Specific Project Information Form (SPIF)
Cover Page

Project Title: _____

Project CIP Number: ___

Project Manager: _____ Department: ___

Phone Number: _____

Corps Reference #: ___ Corps Project Manager: _____

Filled-in by Corps

Phone Number: _____

USFWS/NMFS Representative Signature: _____

Signature required prior to submittal to the Corps

The City of Seattle project manager should fill out this form with help from the City's US Fish and Wildlife Service (USFWS)/National Marine Fisheries Service representative[1] (jointly the "Services") or have that representative fill out the form for them. Prior to submitting this SPIF to the Corps of Engineers, with the other SPIFs (in Appendix A) and the Joint Aquatic Resources Permit Application (JARPA), it must be reviewed and approved as accurate and complete by the representative, and then signed above.

If the project will have No Effect to listed species and designated critical habitat, no SPIFS need to be filled out and submitted, including this SPIF Cover Page. As such, only the no effect template (in Appendix B) needs to be filled out and submitted to the Corps. If the Corps does not agree with the no effect determination, then this SPIF Cover Page and individual SPIFs must be filled out and submitted.

I BACKGROUND

This form replaces the submission of a biological evaluation. To answer the following sections you must be familiar with Sections 3 and 4 of the Seattle Biological Evaluation (SBE). You may also have to gather additional information, such as what Endangered Species Act (ESA)-listed fish, birds, or marine mammals occur in your project area. Information is available from the appropriate agency (Washington Department of Fish and Wildlife or the Services) and departments within the City of Seattle.

1. The following documents must be included with this form:
   - A. Joint Aquatic Resources Permit Application (JARPA)
   - B. Vicinity Map
   - C. Project drawings
   - D. Map showing location of sensitive areas that will be protected [*see SBE section 3.1, Method 1 for a definition of "Sensitive Areas"*]
   - E. Hydraulic Project Approval (issued by Washington State Dept. of Fish and Wildlife)

[1] Under an Agreement between the City of Seattle, the US Fish and Wildlife Service and the National Oceanic and Atmospheric Administration (NOAA) Fisheries, Jim Muck (206-526-4740, Jim.Muck@NOAA.gov) provides ESA services to City of Seattle staff.

2. Define the size of the Action Area for the project and the rationale behind how the boundary was determined. The action area is defined as all areas to be affected directly or indirectly by the federal action and not merely the immediate area involved in the action. For example, if a project will work in a stream, the action area may be defined as the extent downstream (200 ft.) of the project at which turbidity levels reach background levels. For impact or vibratory pile driving, the action area will be determined by the distance increased sound levels will attenuate to background levels. _____

3. Project schedule or timing (Please be a specific as possible):

   A. Total construction period for all activities: _____

   B. Work timing windows (specify dates):

      i. Fresh waters - work waterward of ordinary high water (OHW): _____

      ii. Marine waters – work waterward of mean higher high water (MHHW): _____

II SPECIES INFORMATION

1. Endangered Species Act (ESA). From the list below, identify all threatened, endangered, and proposed species and designated and proposed critical habitat that occur in the project's action area. If no listed species or designated critical habitats are present in the action area, justification is needed by the Corps that the project will not impact listed species or designated critical habitat. The next few sections provide the justification to the Corps for their ESA responsibilities.

2. Reference Tables 5-1 and 5-3 in SBE Section 5. To find out which species are in your project's action area, consult with your in-house scientist or consultant, as appropriate.

   NMFS Species

   ☐ Puget Sound Chinook salmon - ☐ PS Chinook critical habitat

   ☐ Puget Sound steelhead - ☐ Propose PS steelhead critical habitat

   ☐ Southern Resident killer whale - ☐ SR killer whale critical habitat

   ☐ Steller sea lion

   ☐ Humpback whale

   ☐ Eulachon

   ☐ Bocaccio - ☐ Bocaccio critical habitat

   ☐ Canary rockfish - ☐ Canary rockfish critical habitat

   ☐ Yelloweye rockfish - ☐ Yelloweye rockfish critical habitat

   FWS Species

   ☐ Coastal-Puget Sound bull trout - ☐ CPS bull trout critical habitat

   ☐ Marbled murrelet

   ☐ Bald eagles – bald eagles are no longer listed under the ESA, but are protected under the Bald and Golden Eagle Act. Please check if your project will impact bald eagles and contact the USFWS/NMFS representative for the City of Seattle (Jim Muck).

3. Essential Fish Habitat (EFH). Identify all EFH that occurs in the project's action area. See SBE Section 9. To find out if your project area contains EFH, consult with your in-house scientist or consultant, as appropriate.

4. Check below the EFH species and their habitat that could be affected by the project or maintenance activity.

☐ Chinook salmon ☐ Pink salmon ☐ Coho salmon

☐ Groundfish

☐ Coastal-pelagic species

III CONSTRUCTION METHODS AND CONSERVATION MEASURES

1. From the list below, identify all methods that will be required to construct the project. *See SBE Section 3 for a description of each method.*

☐ Method 1: Delineation of Work Areas and Project Startup

☐ Method 2: Clearing, Grubbing, Grading, and Placement of Temporary Fill

Method 3: Work Area Isolation and Fish Removal in Streams, Large Waterbodies and for Pipe Bypass

☐ No isolation will be used for this project.

Describe why none is needed: _____

☐ 3A1: Temporary Bypass for Stream Flow: Partial Channel

☐ 3A2: Temporary Bypass for Stream Flow: Full Channel

☐ 3A3: Isolating Work Areas in Large Waterbodies

☐ 3B: Isolation/Bypassing of Piped Infrastructure

☐ Method 4: Pipe and Culvert Installation and Replacement

Method 5: Vactoring, Jetting, and Excavating Accumulated Sediments; Debris, Sediment Test Boring; and Pipe, Culvert, and Bridge Maintenance

☐ 5A: Vactoring and Jetting

☐ 5B: In-water Excavating

☐ 5C: Sediment Test Boring

Method 6: Bank Stabilization

☐ 6A: Demolish Bulkheads, Revetments, Groins

☐ 6B: Construct Sheet Piling Bulkhead

☐ 6C: Construct Cast-in-place Concrete Bulkhead

☐ 6D: Construct Log or Rock Toe

☐ 6E: Biotechnical Stabilization

☐ 6F: Repair Bulkheads

Method 7: Habitat Addition or Maintenance

☐ 7A: Large Woody Material

☐ 7B: Boulders and Boulder Clusters

☐ 7C: Weirs and Groins

Method 8: Beach Nourishment and Substrate Addition

- ☐ 8A: Beach Nourishment
- ☐ 8B: Substrate Addition

Method 9: Boat Launch Improvement, Repair and Maintenance

- ☐ 8A: Fill Prop Wash Holes
- ☐ 9B: Replace Ballast, Edge Armoring and Concrete Panels; Repair Concrete Panels
- ☐ 9C: Pressure Washing Boat Ramps

Method 10: In-water and Overwater Structure Repair and Replacement*

- ☐ 10A: Piling
- ☐ 10B: Anchor and Chain Systems
- ☐ 10C: Superstructure, Decking and Utilities on Fixed Structures
- ☐ 10D: Floats and Gangways
- ☐ 10E: Floating Log Boom
- ☐ 10F: Buoys
- ☐ 10G: Fixed Breakwaters
- ☐ 10H: Highway or Road Bridge Foundation or Footing Repair
- ☐ 10I: Removal of Plants and Animals from Pilings for Inspection or Repair

☐ Method 11: Seawall Repair and Maintenance

☐ Method 12: Site Restoration

☐ Method 13: Landscaping and Planting

*NOTE: Methods 12A through 12G *each* require a different set of conservation measures. All other methods use a specific group of conservation measures for that method.

2. For each method checked above, use the SPIF forms starting on page 6 to provide information specific to your project. If the project does not include a method, do not fill out a form. Fill out each question on each form submitted. Put N/A for questions not applicable to your project.

3. **Conservation Measure (CM)**. For each construction method, there are conservation measures assigned to avoid, reduce or minimize impacts to the environment. On the SPIFs for each construction method there is a table at the end that identifies all the CMs that pertain to that method. Please check, with an X in the box titled "Included in Project?" for each conservation measure you will use. *If a conservation measure is not applicable, or you will not use it, state the reason the CM will not be used. Additional conservation measures may be used. Describe these at the end.* **The use of a CM is important to minimize project impacts to the environment, please do not just check all the CMs thinking they will be used. Consider applicability of each CM and only check those that will be followed.**

IV INTERRELATED AND INTERDEPENDENT ACTIVITIES:

Identify and describe any interrelated and/or interdependent activities that have not already been described in section III (Methods and Conservation Measures) above.

Interrelated actions are those actions that are part of a larger action and depend on the larger action for their justification.

Interdependent actions are actions having no independent utility apart from the proposed action.

V ESA DETERMINATION OF EFFECT:

The Corps requires all applicants to determine if there will be any effect on ESA-listed species or on their critical habitat. Do not use this form if the project will have no effect on all listed species and designated critical habitat; instead use the Appendix B no effect template.

1. Fill out the table below
2. For each species and critical habitat that may occur in the project's action area (identified above in section II Species Information), provide a determination of effect and the rationale for the determination. If you need help in making this determination, please consult your in-house scientist or consultant, as appropriate. Make sure the rational for the effects determination is based on species or critical habitat within the action area and not just the project area.

Species	Effect Determination
PS Chinook	☐ No effect ☐ NLAA[2] ☐ LAA[3]
Rationale for Determination – please attach separate sheet if necessary.	
PS Chinook critical habitat	☐ No effect ☐ NLAA ☐ LAA
Rationale for Determination – please attach separate sheet if necessary.	
PS steelhead	☐ No effect ☐ NLAA ☐ LAA
Rationale for Determination – please attach separate sheet if necessary.	
PS steelhead critical habitat	☐ No effect ☐ No jeopardy[4] ☐ Jeopardy[5]
Rationale for Determination – please attach separate sheet if necessary.	

[2] NLAA - "may affect, not likely to adversely affect"
[3] LAA - "may affect, likely to adversely affect"
[4] No jeopardy – "is not likely to jeopardize the continued existence of the species"
[5] Jeopardy – "is likely to jeopardize the continued existence of the species"

SR killer whale	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

SR killer whale critical habitat	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Humpback whale	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Eulachon	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Bocaccio	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Bocaccio critical habitat	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Canary rockfish	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Canary rockfish critical habitat	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Yelloweye rockfish	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Yelloweye rockfish critical habitat	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

CPS bull trout	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

CPS bull trout critical habitat	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

Marbled murrelet	☐ No effect ☐ NLAA ☐ LAA

Rationale for Determination – please attach separate sheet if necessary.

VI EFH DETERMINATION OF EFFECT:

For each guild or species and its designated essential fish habitat that may occur in the action area, provide a determination of effect and the rationale for the determination. Please make sure to provide a habitat-based rationale

Guild	**Effect Determination**
Pacific salmon	☐ None in action area ☐ WNAA[6] ☐ WAA[7]
Rationale for Determination – please attach separate sheet if necessary.	
Groundfish	☐ None in action area ☐ WNAA ☐ WAA
Rationale for Determination – please attach separate sheet if necessary.	
Coastal-pelagic	☐ None in action area ☐ WNAA ☐ WAA
Rationale for Determination – please attach separate sheet if necessary.	

ATTACH THE SPIF FORMS SPECIFIC TO EACH METHOD

Attach the Specific Project Information Forms for every method you have selected above.

[6] WNAA is 'will not adversely affect'
[7] WAA is 'will adversely affect'