

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:

The complete checklist, including the "supplemental sheet for nonproject proposals" (part D), should be completed for nonproject proposals (such as proposals for redesignation of land-use designation or density designation).

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. Where a question asks for information that is not pertinent to a nonproject proposal, the question may be answered "does not apply."

ENVIRONMENTAL CHECKLIST

A. Background

1. **Name of proposed project or nonproject action, if applicable**
Six-Year Transportation Improvement Program (TIP)
2. **Name of applicant:**
San Juan County Public Works Department
3. **Address and phone number of applicant and contact person:**
Colin Huntemer, County Engineer
Public Works Department
PO Box 729
Friday Harbor, WA 98250
(360) 370-0514
colinh@sanjuanco.com
4. **Date checklist prepared:**
August 7, 2018
5. **Agency requesting checklist:**
San Juan County Department of Community Development
6. **Proposed timing or schedule (including phasing, if applicable):**
2019 to 2024
7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**
Yes, each project listed on the TIP may include engineering (PE), right of way (RW), and construction (CN).
8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**
Each project listed on the TIP will be required to individually receive all necessary entitlements and permits.
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.**
None known.
10. **List any government approvals or permits that will be needed for your proposal, if known.**
The TIP requires approval by the County legislative authority. Additionally, each project listed on the TIP may require individual permits from the County, the State, and the Federal government.
11. **Give brief, complete description of your proposal, including the proposed uses, the size of the subject area or project site, and current (and proposed, if different) land use and density designations. [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.]**
A brief description for each project is attached to the TIP.
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. Give the legal parcel number (12 digits). 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.**
A vicinity map for each project is attached to the TIP.

B. ENVIRONMENTAL ELEMENTS**1. Earth**

- a. **General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other**
All descriptions apply.
- b. **What is the steepest slope on the site (approximate percent slope)?**
All slopes apply, from flat earth to vertical rock cuts.
- 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.**
All soil types apply.
- d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**
Unknown at this time. Geotechnical investigations will be performed as necessary.
- e. **Describe the purpose, type, and approximate quantities of any filling or grading proposed.**
Indicate source of fill.
Unknown at this time.
- f. **Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**
Yes. Construction Stormwater General Permits or Stormwater Site Plans will be prepared as necessary.
- g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**
Unknown at this time.
- h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**
Projects will comply with the Stormwater Management Manual for Western Washington as applicable.

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.**
Varies significantly but generally includes emissions from heavy civil construction equipment.
- b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**
Unknown at this time.
- c. **Proposed measures to reduce or control emissions or other impacts to air, if any:**
None proposed at this time.

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. See attached project summaries for location maps.
 - 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 attached project summaries.
 - 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.**
Unknown at this time.
 - 4) **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**
Unknown at this time.
 - 5) **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**
Unknown at this time.
 - 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.

Projects will comply with the Stormwater Management Manual for Western Washington as applicable.

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

Not from our projects, generally.

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

Projects will comply with the Stormwater Management Manual for Western Washington as applicable.

4. Plants

- a. Check or circle types of vegetation found on the site, and describe:

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

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

Unknown at this time.

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

Unknown at this time.

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

Unknown at this time.

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 and describe:

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.

Common ESA listed species in the San Juan Islands include eagles, eel grass, and salmon.

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

The San Juan Islands are a possible migration route for many species.

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

Projects will obtain permits as necessary.

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.

Unknown at this time but assumed to include various motor vehicle fuel and fluids.

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

Unknown at this time.

- 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 proposed at this time.

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.**

Unknown at this time.

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

Unknown at this time.

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

None proposed at this time.

b. Noise

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

Unknown at this time but assumed to include noise from heavy civil construction equipment.

- 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.**

Unknown at this time but assumed to comply with San Juan County's noise ordinance.

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

None proposed at this time.

8. Land and Shoreline Use

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

Varies depending on the specific project. Assumed to include all use designations.

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

Varies depending on the specific project. Assumed to include some prior agriculture uses.

- c. **Describe any structures on the site.**

Unknown at this time. Survey investigations will be performed as necessary.

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

None proposed at this time.

- e. **What are the current land-use and density district classifications of the site?**

Varies depending on the specific project. Assumed to include all use and density designations.

- f. **What is the current comprehensive plan designation (rural, resource, urban, activity center) of the site?**

Varies depending on the specific project. Assumed to include all use and density designations.

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

Varies depending on the specific project. Assumed to include all use and density designations.

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

Unknown at this time.

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

Unknown at this time.

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

Unknown at this time.

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

Compliance with the Federal Uniform Act and the State Right of Way Manual.

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

Projects will obtain land use permits as necessary.

9. Housing

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

None proposed at this time.

- b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**
None proposed at this time.
- c. **Proposed measures to reduce or control housing impacts, if any:**
None proposed at this time.
- 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?**
None proposed at this time.
- b. **What views in the immediate vicinity would be altered or obstructed?**
Unknown at this time.
- c. **Proposed measures to reduce or control aesthetic impacts, if any:**
None proposed at this time.
- 11. Light and Glare**
- a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**
Unknown at this time.
- b. **Could light or glare from the finished project be a safety hazard or interfere with views?**
Unknown at this time.
- c. **What existing off-site sources of light or glare may affect your proposal?**
Unknown at this time.
- d. **Proposed measures to reduce or control light and glare impacts, if any:**
None proposed at this time.
- 12. Recreation**
- a. **What designated and informal recreational opportunities are in the immediate vicinity?**
Unknown at this time but various recreational opportunities are assumed to exist.
- b. **Would the proposed project displace any existing recreational uses? If so, describe.**
Unknown at this time.
- c. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**
None proposed at this time.
- 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.**
Unknown at this time.
- b. **Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**
Unknown at this time.
- c. **Proposed measures to reduce or control impacts, if any:**
Projects will be coordinated with appropriate tribal organizations and Washington State Department of Archeology and Historic Preservation (DAHP) as applicable.
- 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.**
Varies depending on the specific project. See project summaries.
- 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?**
Varies depending on the specific project. All County road projects may impact public 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).**
Yes. See project summaries.
- e. **Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**
Yes. Construction activities generally use all of these facilities.

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

Varies although specific projects are generally not considered traffic generators.

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

The TIP is the County's proposed measure to reduce or control transportation impacts.

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.

None proposed at this time.

16. Utilities

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

Varies depending on the specific project. Assumed to include any and all utilities.

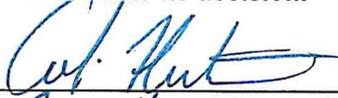
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None proposed at this time. Assumed to include coordination with affected utilities and franchises.

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

COLIN HUNTER

Position and Agency/Organization

COUNTY ENGINEER

Date Submitted:

2018-08-24

D. Supplemental sheet for nonproject 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?**

As there is generally no change to use resulting from the Transportation Improvement Projects, this proposal is not likely to increase any of these items, except during construction. No release of toxic or hazardous substances is anticipated.

Proposed measures to avoid or reduce such increases are: During the project scoping, design, and permitting phases, construction impacts will be evaluated with the intention of minimizing impacts.

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

Some minimal impacts may occur with some of the projects.

Proposed measures to protect or conserve plants, animals, fish, or marine life are: During the project scoping, design, and permitting phases, impacts to plants, animals, fish or marine life will be evaluated with the intention of minimizing impacts.

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

Unknown

Proposed measures to protect or conserve energy and natural resources are: The protection and enhancement of natural resources are considered during design and permitting phases.

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?**

Some of the projects may minimally affect these areas. These impacts are managed and mitigated through the permitting process.

Proposed measures to protect such resources or to avoid or reduce impacts are: The project scoping, design, and permitting will evaluate each of these items.

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?**

Some of these projects will increase public access to specific areas of the shoreline.

Proposed measures to avoid or reduce shoreline and land use impacts are: The purpose of some of the projects is to increase public access to the shoreline. The projects will be planned and designed to provide shoreline access compatible with land and shoreline designations. The project permitting process will evaluate the compatibility to existing plans.

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

Varies although specific projects are generally not considered traffic generators.

Proposed measures to reduce or respond to such demand(s) are: The TIP is the County's proposed measure to reduce or control transportation impacts.

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

Each project will evaluate impacts and regulations. All efforts to comply with regulations are made during project scoping, design, permitting and construction.