

CITY OF MOUNTLAKE TERRACE

ENVIRONMENTAL CHECKLIST

FILE NO.: **PSE-16-0009**
PROJECT: **CRITICAL AREAS UPDATE ORDINANCE**
Chapter 16.15 Mountlake Terrace Municipal Code

TO BE COMPLETED BY APPLICANT

A. BACKGROUND

1. ***Name of proposed project, if applicable.***
Critical Areas Update Ordinance
Mountlake Terrace Municipal Code (MTMC) Chapter 16.15
2. ***Name of applicant.***
City of Mountlake Terrace
3. ***Addresses of Applicants.***
Community Development Department
6100 219th Street SW, Suite 200
Mountlake Terrace, WA 98043
- Contact Person and Phone No.***
Christy Osborn, Community and
Economic Development Director
425.744.6281
4. ***Date checklist prepared.***
May 4, 2018
5. ***Agency requesting checklist.***
City of Mountlake Terrace
6. ***Proposed timing or schedule (including phasing, if applicable).***
June 2018
7. ***Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.***
No.
8. ***List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.***
Determination of Non-significance for Critical Areas Ordinance (2004); Wetlands and Stream Inventory (2004); Site-specific evaluation of critical areas on a project-by-project basis (private

development); Shoreline Master Program (2013); and Comprehensive Plan (2017).

9. ***Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.***

No.

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

- Planning Commission review and recommendation to City Council May 29, 2018; and
- City Council adoption on June 18, 2018.

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 City of Mountlake Terrace Municipal Code, Chapter 16.15 Critical Areas, was adopted in 2004 and has not been updated since. The proposed update will assure compliance with changes in state law since 2004, the Growth Management Act (RCW 36.70A), and the City's current Comprehensive Plan. Updates include wetlands definitions, classification, and delineation standards, mitigation sequencing, clarify exemptions and emergency actions, add notice on title, and clarify process and procedures. (See Draft update to Critical Areas regulations, attached.)

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, or 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 map or detailed plans submitted with any permit application related to this checklist.***

Citywide.

B. ENVIRONMENTAL ELEMENTS

1. EARTH

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

Mountlake Terrace occupies the highest elevation in southwest Snohomish County. The overall elevation ranges from 263 feet to 528 feet above sea level. Plateaus separated by deep ravines through which streams flow characterize the City. Slopes in the City are variable from flat to very steep.

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

Slopes may be as steep as 100% in some small, undeveloped areas.

- c. *What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.***

- Alderwood Gravelly Sandy Loam
- Alderwood-Everett Gravelly Sandy Loam
- Alderwood Urban Land Complex
- Everett Gravelly Sandy Loam
- Indianola Loamy Sand
- Kitsap Silt Loam
- McKenna Gravelly Silty Loam
- Mukilteo Muck
- Urban Land complex

Source: Natural Resource Conservation Service, formerly the USDA Soil Conservation Service (SCS), Mountlake Terrace Soil Units

Soil types and characteristics are to be determined and evaluated on a case-by-case basis with a specific development proposal.

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

There are localized areas of steep and unstable slopes with moderate to severe erosion hazard. See Comprehensive Plan (2017), Figures EN-1, Critical Areas: Geological Features, and EN-2, for generalized locations of areas that may have these unstable soil characteristics.

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

Not applicable (N/A) to the adoption of a code update. Individual projects will undergo additional environmental review on a case-by-case basis as projects in potential impact areas are proposed.

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

Not applicable to the adoption of a code update.

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

N/A.

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

City codes require compliance with specific erosion control and compliance with Best Management Practices (BMPs). Individual projects will undergo additional environmental review on a case-by-case basis as the projects are proposed

2. AIR

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is complete? If any, generally describe and give approximate quantities if know.*

N/A.

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

N/A.

- c. Proposed measures to reduce or control emission or other impacts to air, if any.*

Not applicable to the adoption of a code update. Individual projects will undergo additional environmental review on a case-by-case basis as the projects are proposed

3. WATER

- a. Surface*

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams,

saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The City's waterways lie within portions of the McAleer Creek and Lyon Creek Drainage Basins, part of the Lake Washington/Cedar River Watershed.

- Lake Ballinger (100-acre lake, 70 acres in City) located in SW corner of City of Mountlake Terrace; the lake has an outflow to McAleer Creek.
- Hall Creek, flows along the north and western margin of the City from Hall Lake, located in the City of Lynnwood just north of 212th Street SW at 60th Avenue W, and then flows into Lake Ballinger.
- McAleer Creek, flows southeasterly from Lake Ballinger through the City of Lake Forest Park (King County) into Lake Washington.
- Lyon Creek, flowing south with east and west forks reaching up to 228th Street SW and 220th Street SW respectively, converging on the east side of Cedar Way at 240th Street SW, continuing south, past 244th St. SW into the City of Lake Forest Park and Lake Washington.
- Some surface and subsurface water in the City also flows to the northeast where it enters the Scriber Creek/North Creek Drainage basin (northeast corner of City).
- Flows from all these water bodies eventually enter Lake Washington located southeast of the city.
- Wetlands are found abutting all of these water bodies at various locations. Some wetlands unrelated to a creek are also found in isolated locations throughout the City.

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 to a code update. Individual projects will undergo additional review on a case-by-case basis when located within 200 feet of surface water, wetland, or stream.

3) Estimate the amount of fill and dredge material that would be placed in, or removed from, the surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

N/A.

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

No.

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

Yes. Portions of land adjacent to Hall Creek, Lyon Creek, McAleer Creek, and Lake Ballinger are mapped on the Federal Emergency Management Agency (FEMA), 100-year flood plain map, Flood Insurance Rate Map (FIRM) Panel Nos. 1315, 1317 and 1320 of 1575, Map Nos. 53061C1315E, 53061C1317E and 53061C1320E, effective date November 8, 1999.

See Draft Critical Areas Map, attached, for generalized locations.

6) Does the proposal involve any discharges of waste material to surface water? If so, describe the type of waste and anticipated volume of discharge.

No. Not applicable to a code update. Individual projects will undergo additional environmental review on a case-by-case basis as the projects are proposed.

b. Ground

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if know.

N/A.

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.

c. Water Runoff (Including storm water)

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (including quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Not applicable to a non-project code update.

Development proposals are reviewed on a case-by-case basis for compliance with the City's requirements and the 2012 Department of Ecology Storm Water Management Manual for Western Washington design criteria (as amended 2014) and compliance with regulations pertaining to stormwater per Chapters 16.20 and 16.21 MTMC. The Comprehensive Plan encourages conservation, low impact storm water techniques, and overall stewardship of storm water. An emphasis is placed on use of best management practices.

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

Not applicable to the adoption of a code update.

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

Proposals are required to meet and implement the 2012 DOE Stormwater Manual and City stormwater ordinances and City Comprehensive Plan goals and policies directed at storm water management, application of best management practices, and City Engineering Standards.

4. PLANTS

a. Check or circle type of vegetation found on the site:

(Individual properties in the City contain some or all of these plant materials.)

- deciduous trees: alder, maple, aspen, other
- evergreen trees: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bulrush, 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?

None. This is a non-project action

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

No threatened or endangered species have been identified within the City of Mountlake Terrace.

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

The update to critical areas regulations requires individual projects located in critical areas to preserve, protect, enhance or restore habitat to achieve no net loss of functions and values. This includes use of native plants and removal of invasives.

5. ANIMALS

a. *Circle any birds and animals which have been observed on or near the site, or are known to be on or near the site:*

Within the City of Mountlake Terrace, a diversity of animals is found.

Birds: **hawk, heron, eagle, songbirds, ducks** and many other species of birds are found within the City which find both temporary and permanent shelter, food and nesting opportunities. Some of the species which have been identified are: Pileated woodpecker, yellow-billed cuckoo, quail, Canadian geese, osprey, warblers, thrushes, sharp-shinned hawk, hairy woodpecker, downy woodpecker, northern flicker, American crow, mallard, saw whet owl, red tailed hawk, and brown creeper, hummingbird, and other birds common to urbanized areas.

Mammals: **deer, bear, elk, beaver, other small mammals** (i.e., rabbits, squirrels, opossum, coyote, raccoons, and/or rodents).

Fish: bass, salmon, **trout**, herring, shellfish, other.

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

A Bald Eagle (listed by the Washington Department of Fish and Wildlife (WDFW) as federally and state threatened as of May, 2003) was sited in trees along the shore of Lake Ballinger.

Chinook stock (listed by WDFW as federally threatened as of May, 2003) may once have been present in the upper Hall Creek – Lake Ballinger – McAleer Creek drainage, but there is no current evidence to support this statement.

c. *If this site part of a migration route? If so, explain.*

The City lies within the Pacific Flyway migratory route for certain birds, which fly over Mountlake Terrace during their annual north/south migration during Spring and Fall. It has been reported that some of the migratory birds stop in Mountlake Terrace to rest and feed as part of that migration.

- d. *Proposed measures to preserve or enhance wildlife, if any.***
Not applicable to the adoption of a code update. However, the critical areas code update regulates potential negative impacts on all critical area habitat with a priority sequence to avoid when possible, and to mitigate (restore, enhance, replace, compensate) when not.

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

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?***
N/A.
- 1) *Describe special emergency services that might be required.***
N/A.
- 2) *Proposed measures to reduce or control environmental health hazards, if any.***
Not applicable to the update of critical areas regulations.
- b. *Noise***

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

Noise that is typical of urban residential areas is found and will continue to exist in the planning area. Primary sources of noise include vehicular traffic, construction, and human activities, such as conversation, music, play and yard maintenance noises. In the commercial and industrial areas primary sources of noise are from light and heavy vehicles and equipment (generators, heat pumps, construction). The updates to the critical areas regulations will not have an impact on the overall noise levels in the City.

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.

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

On a case-by-case basis, a proposed use, activity, or use affecting a critical area may need to mitigate noise.

8. LAND AND SHORELINE USE

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

This is a citywide proposal potentially affecting any mapped or unmapped critical areas and their buffers. The current use of sites with critical areas include forested, undeveloped areas, wetlands and creeks, single and multi-family residential uses, retail, warehousing, commercial, vacant, parks and open space uses.

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

In the past, some portions of what is now incorporated City land was used for agriculture. This is especially true for the north central portion of the City where chicken and mink farming existed in the first half of the last century. Logging was also practiced here. Agriculture is no longer practiced in the City, except on individual residential lots on a very small scale (vegetable or flower gardens for personal enjoyment and/or consumption).

c. Describe any structures on the site.

A limited number of structures are located in critical areas, with many more located in critical area buffers. Buffers extend beyond the boundaries of critical areas – and varies depending on critical area type and sensitivity. Structures include sheds, footbridges, city

streets, single and multi-family residences, public facilities and industrial buildings.

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

No. This is a non-project action.

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

This is a citywide proposal. The current zoning classifications in the City are as shown on the Official Zoning Map, on file at City Hall, and includes the following district designations:

RS-T	Single-Household Residential –Transitional, minimum lot size 4,800 square feet
RS-4800	Single-Household Residential, minimum lot size 4,800 square feet
RS 7200	Single-Household Residential, minimum lot size 7,200 square feet
RS 8400	Single-Household Residential, minimum lot size 8,400 square feet
RML	Low Density Multiple Household Residential
RMM	Medium Density Multiple Family Residential
BC	Community Business
BC/D	Community Business/Downtown
F/T	Freeway/Tourist
SDD/R	Special Development District - Residential
SDD C/R	Special Development District Commercial/Residential
CG	General Commercial
LI/OP	Light Industry/Office Park
REC	Recreation and Parks
PFS	Public Facilities and Services
MHP	Mobile Home Park

f. What is the current Comprehensive Plan designation of the site?

This is a citywide proposal. The following designations are shown on the Comprehensive Plan Land Use Map (Figure LU-6, 2017 Comprehensive Plan), on file at City Hall. The map includes the following land use designations:

ULR	Urban Low Residential
ULMR	Urban Low Medium Residential
UMR	Urban Medium Residential
MHP	Mobile Home Park
SDD	Special Development District
POS	Park and Open Space

CG	General Commercial
BC	Community Business
TC	Town Center
F/T	Freeway/Tourist
LI/OP	Light Industrial/Office Park
PFS	Public Facilities

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

N/A. The shoreline jurisdiction is regulated by Shoreline Management Chapter 16.10 MTMC, which prevails over the critical areas regulations in Chapter 16.15. The City has only one shoreline area, the north and east shores of Lake Ballinger. [The west and south shoreline is in, and regulated by, the City of Edmonds and its Shoreline Master Program.

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

Yes. Areas throughout the City have been identified, and mapped, as environmental site sensitive due to the presence of wetlands, streams, floodplains, wildlife habitat, or geologic hazards (there are no known aquifer recharge areas in the City). Figures EN-1 and EN-2 in the Environment Element of the Comprehensive Plan (2017), show mapped geologic and biological features, available on-line at www.cityofmlt.com. A Critical Areas map, attached, is a composite of the environmental site sensitive areas.

Note that individual projects will undergo environmental review on a case-by-case basis when critical areas or buffers are known to or expected to exist on or adjacent to a project site.

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

N/A. This is a non-project action.

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

None.

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

N/A. This is a non-project action. However, proposals in critical areas and buffers must use mitigation sequencing to evaluate a proposed action(s) ability to avoid, minimize, rectify, reduce, or compensate for impacts.

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

All future development must comply with the updated critical areas regulations, and any other associated city policy and development regulations and standards (Comprehensive Plan, subdivision, storm drainage, and low impact, and other).

9. HOUSING

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

N/A.

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

None.

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

N/A.

10. AESTHETICS

- a. What is the tallest height of any proposed structures(s), not including antennas? What is the principal exterior building material(s) proposed?*

The proposal is a non-project action so no structures are planned by this action.

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

None.

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

N/A. This is a non-project action

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?*

None.

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

N/A. This is a non-project action.

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

N/A. This is a non-project action.

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

N/A. This is a non-project action. However, in general city code does not permit creation of off-site glare. The update requires that contains lights be directed away from wetlands.

12. **RECREATION**

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

Not applicable to the adoption of the Critical Areas Ordinance. However, multiple parks are located in the City of Mountlake Terrace, which provide recreation opportunities and/or critical areas protection and preservation. Parks with critical areas functions/resources include Ballinger Park and boat launch on Lake Ballinger (Hall Creek and associated wetlands); Veteran's Memorial Park (slopes, evergreen trees, and wildlife habitat); Terrace Creek Park (slopes, Lyon Creek, wetlands, and wildlife habitat); Jack Long, Matt Hirvela Bicentennial Park, and Firefighter Memorial Park (trees). Cumulatively, these parks provide substantial forested acreage for critical areas functions.

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

No.

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

Not applicable to the adoption of the Critical Areas Ordinance.

13. **HISTORIC AND CULTURAL PRESERVATION**

- a. ***Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.***

Not to our knowledge. According to the National Register of Historic Places and the Washington Heritage Register, there are no listed places or objects in the City.

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

None.

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

N/A. This is a non-project action. However, in the event archaeological resources would be unexpectedly exposed at any time, regardless of the origin of the activity, all activity would be temporarily halted and the Washington Office of Archaeology and Historic Preservation notified and the appropriate steps taken.

14. TRANSPORTATION

- a. Identify public streets and highways serving the site and describe proposed access to the existing street system. Show on site plans, if any.**

N/A to a non-project action. Major transportation routes in or through the City are Interstate 5 (I-5), 212th, 220th, 236th and SW and 244th ST. SW (205th in King County), and 44th, 48th, 56th and 66th AVE W. The Transportation Element of the Comprehensive Plan and Transportation Master Program show the transportation network and classifications and descriptions of the city street network.

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

N/A. However, the City is served by Community Transit (CT), a Snohomish County public transit agency, King County Metro and Sound Transit (ST). CT operates the Mountlake Terrace Transit Center and Park-n-Ride at I-5 and 236th. ST operates a flyer stop in the I-5 median with pedestrian connection to the Mountlake Terrace Transit Center/Park-n-Ride. Sound Transit 1 will bring the Lynnwood Link light rail line through the City along the I-5 corridor.

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

None. N/A.

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

No. This is a non-project action.

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

N/A. This is a non-project action.

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

None.

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

N/A. However, any transportation project that impacts or has potential to impact critical areas will be evaluated when proposed to avoid, minimize, or mitigate the impacts consistent with the critical areas code.

15. PUBLIC SERVICES

- a. *Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.*

No. The objective of the critical areas update is to avoid or minimize potential detrimental impacts to the sensitive areas and human life or structures located in regulated critical areas.

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

None. No direct impacts anticipated.

16. UTILITIES

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

Electricity, natural gas, water, refuse service, telephone, and sanitary sewer.

All of the above utilities, as well as cable TV and cellular telephone service, are currently available throughout the City.

- 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 that might be needed.*

N/A.

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: Edith S. Quittlinger

Date Submitted: May 4, 2018

ATTACHMENTS

- Draft Critical Areas Map
- Draft Critical Areas regulations, Chapter 16.15 MTMC

D. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

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

When answering these questions, be aware of the extent of 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 substance, or production of noise?***
Not likely, and not expected. The proposed update of critical areas regulations would not increase discharge to water, increase air emission, create any toxic or hazardous materials, or produce noise.

Proposed measures to avoid or reduce such increases:

None needed. The proposed updates to the critical areas, and buffers, update definitions, in particular wetlands, adds clarity for procedures and criteria, strengthens mitigation sequencing to avoid, minimize or mitigate impacts and emphasizes no net loss of functions and values of critical areas.

- 2. *How would the proposal be likely to affect plants, animals, fish, or marine life?***
Positively - by protecting and preserving critical areas which provide clean water, food, shelter and other habitat for plants and animals, and fish, especially anadromous fish.

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

The update seeks to maximize the protection and preservation of habitat. Options to mitigate and monitor unavoidable impacts are provided.

- 3. *How would the proposal be likely to deplete energy or natural resources?***
No.

Proposed measures to protect or conserve energy and natural resources:

Not applicable to the adoption of an update to the critical areas code. However, protection, preservation, restoration, and enhancement of vegetation and trees in critical areas will reduce energy needs in the urbanized city environment by moderating temperatures and not increasing impervious surface areas.

- 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 purpose of the critical areas regulations is to conserve and protect environmentally sensitive areas in the City; in particular, wetlands, streams, wildlife habitat, geologic hazardous areas, flood hazards, and aquifer recharge areas.

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

The proposed code regulates uses and activities within critical areas by use of mitigation sequencing and long-term maintenance and monitoring.

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 proposal is not likely to affect land and shoreline, except in ways that support critical areas functions and values. Shoreline jurisdiction areas are regulated by the City's Shoreline Master Program, (2013) and Chapter 16.10 MTMC. All regulations are evaluated for consistency with existing policy plans.

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

Compliance with the Chapter 16.15, Critical Areas, and the Shoreline Master Program and Shoreline Management Chapter 16.10 MTMC.

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

No. The code update does not require or affect such services.

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

None. Other city codes provide for and regulate transportation, public services, and utility activities.

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

No conflict with local, state, or federal laws for protection of the environment is created. This update is responsive to changes in state law since 2004, and the Growth Management Act (RCW 36.70A). The update will comply with local, state, and federal requirements for critical areas.

