicable

- 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.

Temporary construction noise from operation of heavy equipment

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

None

8. Land and shoreline use

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

Rural residential

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

NO

c. Describe any structures on the site.

Three residences, one travel trailer

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

No

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

R-3

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

Unknown

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

Rural

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

NO

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

Not applicable

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

None

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

Not applicable

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Not applicable

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.
Not applicable
- 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?
Not applicable
- b. What views in the immediate vicinity would be altered or obstructed?
Not applicable
- c. Proposed measures to reduce or control aesthetic impacts, if any:
Not applicable

11. Light and glare

- 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?
Not applicable
- c. What existing off-site sources of light or glare may affect your proposal?
Not applicable
- d. Proposed measures to reduce or control light and glare impacts, if any:

Not applicable

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Outdoor recreation in the National Forest such as hiking, hunting, fishing, driving of cars, ORVs snowmobiles, etc.
- 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:
Not applicable

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.

NO

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

None known

- c. Proposed measures to reduce or control impacts, if any:
Work will occur only in highly disturbed areas where archaeological or historic materials not present

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.

Manastash Road in Kittitas County

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

NO

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

Not applicable

- 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.
None

g. Proposed measures to reduce or control transportation impacts, if any:
Not applicable

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.
NO

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.

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.
Not applicable

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: Clayton Snyder

Date Submitted: 8-10-2011

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.