

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: **2020 Title 16.36 (Areas of Special Flood Hazard) Code Update**
2. Name of applicant: **City of Issaquah**

3. Address and phone number of applicant and contact person: **City Hall NW, 1775 12th Ave NW, 98027**

4. Date checklist prepared: **04/30/2020**

5. Agency requesting checklist: **City of Issaquah**

6. Proposed timing or schedule (including phasing, if applicable): **Code update must be adopted by August 19, 2020.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **None at this time**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. **No environmental information has not been prepared for this code update. This code update will comply with the Flood Damage Prevention Model Ordinance under the National Flood Insurance Program for Washington State revised 12/09/2019.**

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. **This is a non-project action.**

10. List any government approvals or permits that will be needed for your proposal, if known. **The update to the Areas of Special Flood Hazard code (IMC Title 16.36) will require the approval of an ordinance by the City Council.**

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.) **This is a non-project action. The adoption of this ordinance will update the City's Areas of Special Flood Hazard code (IMC 16.36) to comply with Flood Damage Prevention Model Ordinance under the National Flood Insurance Program (NFIP) for Washington State revised 12/09/2019. As a condition of participation in the NFIP, communities are required to adopt and enforce a flood hazard reduction ordinance that meets the minimum requirements of the NFIP; however, there are occasionally additional requirements identified by state law that are more restrictive. In these cases, the Federal Emergency Management Agency (FEMA) will require that communities meet those standards as well.**

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. **This is a non-project action that applies to the area defined by the special flood hazard areas within the City's corporate limits.**

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

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

a. General description of the site:

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

b. What is the steepest slope on the site (approximate percent slope)? **N/A – non-project action**

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. **N/A – non-project action**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **N/A – non-project action**

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. **N/A – non-project action**

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. **N/A – non-project action**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **N/A – non-project action**

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: **N/A – non-project action**

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. **N/A – non-project action**

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **N/A – non-project action**

c. Proposed measures to reduce or control emissions or other impacts to air, if any: **N/A – non-project action**

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.

N/A – non-project action. The City of Issaquah has regulated floodplain on Issaquah Creek, Tibbetts Creek and the Lake Sammamish shoreline.

- 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.

N/A – non-project action

- 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.

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action. There are properties within the 100-year floodplain within the City's jurisdictional boundaries.

- 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.

N/A – non-project action

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.

N/A – non-project action

- 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.

N/A – non-project action

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.

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: **N/A – non-project action**

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?

N/A – non-project action

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

N/A – non-project action. Issaquah Creek is inhabited by Chinook Salmon which is listed as endangered under ESA.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: **N/A – non-project action**

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

N/A – non-project action

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, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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. **N/A – non-project action**

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **N/A – non-project action**

- 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:

N/A – non-project action

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. **N/A – non-project action**

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

N/A – non-project action

- 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. **N/A – non-project action**

- 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. **N/A – non-project action**
- 4) Describe special emergency services that might be required.
N/A – non-project action
- 5) Proposed measures to reduce or control environmental health hazards, if any:
N/A – non-project action

b. Noise

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

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. **N/A – non-project action**

3) Proposed measures to reduce or control noise impacts, if any: **N/A – non-project action**

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. **N/A – non-project action. Properties within the regulated floodplain consist of commercial, residential as well as public right of way. This code update may apply to a variety of uses allowed within the zoning districts.**
- 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? **N/A – non-project action**
 - 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: **N/A – non-project action**
- c. Describe any structures on the site. **Structures within the regulated floodplain include any structure allowed by the zoning district.**

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

N/A – non-project action

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

Zoning within the regulatory floodplain includes many zoning classifications including but limited to Urban Core, Open Space, Community Facilities, Mix Use, Cultural Business, Multifamily Medium, Single Family Duplex, Multifamily High Density, Single Family Small Lot, Urban Village, Single Family Estates.

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

Conservancy, Community Facilities, Low Density Residential, Multifamily Residential, Retail, Commercial, Mixed Use and Urban Village.

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

Issaquah Creek Shoreline, Lake Sammamish Shoreline, Lake Sammamish Urban, Urban Conservancy, Natural, Shoreline Commercial Mixed and Transportation High Density.

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

N/A – non-project action.

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **N/A – non-project action**

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **N/A – non-project action**
- c. Proposed measures to reduce or control housing impacts, if any: **N/A – non-project action**

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?

N/A – non-project action

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

N/A – non-project action

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

c. **N/A – non-project action**

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

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **N/A – non-project action**

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

N/A – non-project action

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

N/A – non-project action

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

N/A – non-project action

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

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

N/A – non-project action

- b. Would the proposed project displace any existing recreational uses? If so, describe.

N/A – non-project action

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N/A – non-project action

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. **N/A – non-project action**

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. **N/A – non-project action**

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.

N/A – non-project action

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.

N/A – non-project action

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.

N/A – non-project action

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?

N/A – non-project action

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

N/A – non-project action

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).

N/A – non-project action

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

N/A – non-project action

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? **N/A – non-project action**

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.

N/A – non-project action

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

N/A – non-project action

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.

N/A – non-project action

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

N/A – non-project action

16. **Utilities** [help]

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. **N/A – non-project action**

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: _____

Allen G. Quinn

Name of signee _____

Allen G. Quinn

Position and Agency/Organization _____

Senior Stormwater Engineer, City of Issaquah

Date Submitted: _____

4/30/20

D. **Supplemental sheet for nonproject actions** [HELP]

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

This code update will not increase any of the above.

Proposed measures to avoid or reduce such increases are:

N/A

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

This code update will not affect any of the above.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

N/A

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

This code update will not deplete any of the above.

Proposed measures to protect or conserve energy and natural resources are:

N/A

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?

This code update contains regulations that will protect, preserve and enhance environmentally sensitive areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

N/A

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?

The proposed code changes will not affect land and shoreline use. There is are no changes to current allowed uses.

Proposed measures to avoid or reduce shoreline and land use impacts are:

N/A

6. How would the proposal be likely to increase demands on transportation or public services and utilities? **The proposed code change update will not have an increase demand on any of the above.**

Proposed measures to reduce or respond to such demand(s) are:

N/A

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment. **The proposed code update will adopt policies and regulations that are consistent with the National Flood Insurance Program.**