

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 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

1. Name of proposed project, if applicable:
10th Street Improvements Project
2. Name of applicant:
City of Gold Bar (John Light)
3. Address and phone number of applicant and contact person:
107 5th Street Gold Bar, WA 98251 (360) 793-1101

4. Date checklist prepared:
April 25, 2017
5. Agency requesting checklist:
City of Gold Bar
6. Proposed timing or schedule (including phasing, if applicable):
**Construction to begin upon receiving necessary approvals and permits.
Approximate start date is Summer of 2017.**
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
There are no plans for future expansions.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
**Boundary and Topographic Survey, prepared by Axis and Survey Mapping
10th Street Improvement Project – ESA Section 7: No Effects Finding, prepared by
Wetland Resources, Inc.**
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.
There are no known governmental approvals of other proposals that will directly affect the subject property.
10. List any government approvals or permits that will be needed for your proposal, if known.
City prepared SEPA, WSDOT ROW Permit, NEPA prepared by USDA, City approved Project Plans/Specifications.
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 proposed project consisting of the construction of curb, gutter, sidewalk, ADA-compliant curb ramps, water main replacement, and storm drainage improvements along the west and east side of 10th Street from State Route 2 to the water meter vault located on Glacier Pl.
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.
The project is situated within the SE ¼ of Section 6, Township 27N., Range 9 E W.M.. Generally located at the intersection of US Highway 2 and 10th St; improvements to 10th St shall proceed northeast to incorporate Glacier Pl.

B. Environmental Elements

1. Earth

- a. General description of the site:
(circle one): **Flat**, rolling, hilly, steep slopes, mountainous, other _____
- b. What is the steepest slope on the site (approximate percent slope)?
0-8% slopes are present on site.
- 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.
Varies from Rocky/Cobble Stones to Ragnar Fine Sandy Loam.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
There is no known history of unstable soils in the immediate vicinity.
- 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.
**±600 CY of excavation and backfill for new water main installation including existing pavement restoration. Native material to be removed and replaced with sand bedding, CSTC backfill and HMA pavement.
±100 CY of excavation and import for sidewalk installation, minor grading for sidewalk construction and pavement edge repairs. Native material to be removed and replaced with CSTC.
±100 CY of excavation and backfill for creation of bioretention swales. Native material to be removed and replaced with gravel backfill, topsoil and 2" ballast rock.
Grading of proposed improvements will match existing elevations closely. Import and export of material is assumed to be approximately equal.**
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Limited erosion could occur as a result of the initial construction; however, erosion control measures will be utilized during construction phase to minimize potential erosion impacts. Temporary erosion control plans will be submitted to Snohomish County for approval prior to any clearing and grading activity.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
±500 SY of new sidewalk and driveway are proposed.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
A Temporary Erosion and Sediment Control (TESC) plan designed in accordance with City of Everett standards will be employed during the construction phase of the project.

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.
Heavy equipment operation and worker's vehicles will generate exhaust emissions to the local air. Construction activity on-site could also stir up exposed soils and generate dust into the local air. The completed project will result in a minor increase in the amount of exhaust related pollutants in the local air from project related traffic.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
The applicant is not aware of any off-site source of emissions that may affect the proposal.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Watering of the site as necessary during the construction phase of the project will help control dust and other particulates.

3. Water

a. Surface Water:

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.

There are no water bodies within the immediate vicinity of the site.

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

No, the project is not within the immediate vicinity of any water bodies.

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.

No fill and/or dredge is proposed to be placed in or removed from surface waters.

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

Surface water withdrawals and/or diversions are not proposed at this time.

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

No, the subject site does not lie within a 100-year floodplain.

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.

There is no proposed discharge of waste materials to surface waters.

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.

No groundwater will be withdrawn from a drinking well.

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

No waste materials will be discharged into the ground.

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.

Temporary Erosion & Sediment Control (TESC) measures will be in place during construction to ensure sediment-laden water does not leave the site.

After construction, bioswales will collect, treat, and infiltrate stormwater runoff.

2) Could waste materials enter ground or surface waters? If so, generally describe. **In accordance with City of Gold Bar requirements, TESC measures will be implemented to prevent waste materials from entering the ground or surface waters during construction. In the developed condition surface runoff will be treated in accordance with City requirements.**

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

No, the runoff will be treated and infiltrated at the natural location.

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

4. Plants

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?
To generate the site grade appropriate for the infrastructure, small areas of grass vegetation will be removed. Restoration will take place upon project completion.
- c. List threatened and endangered species known to be on or near the site.
The site does not contain any known threatened or endangered plant species.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
The project will add vegetation as proposed by the City of Gold Bar. Bioswale plantings will utilize native plants in addition to other plants appropriate for the climate.
- e. List all noxious weeds and invasive species known to be on or near the site.
There are no known noxious weeds on site.

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:

birds: hawk, heron, eagle, songbirds, other: Crows
 mammals: deer, bear, elk, beaver, other: Rabbits, Squirrels
 fish: bass, salmon, trout, herring, shellfish, other: None

- b. List any threatened and endangered species known to be on or near the site.
There are no known threatened or endangered animal species on the site.
- c. Is the site part of a migration route? If so, explain.
Yes, the site is located within the Pacific Flyway Migration Route.
- d. Proposed measures to preserve or enhance wildlife, if any:
The project will add vegetation as proposed by the City of Gold Bar; native plants to be utilized in bioswales as appropriate.
- e. List any invasive animal species known to be on or near the site.
None are known to be on or near the site.

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, not that the applicant is aware of.

- 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.

a. Describe any known or possible contamination at the site from present or past uses.
There is no known contamination located on site.

b. 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.
There is no known contamination located on site.

c. 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.
There are no known existing hazardous chemicals being stored, used or produced on site.

d. Describe special emergency services that might be required.
There are no special emergency services anticipated with this development.

e. Proposed measures to reduce or control environmental health hazards, if any:
Any site-disturbing activities will, at a minimum, comply with the provisions of 29 CFR 1926 and WAC 296-155. As such, a site-specific health and safety plan will be developed. Furthermore, excavated soil will be monitored for visual or olfactory evidence of contamination. If contaminated soils are found, the material from these areas will be separated and managed as contaminated soil thusly, preventing cross-contamination.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
The primary source of noise would be from equipment used during construction.

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.
Construction activities on the site will temporarily increase the peak on-site noise levels. All construction will occur during the City of Gold Bar's approved hours of operation. The complete project would result in a slight increase in ambient noise levels in the vicinity.

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

Construction activity will be limited to hours as specified by the City of Gold Bar of which will mitigate the impacts of potential construction noise.

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.
Adjacent properties are residential and commercial. The project consists of the construction of curb, gutter, sidewalk, ADA-compliant curb ramps, water main replacement, and storm drainage improvements, and the proposal will not affect current use.

- 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?
The applicant is not aware of the subject site ever being utilized as working farm or forest lands.
 - 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:
As the proposal is not within the vicinity of working farm or forest lands, it will not be affected.

- c. Describe any structures on the site.
Not applicable.

- d. Will any structures be demolished? If so, what?
Not applicable.

- e. What is the current zoning classification of the site?
Not applicable.

- f. What is the current comprehensive plan designation of the site?
Not applicable.

- g. If applicable, what is the current shoreline master program designation of the site?
This project is not designated within the shoreline master program.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
No, no part of this project has been classified as a critical area.

- i. Approximately how many people would reside or work in the completed project?
Not applicable as the project will consists of the construction of curb, gutter, sidewalk, ADA-compliant curb ramps, water main replacement, and storm drainage improvements.

- j. Approximately how many people would the completed project displace?
Not applicable.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
Not applicable.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Not applicable.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
The proposed development will not impact agricultural or forest lands.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Not applicable, no dwelling units are proposed.
- 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, no structures are proposed.
- 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?
Not applicable.
- 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?
There are no recreational opportunities in the immediate vicinity.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
Not applicable.
- 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 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.
Not applicable as there are no existing structures on site.
- 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.
The applicant is not aware of landmarks or evidence of any significant historical, archaeological, scientific or cultural resources on or next to the site.
- 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.
Not applicable, the existing use is to remain as this project proposes infrastructure improvements.
- 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.
If any cultural evidence is encountered during construction or installation of improvements, work will be halted in the area, and state approved archaeologist/historian will be engaged to investigate, evaluate and/or curate such resource as appropriate.

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.
10th St, from US Highway 2 to Glacier Pl.

- 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?
Yes, Community Transit: Bus 271 serves the subject site. A Community Transit Bus Stop is located between US Highway 2 and Orchard Street, on the West side of 10th Street.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
Not applicable.
- 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).
The proposed project consists of the construction of curb, gutter, sidewalk, ADA-compliant curb ramps, water main replacement, and storm drainage improvements.
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
The project will not occur within the immediate vicinity of water, rail, or air transportation.
- 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 in vehicular trips is projected.
- 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.
The proposal will not interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area.
- h. Proposed measures to reduce or control transportation impacts, if any:
The improvements will improve/reduce negative impacts to the city.

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.
No increased need for public services is projected.
- b. Proposed measures to reduce or control direct impacts on public services, if any.
The improvements will improve and control direct impacts on public services.

16. Utilities

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other Stormwater

- 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.

No additional utilities are proposed for the project. Existing water and stormwater will be upgraded during site construction. Sidewalk, curd, and gutter will be added during site construction.

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: John L. Light
Name of signee: John L. Light
Position and Agency/Organization: City of Gold B.C. / Public Works Director
Date Submitted: April 27, 2017

D. supplemental sheet for nonproject actions

(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.