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:

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 non-project proposals:

For non-project 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:*

2020 Engineering Design Manual (EDM) and Shoreline's Standard Plans.

2. *Name of applicant:*

City of Shoreline

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

Tricia Juhnke, City Engineer, Public Works Department
17500 Midvale Avenue N, Shoreline, WA, 98133-4905, (206) 801-2700

4. *Date checklist prepared:*

December 10, 2019

5. *Agency requesting checklist:*

City of Shoreline

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

Final adoption of version of manual by March 1, 2020

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

Yes. The Engineering Development Manual (EDM) and standard plans updated regularly to address changes in regulations, codes, and design needs. In 2020, the EDM will be updated again particularly to add standards for the wastewater utility. Additional changes to the rest of the document will be made as well for consistency with the Shoreline Municipal Code (SMC).

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

All prepared public outreach/information related to this project and other surface water updates are available on Shoreline's Surface Water Utility webpage: http://www.shorelinewa.gov/government/departments/public-works/surface-water-utility/get-involved/2017-master-plan-update. Additionally, a memorandum has been prepared to document a revision in the EDM that affects the threshold for stormwater flow control requirements.

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 that affects the future development of multiple parcels in the City of Shoreline.

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

This is a non-project action that does not require additional approvals.

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.)***

Public Works has revised the Engineering Development Manual (EDM) and standard plans. The intent of these revisions is to incorporate changes in the Shoreline Municipal Code (SMC), improve compliance with Shoreline's Western Washington Phase II Municipal Stormwater NPDES Permit, revise formatting for clarity, and resolve inconsistencies between the EDM, standard plans, and SMC.

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 affects the future development of multiple parcels in the City of Shoreline.

B. *ENVIRONMENTAL ELEMENTS*

1. *Earth*

a. *General description of the site*

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline with a variety of characteristics.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Locations of steep slopes can be found on City of Shoreline's interactive web map, which shows some areas above 40% grade: http://maps.shorelinewa.gov/maps/.

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.*

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Soils within the city limits include, but are not limited to loam, clay, silt, gravel, peat and other organic soils.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Locations of slide hazard soils can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/.

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.*

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Locations of erosion hazard soils can be found on City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. A revision to Chapter 19 of the EDM includes the adoption a fourth threshold that triggers stormwater flow control requirements for projects in the MUR zones that propose to exceed 50% effective impervious surface.

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.

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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.

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. There are surface water bodies on or near some parcels. Locations of specific water features can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/. The ultimate receiving waters in Shoreline include Puget Sound and Lake Washington.

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.

Not applicable. This is a non-project action that does not require work over, in, or adjacent to surface 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.***

Not applicable. The proposal is a non-project action that does not include fill or dredge material.

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

No. This project does not affect water withdrawal regulations in the county or state.

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

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. There may be some parcels that lie within a 100-yr floodplain. Locations of FEMA flood zones can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/. This action will not alter regulations governing floodplain protection.

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.***

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. This project includes pollutant source control requirements to prevent waste discharge but will not alter regulations regarding solid waste discharge.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. This project does not change regulations relating to wells. Stormwater regulations require infiltration of treated stormwater to the extent feasible.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline and does not apply to non-stormwater discharges.

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. The EDM update improves requirements for managing stormwater runoff, collection, infiltration and discharge of development and redevelopment projects. Development and redevelopment projects are required to provide on-site stormwater BMPs, flow control facilities, and water quality facilities in accordance with the Washington State Department of Ecology's 2014 Stormwater Management Manual for Western Washington (2014 Stormwater Manual). The Stormwater Manual regulates stormwater discharge from development and redevelopment projects.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, and does not apply to waste materials entering ground and surface waters. Shoreline has adopted the 2014 Stormwater Manual, which regulates quality of waters entering ground and surface water bodies.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Shoreline has adopted the 2014 Stormwater Manual, which regulates maintenance of existing drainage systems.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Shoreline has adopted the 2014 Stormwater Manual, which requires measures to reduce or control surface, groundwater, runoff water, and drainage patterns associated with future development by walking applicants through the process to determine stormwater management Best Management Practices (BMPs) based on the application of state-mandated Minimum Requirements.

4. *Plants*

a. *Check the 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
_X__Pasture
_X__Crop or grain
_X__Orchards, vineyards or other permanent crops.
_X__Wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
_X__Water plants: water lily, eelgrass, milfoil, other
____Other types of vegetation

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. The EDM and 2014 Stormwater Manual encourage the retention of native vegetation during development.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. A list of threatened and endangered plants occurring in King County at large can be found in the Washington Department of Natural Resources list at: https://www.dnr.wa.gov/NHPlists.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. The EDM and 2014 Stormwater Manual require the use of plant materials in certain BMPs such bioretention facilities to assist with stormwater treatment and infiltration. The use of native plants is preferred, but may vary based on site conditions, site design, and plant availability.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Each proposed development site will need to be reviewed for noxious weeds, as defined by the King County Noxious Weed Program at: http://www.kingcounty.gov/environment/animals-and-plants/noxious-weeds/laws/list.aspx.

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

Mammals: deer, bear, elk, beaver, other
Fish: bass, salmon, trout, herring, shellfish, other

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. It is anticipated that there is wildlife on the property of every proposed development and the known species will need to be identified on site. It is anticipated that birds, insects and mammals could utilize all development sites. Reptiles, amphibians and fish may be present if the appropriate habitat is available on site.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. However, Chinook salmon is a species found within the City of Shoreline that is listed as threatened under the Endangered Species Act.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, which does not propose changes to migratory species regulations within the city. Migration routes for certain anadromous fish and species of birds do exist within the city.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Code updates could provide expanded habitat for birds and insects compared to traditional development. Low Impact Development principles in the 2014 Stormwater Manual promote retention of native vegetation that also supports habitat.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. This project does not propose changes to any regulations related to invasive animal species.

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. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. No changes to energy generation regulations are proposed.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. No changes to solar energy regulations are proposed.

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. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. No changes to energy conservation regulations are proposed.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. No changes to hazardous waste regulations are proposed.

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

Not applicable. Each development project site will need to be evaluated for contamination issues.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Each development project will need to provide clarification to hazardous conditions and meet the appropriate requirements thereof.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. The code and manual do not regulate toxic or hazardous chemicals other than requirements to minimize pollution risk to stormwater, such as minimizing pollution generating surfaces.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. All development projects will need to meet development standards in Title 20 of the Shoreline Municipal Code, including those that facilitate emergency services support.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. The EDM and 2014 Stormwater Manual address the application of stormwater runoff treatment to reducing pollution threats, including those that pose a threat to environmental health.

b. Noise

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Each development will vary in the type and amount of noise. These updates do not propose any change to noise regulations.

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.

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Each development will need to be assessed for potential noise impact. This project does not propose any changes to associated regulations.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. This project does not propose any changes to associated regulations.

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.

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline. Every development will need to inventory and assess current land uses per Shoreline land use regulations.

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 non-forest use?

Not applicable. This update does not propose changes to regulations related to land use change.

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:

Not applicable. These would be evaluated at the time of each new proposed development under other regulations.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, with various Comprehensive Plan designations. This project does not propose any changes to the Comprehensive Plan.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline with various shoreline designations.

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

Not applicable. This is a non-project action that that does not propose any changes to critical areas in the City of Shoreline.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline through regulations, but will not affect residence or work place.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline through regulations and will not create displacement issues.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline through regulations and will not create displacement issues.

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

Not applicable. The project does not change any existing or projected land use designations. The project has been guided by the requirements of the NPDES Municipal Phase II Stormwater Permit.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, not including commercial agriculture and forestry lands.

9. Housing

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline and does not address housing regulations.

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

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline and does not address housing regulations.

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

Not applicable. This project does not address housing regulations or eliminate housing.

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. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, but does not address building construction and heights.

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

Not applicable. This is a non-project action that affects the future development of parcels in the City of Shoreline.

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

Not applicable. This is a non-project action that affects future development of parcels in the City. Aesthetics will be considered by specific development project designers.

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. This is a non-project action that affects future development. New standards for pedestrian lighting are included in the EDM revisions; however, the specifics of light and glare will be assessed with individual development activities in accordance with SMC 20.50.115 and 20.50.240(H).

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

Not applicable. This is a non-project action that affects future development. Specific impacts will be reviewed with individual development proposals.

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

Not applicable. This is a non-project action that affects future development.

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

Not applicable. When individual sites are proposed for development light and glare effects will be considered, subject to SMC 20.50.115 and 20.50.240(H).

12. *Recreation*

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

Not applicable. The proposed regulations may affect park parcels or portions thereof. Specific impacts will be evaluated during the review of individual projects.

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

Not applicable. The proposed regulations may affect park parcels or portions thereof. Specific impacts will be evaluated during the review of individual projects.

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

None. The proposed regulations may affect park parcels or portions thereof. Specific impacts will be evaluated during the review of individual projects.

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 located on or near the site? If so, specifically describe.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, but does not address historic and cultural preservation. Locations of all historic, cultural, and areas of potential significance can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/.

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.***

Not applicable. This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, but does not address historic and cultural preservation. Locations of all historic, cultural, and areas of potential significance can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/.

c. ***Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.***

None. The proposed regulations do not change any historic or cultural regulations.

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.***

None. The proposed regulations do not change any historic or cultural regulations.

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.***

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, and does not affect access to roads. Locations of all public roadways can be found on the City of Shoreline's interactive web map: http://maps.shorelinewa.gov/maps/. Each development project will need to inventory and assess public streets and highways serving their site.

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?

This is a non-project action that affects the future development of multiple parcels in the City of Shoreline, and does not affect public transit. Information on public transit in Shoreline can be found on this website: http://www.shorelinewa.gov/our-city/getting-around/transportation-options. The EDM revisions do not propose any conflicts with public transit.

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. The EDM revisions do not include changes to parking standards. Each project will be required to determine parking needs and meet parking standards, including proper design of stormwater management for surfacing.

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

No. However, if existing roads, streets, or other transportation facilities are upgraded or redeveloped, the project proponent will be required to meet the revised standards of the EDM.

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

Not applicable. The proposed EDM does not impact the use of any existing transportation facility.

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 non-passenger vehicles). What data or transportation models were used to make these estimates?

Not applicable. No transportation design changes exist in these proposed regulations that will alter number of trips. Each project will need to complete traffic studies per development standards.

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.

Not applicable. No alterations to the movement of agriculture or forest products on roads or streets are a part of these proposed regulations. Each development project will need to assess the potential.

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

Not applicable. This is a non-project impacts that affects future development of parcels within the City of Shoreline. Revisions have been proposed to improve the safety and effectiveness of the transportation system as redevelopment occurs.

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.*

These regulations do not significantly increase the need for public services. Improvements of infrastructure through development may increase the efficient delivery of public services.

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

Direct impacts on public services are not expected to be significant and will be addressed through specific development projects. Implementation of frontage improvements, including stormwater infrastructure, within the public right-of-way may require additional maintenance of these facilities by the City.

16. *Utilities*

a. *Circle utilities currently available at the site:*

Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other_____

Not applicable. Proper utilities planning will be used during the development process of individual sites.

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. Each new development project will describe proposed utilities.

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: Sierra Gawlowski

Name of Signee Sierra Gawlowski

Position and Agency/Organization Surface Water Engineer II, Public Works

Date Submitted: 12/10/2019

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?

The intent of the EDM revisions is to reduce stormwater runoff. No impact on air emissions, the production, storage or release of toxic or hazardous substances or noise is anticipated.

Proposed measures to avoid or reduce such increases are:

None are proposed.

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

The intent of the EDM revisions is to reduce and treat stormwater runoff. A desired outcome of these updates is to improve the water quality of streams, rivers, lakes and the Puget Sound, positively impacting marine life. Vegetation may be preserved through these updates, positively impacting plants and animals by helping sustain habitat.

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

Reduce allowable stormwater runoff, require stormwater runoff treatment, and encourage the preservation of vegetation.

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

The proposed EDM revisions will result in no direct impacts to energy or natural resources.

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

Not applicable.

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?

The proposed EDM revisions will result in no direct impacts to environmentally sensitive areas or areas designated (or eligible or under study) for government protection. Because

the intent of the proposal is to reduce and treat stormwater runoff and encourage vegetation, the proposal is anticipated to positively affect environmentally sensitive areas.

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

Not applicable.

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?***

All new development will be required to comply with the revised 2020 EDM. New projects may be required to revise plans to comply with the new standards.

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

Not applicable.

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

The proposed EDM revisions will not increase demand on transportation or public services and utilities.

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

Not applicable.

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 EDM revisions will not conflict with local, state, or federal laws. The intent of the revisions is to incorporate changes in the Shoreline Municipal Code (SMC) and improve compliance with Shoreline's Western Washington Phase II Municipal Stormwater NPDES Permit.