



US Army Corps
of Engineers
Seattle District

PROGRAMMATIC ESA¹ CONSULTATION
Specific Project Information Form
 For Piling Replacement
 Version: January 2013



<p>Eligibility for Programmatic Consultation</p> <p>To be filled out by Corps</p> <p>This application:</p> <p><input type="checkbox"/> Meets all of the requirements of this programmatic consultation</p> <p><input type="checkbox"/> Does not meet all of the requirements of this programmatic consultation. This form constitutes a reference biological evaluation in association with:</p> <p>NMFS reference: 2005/07506</p> <p>USFWS reference: 13410-2009-I-0421</p>
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- 1. Programmatic Activity:** Piling Replacement
- 2. Drawings and Photographs - *Drawings and photographs must be submitted.*** Photographs must be submitted showing shoreline, existing overwater structures, and location of the proposed project. Drawings must include a vicinity map; plan, profile, and cross-section drawings of the proposed structures; and over- and in-water structures on adjacent properties. (For assistance with the preparation of the drawings, please refer to our *Drawing Checklist* located on our website at www.nws.usace.army.mil Select Regulatory – Regulatory/Permits – Forms.) If the work is in a tidal area, please see Section 11 of this form for additional photo requirements.
- 3. Date:** _____

4. Applicant name:			
Mailing address:			
Work phone:	Home phone:	Email:	Fax:
5. Joint-use applicant name (if applicable):			
Mailing address:			
Work phone:	Home phone:	Email:	Fax:
6. Authorized agent name:			
Mailing address:			
Work phone:	Home phone:	Email:	Fax:
7. Location where proposed work will occur			
Address (street address, city, county):			
Location of joint-use property (street address, city, county):			
Waterbody:			
¼ Section:	Section:	Township:	Range:
Latitude:		Longitude:	

¹ Endangered Species Act

8. **To be filled out by Corps**
Federally Listed or Proposed Species and their Critical Habitat Present or affected by the proposed action:

9. **Description of Work:** Describe what is being replaced/repared (e.g., support piling for pier, dolphin, etc.).

10. **Construction Techniques.** Describe how project will be constructed, including access, equipment used, etc.:

Please note that the U.S. Fish and Wildlife Service require individual review of any projects that propose installation or proofing of steel piling with an impact hammer and National Marine Fisheries Service requires review for any installation or proofing of steel piling greater than 12-inches in diameter. Individual project review is not required for projects proposing wood, plastic or concrete piling less than 24-inches in diameter.

Please fill out the following: (obtain information from contractor)	
10.1 Number of piles being replaced:	
10.2 Replacement pile type: (e.g.: ACZA-treated wood, steel, coating used on steel piles)	
10.3 Replacement pile size: (e.g. 12-inch)	
10.4 Installation method: (e.g.: vibratory, impact hammer)	Note: Vibratory or impact installation of wood, concrete, plastic, or other non-metal piles of any size is allowed. Impact installation of steel piles in marine waters is not covered under the programmatic and, in freshwater, is only covered programmaticly for steel piles up to 10 inches.
10.5 Anticipated dates, number of minutes and number of days vibratory pile driving	_____ minutes per day _____ number of days Anticipated dates:

Please fill out the following: (obtain information from contractor)	
10.6 For vibratory installation, will proofing be required? If so, how many pile strikes per pile?	Yes _____ Number of pile strikes per pile _____ No _____
10.7 For impact hammer installation, estimate the number of pile strikes required per pile:	
10.8 For impact hammer installation or proofing, estimated number of pile strikes per day:	
10.9 For impact hammer pile driving or proofing, sound attenuation measures:	
10.10 Anticipated dates, number of minutes and number of days of impact hammer pile driving or proofing:	Minutes per day _____ Number of days _____ Anticipated dates: _____
10.11 Describe substrate into which piling will be driven:	
10.12 Water depth into which piling will be installed: (provide range of depths)	

11. Forage Fish Habitat – only complete this section if the project is in tidal waters.

Check box if Washington Department of Fish and Wildlife (WDFW) documented habitat is present. Go to the WDFW website for this information: <http://wdfw.wa.gov/fish/forage/forage.htm>, then search for each species under the link to Biology, then the link to Documented Spawning Grounds (if available, please attach a copy of the Hydraulic Project Approval from WDFW):

Surf Smelt: **Pacific Herring:** **Sand Lance:**

Check box if the proposed action will occur in potentially suitable forage fish spawning habitat:

Surf Smelt: **Pacific Herring:** **Sand Lance:**

If no boxes are checked, please explain why site is not suitable as forage fish spawning habitat.

Please describe the type of substrate and elevation and presence of aquatic vegetation at the project area. For example:

At +10 to +5 feet above MLLW, there is no aquatic vegetation, the substrate consists of large cobbles.
At +5 to +1 foot above MLLW, there is eelgrass and the substrate consists of fine sand.

Photo requirements: The photographs should be taken at ground level and at low tide and should show a panoramic view of the entire project area in the dry. Photographs should clearly show the

presence or absence of vegetation and the substrate composition. Close up photographs of the substrate and/or vegetation should be included if there are any areas of particular interest. To most accurately reflect vegetation distribution, photos should be taken at low tide during June 1 through October 1.

12. **Programmatic Conditions and General Conditions.** In order to meet all ESA requirements for this programmatic consultation, all programmatic conditions and general conditions listed below **must be met**. Check each condition that you will meet. Check each item “not applicable” if they do not apply to your project. If you checked “will not meet” for any of the conditions, you must complete the “Will Not Meet” section at the end of this document.

Will Meet	Will Not Meet	Not Applicable	Programmatic Conditions
<input type="checkbox"/>	<input type="checkbox"/>		1. If project is for replacement or repair of piling only, check the “will meet” box. If work other than pile repair or replacement (such as decking replacement) is planned, please check the “will not meet” box and describe below: _____ _____ _____
The following programmatic condition applies to both repair and replacement of piling:			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Work will be performed within the approved work windows for listed species and forage fish. The action shall only occur once within one approved work window for a single and complete project. The approved work windows are described in <i>Programmatic Consultation – Phase I: Approved Work Windows</i> . (Note: These work windows are located on our website at www.nws.usace.army.mil . Select Regulatory – Regulatory/Permits – Permit Guidebook – Chapter VIa. - Endangered Species.)
A. Piling Repair – fill this section out if you are <u>repairing</u> piling by splicing or other repair method			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Existing piles will be partially cut with a new pile secured directly on top using a sleeve.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Sleeve is connected to the existing pile and stub pile by bolting or by placement of concrete.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. If using concrete, a steel form/collar will be placed around the seams where the sleeve meets the piles and secured so that no concrete will leak out of the sleeve.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. All concrete will be contained within the sleeve and not allowed to leak into the water.

Will Meet	Will Not Meet	Not Applicable	Programmatic Conditions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Only untreated or ACZA-treated wood will be used and treatment must comply with the Western Wood Preservers Institute BMPs. Design measures will prevent abrasion of the treated wood and reduce the potential for the release of contaminants into the aquatic environment. If necessary, a containment boom will be placed around the work area to capture debris and cuttings.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Removed creosote-treated pile sections shall be disposed of in a manner that precludes their further use. Piles will be cut into manageable lengths (4-foot or less) for transport and disposal in an approved upland location that meets the liner and leachate standards of the Minimum Functional Standards, Chapter 173-304 WAC and that is in compliance with the Endangered Species Act. No reuse of treated wood will occur. In all cases, applicants should be prepared to provide documentation of disposal with the statement of compliance.
B. Piling Replacement – fill this section out if you are <u>replacing</u> piling			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Replacement piles will be steel piles up to 12-inches in diameter or concrete up to 24 inches diameter or timber or plastic piles.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. Following completion of pile driving, the following information will be provided to the US Fish and Wildlife Service, referencing the Corps permit number and applicant names as indicated on the SPIF: 1) actual dates and duration of pile driving; and 2) average number of piles installed per day and strikes per pile.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11. Piles will be replaced in the same general location and will not extend beyond the footprint of the existing structure (i.e., pier).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. <u>In marine areas:</u> Steel piles will be 12 inches or less in diameter, and will only be installed using a vibratory pile driver, and thus will not be not impact pile driven or proofed. Note: If project is proposing impact pile driving, including proofing, of steel piles, the Corps will request and receive written approval from USFWS prior to permit issuance.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13a. <u>In marine areas:</u> Number of piles being replaced is 20 or less (Note: Meets USFWS programmatic).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13b. <u>In marine areas:</u> Number of steel piles being replaced is 40 or less. Number of timber, concrete or plastic piles being replaces is 100 or less (Note: Meets NMFS programmatic).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14. <u>In marine/estuarine waters:</u> No piling will be installed where the piling is located in or within 25 feet of eelgrass beds.

Will Meet	Will Not Meet	Not Applicable	Programmatic Conditions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. <u>In marine areas:</u> Existing piles will either be fully extracted or cut below the mudline (2 feet if treated wood or 1 foot if untreated wood). If piles cannot be fully extracted or cut below the mudline, they may be cut at or near the mudline and the remaining portion driven 1 foot or 2 feet below the mudline.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. <u>In marine areas:</u> No installation or replacement of sheet piling will occur.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17. <u>In marine areas:</u> All pilings, including dolphins, will be capped with a device to preclude perching by piscivorous birds, such as the brown pelican.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. <u>In marine areas:</u> If a barge is used, the barge will not be anchored over eelgrass beds.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19. <u>In marine areas:</u> All pile driving will occur during daylight hours only and work will occur between 2 hours after sunrise and 2 hours before sunset during marbled murrelet nesting season (April 1 to September 15).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20. <u>In marine areas:</u> A marine mammal buffer area will be monitored during and immediately before pile driving activity and pile driving will not be initiated, or will be temporarily suspended, if an ESA-listed marine mammal is within a 400-foot radius of the work site.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. <u>In fresh waters, including the Columbia River mainstem, Baker Bay, and the Snake River:</u> Steel piles will be limited to 12 inches diameter or less. All steel piles greater than 10 inches in diameter must use vibratory installation. For steel piles 10 inches or less, vibratory pile installation will be used to the greatest extent possible for installation of steel piles and impact driving will be limited to proofing or locations where vibratory installation is not feasible. Note: If project is proposing impact pile driving, including proofing, of steel piles, the Corps will request and receive written approval from USFWS prior to permit issuance.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22a. <u>In freshwater areas:</u> Number of piles being replaced is 20 or less (meets USFWS programmatic).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22b. <u>In freshwater areas:</u> Number of steel piles being replaced is 40 or less. Number of timber, concrete or plastic piles being replaces is 100 or less (meets NMFS programmatic).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. <u>In freshwater:</u> A bubble curtain and wood block will be used as sound attenuation for installation of steel piles with an impact hammer.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. <u>In freshwater:</u> Concrete piles will be limited to 24 inches in diameter or less.

Will Meet	Will Not Meet	Not Applicable	Programmatic Conditions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. <u>In freshwater</u> : All pile driving will occur during daylight hours.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. <u>In freshwater</u> : Existing piles will be either fully extracted or cut at the mudline using best management practices. Partial cutting can be used if the pile is partially deteriorated. Full extraction of piles is used if partial cutting is not possible and when piles are too deteriorated to remove without breaking; piles are cut at the mudline using a pneumatic saw.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. Hydraulic water jets will not be used to remove or place piles.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28. No piles will be associated with log raft booms.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. No sheet piling will be used in lieu of pole piling.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30. The minimum number of piles necessary for structural support will be used.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31. Unless it can be demonstrated that the surrounding substrate will fill the hole within 1 day, or if precluded by EPA or Washington State Department of Ecology due to locations within a Superfund or MTCA site, the holes left when pulling or cutting treated piling will be capped with appropriate material (such as clean sand, or a plastic or steel pile cap for cut piling). If fill (i.e., clean sand) is used to cap the area, the fill material will match sediment substrate of the site.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32. No piling treated with creosote or pentachlorophenol will be used. No coal-tar treated steel piles will be used.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33. Only ACZA treated wood will be used and treatment must comply with the Western Wood Preservers Institute BMPs. Design measures will prevent abrasion of the treated wood and reduce the potential for the release of contaminants into the aquatic environment. If necessary, a containment boom will be placed around the work area to capture debris and cuttings.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34. Treated wood piling associated with floats will incorporate design features to minimize contact between the treated wood and the float(s) or attachments to the float(s) during all water levels.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35. Removed creosote-treated piles shall be disposed of in a manner that precludes their further use. Piles will be cut into manageable lengths (4-foot or less) for transport and disposal in an approved upland location that meets the liner and leachate standards of the Minimum Functional Standards, Chapter 173-304 WAC and that is in compliance with the Endangered Species Act. No reuse of treated wood will occur. In all cases, applicants will be prepared to provide documentation of disposal with the statement of compliance.

Will meet	Will not meet	Not Applicable	GENERAL CONDITIONS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G1. No new access roads, routes, or trails will be included as part of the proposed action.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G2. Any fill material (e.g., sand, gravel, and rock) will be washed and cleaned prior to being brought to the site.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G3. All fill material will be obtained from a commercial source that is operating in compliance with the Endangered Species Act.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G4. No stockpiling or staging of material will occur below OHW or MHHW.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G5. No trenching will occur through any water of the U.S. (i.e., for electrical cables).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G6. No work will be performed and structures and fill materials will not be placed in or adjacent to vegetated shallows (except where such vegetation is limited to State-designated noxious weeds), wetlands, special aquatic sites, or suitable forage fish spawning habitat.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G7. Barges will not be used within 25 feet and material will not be placed in or on vegetated shallows (except where such vegetation is limited to State-designated noxious weeds) or other special aquatic sites.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G8. If a barge is used to deliver material, the barge or other structures shall not ground out on the bottom.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G9. The bottom of any structure, vessel, watercraft grid or watercraft lift will be at least 1 foot above the level of the substrate during all water levels.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G10. All equipment that will operate over water or below OHWM or MHHW will be cleaned of accumulated grease, oil, or mud. All leaks will be repaired prior to arriving on site. Equipment will be inspected daily for leaks, accumulations of grease, etc., and any identified problems will be fixed before operating over water or below the OHWM or MHHW.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G11. No solvents or other chemicals will be used in or over the water during the construction or operation of the proposed action.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G12. No waste material, including material associated with treated wood decks, will enter the waterbody.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G13. All waste material and construction debris will be collected and disposed of at an approved facility that is in compliance with the Endangered Species Act.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G14. Any leftover construction materials will be collected and disposed of off-site.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G15. All floating debris generated during construction will be retrieved, removed, and disposed of at an approved upland location.

Will meet	Will not meet	Not Applicable	GENERAL CONDITIONS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G16. Two oil absorbing floating booms, appropriate for the size of the work area, will be available onsite whenever heavy equipment operates within 150 feet of open water and there is a potential for hazardous materials to enter surface waters. The booms will be stored in a location that facilitates immediate deployment in the event of a spill.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G17. Fueling and servicing of equipment will be confined to an established staging area that is at least 150 feet from open water or wetlands. Spill containment systems must be adequate to contain all fuel leaks.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G18. Equipment and vehicles will be stored in established staging areas when not in use (excluding cranes, which cannot be easily moved).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G19. A written spill prevention, control, and countermeasures plan will be prepared for activities that include the use of heavy equipment. The plan will describe measures to prevent or reduce impacts from accidental leaks or spills, and will contain a description of all hazardous materials that will be used, proper storage and handling, and monitoring methods. A spill kit will be available onsite during construction and stored in a location that facilitates immediate deployment if needed.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G20. If work will be done in or within 25 feet of an existing or previously designated Superfund site or Washington State Model Toxic Control Act (MTCA) site, BMPs established by EPA during CERCLA coordination or Washington State Department of Ecology during MTCA will be followed.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G21. All activities that may result in sound levels of 92 dBA or more within suitable marbled murrelet nesting habitat, or less than 92 dBA and located within 11 yards of suitable marbled murrelet nesting habitat, will occur outside the breeding period (April 1 to September 15).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G22. All activities that may result in sound levels of 92 dBA or more within suitable northern spotted owl nesting, roosting, and/or foraging habitat, or less than 92 dBA and located within 20 yards of suitable northern spotted owl nesting, roosting, and/or foraging habitat, will occur outside the early breeding period (March 1 through July 15).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G23. Projects located within Wahkiakum and Cowlitz Counties, west of Longview and east of Skamokawa, will not alter woodland or tidal spruce forest that are suitable Columbia white-tailed deer habitat and will not enable higher traffic speeds or volumes.

Will meet	Will not meet	Not Applicable	GENERAL CONDITIONS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G24. Projects constructed on islands in the Columbia River between 2 miles east of Cathlamet and 2 miles west of Skamokawa will not occur from June 1 through June 30 to protect Columbia white-tailed deer fawning.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G25. Projects within 1/4 mile of suitable western snowy plover nesting or foraging habitat will not occur from March 15 through September 30.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G26. The project will comply with the <i>General Implementation Conditions</i> for our programmatic consultations (Note: These are located on our website at www.nws.usace.army.mil . Select Regulatory – Regulatory/Permits – Forms.)

If the applicant **has checked “Will Not Meet” for any of the above conditions**, or there are associated project activities not covered by this Programmatic Consultation or new species and/or critical habitat is not covered under this Programmatic Consultation, then this section must be completed and the applicant must sign below.

Please contact the Corps if you have questions.

1. Why can't you meet all of the conditions of this programmatic consultation? Examples: too many piling, piling are too large, additional work is included. _____

2. Are there associated project activities not covered by this Programmatic Consultation? Examples include replacement of decking on a pier, replacement of caps and stringers, or replacement of floats or ramps. If so, what are the impacts of associated project activities not covered by this Programmatic Consultation? _____

3. Are there species and/or critical habitat in the vicinity of the project that are not covered under this Programmatic Consultation? These currently include green sturgeon and its critical habitat, eulachon, and the three rockfish species (bocaccio, yelloweye, and canary). If so, what are the impacts to species not covered under this Programmatic Consultation? _____

4. Why are the impacts of the proposed project “Not Likely to Adversely Affect” ESA species? How have you minimized impacts? (Note: If your effect analysis is lengthy, you may attach an addendum.) For projects in marine waters, a marbled murrelet monitoring plan may be required.

I, as the applicant, have read all the USFWS and NMFS requirements for their Programmatic Consultations dated September 9, 2009 and January 16, 2008, respectively. These requirements are listed on the Seattle District Corps webpage at http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=Phase_I. I understand that informal consultation with National Marine Fisheries Service and U.S. Fish and Wildlife Service will be initiated with this form. I will not proceed with construction until I receive written notification from the U.S. Army Corps of Engineers that the proposed work is authorized.

Applicant

Date

----- Below to be completed by the Corps -----

Note to PM: If the applicant meets **all** of the conditions of this programmatic consultation, complete this section. If the applicant does **not** meet all of the conditions of this programmatic consultation, do **not** complete this section; instead, complete a Memorandum for the Services – Reference Biological Evaluation Form.

I have reviewed the Department of the Army application and this form for consistency with the USFWS and NMFS requirements Programmatic Consultations dated September 9, 2009 and January 16, 2008, respectively.

Additional Information (complete as applicable):

1. Summary of ESA consultation for associated project activities not covered by the Programmatic Consultation (e.g., work that is out of our jurisdiction, work that is considered a NE to listed species not covered under the programmatic): _____

2. Approved Work Window:

_____ to _____

3. Federally listed species or critical habitat not covered under this programmatic: _____

4. Summary of ESA Consultation for listed species or critical habitat not covered under this programmatic (e.g., “no effect” analysis for newly listed species or newly designated critical habitat):

Corps Project Manager

Date

Corps Senior Scientist

Date

Project Manager Use:

Programmatic Condition	NMFS Restrictions	FWS Restrictions
Number of piling allowed	Up to 100 timber, concrete or plastic Up to 40 steel	Up to 20 of any material For >20 in an industrial area, contact FWS by e-mail for written approval
Size of piling	Up to 12-inch steel Up to 24-inch concrete Any size timber or plastic	Up to 12-inch steel Up to 24-inch for any other material
Impact hammer pile driving	Allowed for steel piles up to 12-inches and concrete piles up to 24-inches No restriction on size for timber or plastic	Not allowed for steel piles No restriction on other material Marbled murrelet monitoring plan may be required
Vibratory pile driving	Marine mammal monitoring plan may be required	No restriction