

ESA LISTED SALMONIDS CHECKLIST

Applicant Information

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Project Information

Name: Update Flood Hazard Areas code

Location: Citywide, Zone A of Flood Insurance Rate
Map, effective June 19, 2020

Description: Update Flood Hazard Areas code for
compliance with FEMA National Flood Insurance
Program standards by adding a new Chapter 16.18
MTMC Frequently Flooded Areas, adopting FEMA
FIRMs, and amending Chapter 16.15 MTMC
Critical Areas

This worksheet was designed to help project proponents and government agencies identify if project needs further analysis regarding adverse effects on ESA (Endangered Species Act) listed salmonids. Salmonids are salmon, trout and chars, e.g. bull trout. For our purposes, "ESA listed salmonids" is defined as fish species listed as endangered, threatened or being considered for listing.

If ESA listed species are present or ever were present in the watershed where your project will be located, your project has the potential for affecting them, and you need to comply with the ESA. The questions in this section will help determine if the ESA listings will impact your project. The Fish Program Manager at the appropriate Department of Fish and Wildlife (DFW) regional office can provide information for the following two questions. See attached list of Department of Fish and Wildlife regional offices.

1. *Are ESA listed salmonids currently present in the watershed in which your project will be?* Yes: X No:

Please describe:

This is a non-project action. However, salmonids are listed in the west fork of Lyon Creek, which flows into McAleer Creek and eventually to Lake Washington. Salmonids are listed in McAleer Creek downstream from Lake Ballinger within the City limits of Lake Forest Park.

2. *Has there ever been an ESA listed salmonid stock present in this watershed?*
Yes: X No: Uncertain:

Please describe:

See above. The Washington Department of Fish and Wildlife, Fish Presence Report from the Streamnet Database, report dated 02/06/03, lists Priority Anadromous Fish Presence of Coho Salmon and Winter Steelhead in McAleer Creek. The report also lists Priority

Resident Fish Presence of Cutthroat in McAleer Creek.

If you answered "yes" to either of the above questions, you should complete the remainder of this checklist.

PROJECT SPECIFIC: The questions in this section are specific to the project and vicinity.

1. Name of Watershed:

Cedar-Sammamish Watershed ((WRIA) 08, per Department of Ecology), locally known as The Lake Washington/Cedar River Watershed (per King County Department of Natural Resources and Parks) and more commonly known as the Lake Ballinger/McAleer Creek Watershed (per the Lake Ballinger/ McAleer Creek Forum). Within the Lake Ballinger/McAleer Creek Watershed, there are three sub-basins: a) McAleer Creek, b) Lyon Creek, and c) Swamp Creek.

2. Name of nearest waterbody:

Lake Ballinger, Hall Lake, Hall Creek, McAleer Creek, Lyon Creek, and Scriber Creek.

3. What is the distance from this project to the nearest body of water? Often a buffer between the project and a stream can reduce the chance of a negative impact to fish.

All water bodies listed are within the City limits, except Scriber Creek. The flood hazard area/frequently flooded areas regulations apply within Special Flood Hazard Area, Zone A.

4. What is the current land use between the project and the potentially affected water body (parking lots, farmland, etc)?

This is a non-project action. See response to No. 3, above and refer to Environmental Checklist, Section B.8.a for a description of the land uses within the city).

5. Is the project above a:

- **natural permanent barrier (waterfall)** Yes: ___ No: X
- **natural temporary barrier (beaver pond)** Yes: ___ No: X
- **man-made barrier (culvert, dam)** Yes: X No: _____
- **other (explain)**

McAleer Creek Weir, and Hall Creek Weir on Lake Ballinger;
King County McAleer Creek Detention Facility at 195th ST SW (south of City)
Cedar Way Detention Pond on Lyon Creek east of Cedar Way at 240th ST SW.

If yes, are there any resident salmonid populations above the blockage?

Yes: _____ No: _____ Don't know: X

6. What percent of the project will be impervious surface (including pavement & roof area)?

This is a non-project action. At the time of development, if any, impervious surfaces will

be considered as part of individual project review and addressed consistent with City regulations.

FISH MIGRATION: The following questions will help determine if this project could interfere with migration of adult and juvenile fish. Both increases and decreases in water flows can affect fish migration.

1. Does the project require the withdrawal of:

i. Surface water? Yes: _____ No: X

Amount: _____

Name of surface water body: _____

ii. Ground water: Yes: _____ No: X

Amount: _____

From where: _____

Depth of well: _____

2. Will any water be rerouted? Yes: _____ No: X

If yes, will this require a channel change? N/A

3. Will there be retention ponds? Yes: _____ No: X At the time of a development proposal, if any detention and retention facilities are proposed, they will be reviewed on a case-by-case basis for consistency with applicable regulations.

If yes, will this be an infiltration pond or a surface discharge to either a municipal storm water system or a surface water body?

If to a surface water discharge, please give name of waterbody.

This is a non-project action. At the time of development, if any, storm water discharge would be evaluated, and compliance with applicable regulations and standards required.

4. Will this project require the building of new roads? Increased road mileage may affect the timing of water reaching a stream and may thus impact fish habitat.

Yes: _____ No: X

5. Are culverts proposed as part of this project? Yes: _____ No: X

6. Will topography changes affect the duration/ direction of runoff flows?

Yes: _____ No: X

If Yes, describe the changes:

Not applicable.

7. ***Will the project involve any reduction of the floodway or floodplain by filling or other partial blockage of flows?***

Yes: _____ No: X

The proposed regulations prohibit such activities unless fully mitigated.

If yes, how will the loss of flood storage be mitigated by your project?

WATER QUALITY: The following questions will help determine if this project could adversely impact water quality. Such impacts can cause problems for listed species. Water quality can be made worse by runoff from impervious surfaces, altering water temperature, discharging contaminants, etc.

1. ***Do you know of any problems with water quality in any of the streams within this watershed.*** Yes X No _____

If yes, describe.

Not applicable to the proposed amendments. However, in general, there exist both water quantity and water quality issues within the Hall Creek/ Lake Ballinger/ McAleer drainage basin. The City maintains the existing infrastructure within jurisdictional boundaries and has developed storm drainage requirements for all development within these watershed basins. All applicants are required to meet these requirements as a condition of development.

2. ***Will your project either reduce or increase shade along or over a waterbody?***

Yes _____ No X

Removal of shading vegetation or the building of structures such as docks or floats often results in a change in shade.

Not applicable to the proposed amendments. However, compliance with the critical areas regulations at time of development will prevent or mitigate impacts.

3. ***Will the project increase nutrient loading or have the potential to increase nutrient loading or contaminants (fertilizers, other waste discharges, or runoff) to the waterbody?***

Yes _____ No X

This is a non-project action. However, any development has the potential to add to the nutrient loading of water bodies by the activities that are customarily associated with the use of the property. Development is subject to the adopted version of the Department of Ecology Stormwater Management Manual to prevent or mitigate impacts.

4. ***Will turbidity be increased because of construction of the project or during operation of the project? In-water or near water work will often increase turbidity.***

Yes _____ No X

Not applicable to proposed regulations. However, individual project proposals may have some affects, which would be subject to compliance with all applicable City codes.

5. ***Will your project require long term maintenance, i.e. bridge cleaning, highway salting, chemical sprays for vegetation management, clearing of parking lots?***

Yes ___ No X

VEGETATION: The following questions are designed to determine if the project will affect riparian vegetation, thereby, adversely impacting salmon.

1. ***Will the project involve the removal of any vegetation from the stream banks?***

Yes _____ No X

If yes, please describe the existing conditions, and the amount and type of vegetation to be removed.

Not as a result of the proposed code amendments. However, individual project proposals may have some affect and will be subject to these regulations and any other.

2. ***If any vegetation is removed, do you plan to re-plant?***

Yes _____ No _____ NA X

If yes, what types of plants will you use?

This is a non-project action. However, City regulations require vegetation restoration and replacement of vegetation removed from areas that are protected or prohibited from such vegetation removal.