

# Appendix B

## Species Considered



Species		Listing Status <sup>1</sup>	Natural Heritage Rank <sup>2</sup>				Final Recommendation	Reasoning
Group	Name			Included in Potential Effects Analysis Screening <sup>3</sup>	Species Designation <sup>4</sup>	Reasoning <sup>5</sup>		
Amphibians & Reptiles	Cascades frog ( <i>Rana cascadae</i> )	FCo; SM	G3,G4; S3,S4	No	Watch	Not state or federally threatened or endangered; apparently secure; low potential for use authorizations to affect species; insufficient biological information	Exclude	Apparently secure; low potential to affect; insufficient biological information
	Coastal tailed frog ( <i>Ascaphus truei</i> )	SM	G4; S4	No	Evaluation	Not state or federally threatened or endangered; apparently secure	Exclude	Apparently secure

<sup>1</sup> F = Federal (FE = Federal Endangered; FT = Federal Threatened; FCo = Federal Species of Concern; S = State (SE = State Endangered; ST = State Threatened; SC = State Candidate; SS = State Sensitive; SM = State Monitor; SX = possibly extinct or extirpated)

<sup>2</sup> Natural Heritage program ranks: G = Global; S = State; B = Breeding populations; N = Non-breeding populations; 1 = Critically imperiled; 2 = Imperiled; 3 = Rare locally or with a restricted range; 4 = Apparently secure; 5 = Demonstrably secure; H = Possibly extirpated. GNR = globally not ranked; SNR = State not ranked

<sup>3</sup>Species was included in spatial-temporal screening of potential effect analysis (see Table 3-1 in Washington DNR Aquatic Resources Program Habitat Conservation Plan Potential Effects and Expected Outcomes Technical Paper. Washington DNR, Olympia WA. August 2007). See also Washington DNR Aquatic Resources Program Habitat Conservation Plan Covered Species Technical Paper (Washington DNR, Olympia WA. August 2007).

<sup>4</sup>Designation based on results of Potential Effects Analysis (Washington DNR Aquatic Resources Program Habitat Conservation Plan Potential Effects and Expected Outcomes Technical Paper. Washington DNR, Olympia WA. August 2007); or based on input from species experts.

<sup>5</sup>Reasoning may be based on results of Potential Effects Analysis alone; based on additional unrelated reasons; or a combination of the two.

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	Columbia spotted frog ( <i>Rana luteiventris</i> )	SC	G4; S4	Yes	Covered	State candidate; high potential to affect; similar habitat requirements to other species	Include	Covered activities could have high potential effect on species, additionally other covered amphibians use similar habitat
	Leatherback sea turtle ( <i>Dermochelys coriacea</i> pop. 1)	FE; SE	G2; SNR	No	Evaluation	State and federally endangered but unlikely to occur on state aquatic lands	Exclude	Unlikely that use authorizations potentially impacting turtles would occur on state-owned aquatic lands; any activities on state-owned aquatic lands in turtle-foraging areas would require an ESA Section 7 consultation
	Northern leopard frog ( <i>Rana pipiens</i> )	FCo; SE	G5; S1	Yes	Covered	State endangered; highly dependent upon freshwater wetlands; extremely rare/critically	Include	Extremely rare/critically imperiled in Washington; similar habitat requirements to other covered amphibians

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						imperiled in Washington		
	Northern red-legged frog ( <i>Rana aurora aurora</i> )	FCo	G4; S4	No	Watch	Not state or federally threatened or endangered; apparently secure; insufficient biological information	Exclude	Apparently secure; insufficient biological information
	Oregon spotted frog ( <i>Rana pretiosa</i> )	FC; SE	G2; S1	Yes	Evaluation	State endangered; low potential to affect; little to no overlap with authorized activities	Include	Occurs on state lands; critically imperiled in Washington; similar habitat requirements to other covered amphibians

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	Rocky Mountain tailed-frog ( <i>Ascaphus montanus</i> )	FCo; SC	G4; S2	No	Watch	Not state or federally threatened or endangered; apparently secure; low potential to affect; insufficient biological information	Exclude	Apparently secure; low potential to affect; insufficient biological information
	Western toad ( <i>Bufo boreas</i> (spp. A))	FCo; SC	G4; S3	Yes	Covered	Species of concern; medium potential to affect; declining populations; heightened sensitivity to anthropogenic effects	Include	Medium potential to affect; declining populations; heightened sensitivity to anthropogenic effects; similar habitat requirements to other covered amphibians,

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	Western pond turtle ( <i>Actinemys marmorata</i> )	FCo; SE	G3G4; S1	Yes	Covered	State endangered; declining populations; heightened sensitivity to anthropogenic affects	Include	Declining populations; heightened sensitivity to anthropogenic affects
Birds	American white pelican ( <i>Pelecanus erythrorhynchos</i> )	SE	G4; S1B	No	Evaluation	Not federally threatened or endangered; low potential to affect; insufficient biological information	Exclude	Low potential to affect; insufficient biological information
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Federally Delisted	G5; S4	Yes	Covered	High potential to affect	Exclude	Federally delisted

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	Black tern ( <i>Chlidonias niger</i> )	FCo; SM	G4; S4B	Yes	Covered	Species of concern; low potential to affect; highly dependent upon freshwater wetlands; populations decreasing, with non-breeding adults ranked as imperiled with a “high” risk of extirpation.	Include	Species of concern; populations decreasing, with non-breeding adults ranked as imperiled with a “high” risk of extirpation
	Brandt's cormorant ( <i>Phalacrocorax penicillatus</i> )	SC	G5; S3BS4N	No	Watch	Not state or federally threatened or endangered; low potential for affects; insufficient biological information	Exclude	Low potential for affects; insufficient biological information



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	Brown pelican ( <i>Pelecanus occidentalis</i> )	Federally Delisted ; SE	G4; S3N	Yes	Evaluation	Federally delisted; but state endangered; high species/activity overlap rank for non-breeding birds	Exclude	Federally delisted.
	Cassin's auklet ( <i>Ptychoramphus aleuticus</i> )	FCo; SC	G4; S3	No	Evaluation	Not state or federally threatened or endangered; apparently secure; low potential to affect; insufficient population information	Exclude	Apparently secure; low potential to affect; insufficient population information

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	Clark's grebe ( <i>Aechmophorus clarkii</i> )	SC	G5; S2B	No	Watch	Not state or federally threatened or endangered; apparently secure; low potential to affect; insufficient population information	Exclude	Apparently secure; low potential to affect; insufficient population information
	Common loon ( <i>Gavia immer</i> )	SS	G5; S2BS4N	Yes	Covered	State sensitive; medium potential to affect; populations decreasing globally and breeding adults are listed as imperiled within Washington	Include	Medium potential to affect; protection of nesting habitat particularly important; populations decreasing globally and breeding adults are listed as imperiled within Washington

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	Common murre ( <i>Uria aalge</i> )	SC	G5; S4BS5N	Yes	Evaluation	Not state or federally threatened or endangered; species nests on cliff tops; five of the six murre colonies in Washington are located in marine sanctuaries offering a high level of protection	Exclude	Species nests on cliff tops; five of the six murre colonies in Washington are located in marine sanctuaries offering a high level of protection
	Eared grebe ( <i>Podiceps nigricollis</i> )	None	G5; S3B, S4N	No	Evaluation	No spatial overlap of habitat with state-owned aquatic lands.	Exclude	No spatial overlap with covered activities

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	Harlequin duck ( <i>Histrionicus histrionicus</i> )	None	G4; S2BS3N	Yes	Covered	Not state or federally threatened or endangered; medium potential to affect; utilizes most aquatic habitat types in the state of Washington and listed as imperiled due to small populations	Include	Medium potential to affect; utilizes most aquatic habitat types in the state of Washington and listed as imperiled due to small populations
	Marbled murrelet ( <i>Brachyramphus marmoratus</i> )	FT; ST	G3G4; S2	Yes	Covered	State and federally threatened; high potential to affect	Include	Forages exclusively in saltwater ecosystems, relying on nearshore and offshore habitat (one known exception: Lake Quinault)
	Peregrine falcon ( <i>Falco peregrinus</i> )	FCo; SS	G4; S2BS3N	No	Watch	Not state or federally threatened or endangered; medium potential to affect	Exclude	

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	Purple martin ( <i>Progne subis</i> )	SC	G5; S3B	No	Watch	Not state or federally threatened or endangered; apparently secure; low potential to affect	Exclude	Apparently secure; low potential to affect
	Streaked horned lark ( <i>Eremophila alpestris stigmata</i> )	FT; SE	G5; S1B	No	Evaluation	Federally threatened and state endangered; habitat unlikely to overlap with state aquatic lands.	Exclude	Habitat not found on state-owned aquatic lands.

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	Tufted puffin ( <i>Fratercula cirrhata</i> )	FCo; SC	G5; S3S4B, S4N	Yes	Evaluation	Not state or federally threatened or endangered; low potential to affect; nests on the outer coast or within the Strait of Juan de Fuca and rarely ventures inland; potential effects primarily involve prey abundance	Exclude	Low potential to affect; nests on the outer coast or within the Strait of Juan de Fuca and rarely ventures inland; potential effects primarily involve prey abundance

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	Western snowy plover ( <i>Charadrius nivosus nivosus</i> )	FT; SE	G3; S1	Yes	Covered	Federally threatened and state endangered; spatial overlap with authorized activities minimal, but 92 percent of habitat may be affected	Include	Spatial overlap with authorized activities minimal, but 92 percent of habitat may be affected
Fish	Black rockfish ( <i>Sebastes melanops</i> )	SC	GNR; SNR	No	Evaluation	Not federally threatened or endangered; state candidate species; insufficient biological information	Exclude	Not federally threatened or endangered; insufficient biological information
	Bocaccio rockfish ( <i>Sebastes paucispinis</i> )	FE; SC	G4; SNR		Evaluation	Federally listed as endangered; state candidate species	Include	Federally endangered; potential use of eelgrass and kelp by juveniles.
	Brown rockfish	SC	GNR;	Yes	Evaluation	Federal	Exclude	Little direct effects

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	( <i>Sebastes auriculatus</i> )		SNR			species of concern; state candidate; little direct effects associated with covered activities; indirect effects encompass a relatively small percentage of available habitat		associated with covered activities; indirect effects encompass a relatively small percentage of available habitat
	Bull trout/Dolly Varden ( <i>Salvelinus confluentus</i> )	FT; SC	G4; S3	Yes	Covered	Federally listed as threatened; state candidate; high potential to affect two of three life stages	Include	High potential to affect two of three life stages



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	Canary rockfish ( <i>Sebastes pinniger</i> )	FT;SC	GNR; SNR	No	Evaluation	Federally listed as threatened; state candidate; low potential for effects	Include	Federally threatened; potential use of shallow nearshore habitats by juveniles.
	China rockfish ( <i>Sebastes nebulosus</i> )	SC	GNR; SNR	No	Evaluation	Not federally listed; state candidate; insufficient biological information	Exclude	Insufficient biological information
	Chinook salmon ( <i>Oncorhynchus tshawytscha</i> )	FT/FE; SC	G5; S3S4	Yes	Covered	Federally threatened or endangered; state candidate; high potential to affect two of three life stages	Include	High potential to affect two of three life stages

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	Chum salmon ( <i>Oncorhynchus keta</i> )	FT; SC	G5; S3	Yes	Covered	Federally threatened; state candidate; high potential to affect two of three life stages	Include	High potential to affect two of three life stages
	Coastal cutthroat ( <i>Oncorhynchus clarki clarki</i> )	FCo	G4; SNR	Yes	Covered	Not state or federally threatened or endangered; high potential to affect two of three life stages; similar habitat requirements to other salmonids, therefore little to no additional conservation cost or effort	Include	High potential to affect two of three life stages; similar habitat requirements to other salmonids, therefore little to no additional conservation cost or effort

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	Coho salmon ( <i>Oncorhynchus kisutch</i> )	FT/FCo	G4; S3	Yes	Covered	Federally threatened; high potential to affect two of three life stages	Include	High potential to affect two of three life stages
	Copper rockfish ( <i>Sebastes caurinus</i> )	SC	GNR; SNR	Yes	Evaluation	Federal species of concern and state candidate; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Exclude	Little direct effects associated with covered activities; indirect effects encompass a relatively small percentage of available habitat

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	Eulachon ( <i>Thaleichthys pacificus</i> )	FT; SC	G5; S4	No	Evaluation	Federally threatened; state candidate; insufficient biological information	Include	Candidate species; important prey species; protected under HCP programmatic forage fish strategy
	Green sturgeon ( <i>Acipenser medirostris</i> )	FT (Southern DPS)	G3; S2N	No	Evaluation	Federally threatened; minimal distribution data	Include	Southern Distinct Population listed; forage in Willapa & Grays Harbor; potential impacts to prey resources associated with shellfish aquaculture
	Greenstriped rockfish ( <i>Sebastes elongatus</i> )	SC	GNR; SNR	No	Evaluation	Not state or federally threatened or endangered; apparently secure; insufficient biological information	Exclude	Apparently secure; insufficient biological information

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	Leopard dace ( <i>Rhinichthys falcatus</i> )	SC	G4; S2S3	No	Evaluation	Not state or federally threatened or endangered;; insufficient biological information	Exclude	Insufficient biological information
	Margined sculpin ( <i>Cottus marginatus</i> )	FCo; SS	G3; S1?	No	Watch	Not state or federally threatened or endangered; occurs in higher-order streams; low potential to affect	Exclude	Occurs in higher-order streams; low potential to affect
	Olympic mudminnow ( <i>Novumbra hubbsi</i> )	SS	G3; S2S3	No	Evaluation	Not state or federally threatened or endangered; no spatial overlap	Exclude	No spatial overlap

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	Pacific cod ( <i>Gadus macrocephalus</i> )	FCo; SC	G4; S2S3	Yes	Evaluation	Not state or federally threatened or endangered low potential to affect; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Exclude	Low potential to affect; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat

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	Pacific hake ( <i>Merluccius productus</i> )	FCo; SC	G5; S2S3	Yes	Evaluation	Not state or federally threatened or endangered low potential to affect; little direct take associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Exclude	Low potential to affect; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat

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	Pacific herring ( <i>Clupea pallasii</i> )	FCo; SC	GNR; SNR	Yes	Evaluation	Federal species of concern; state candidate; high potential to affect; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Include	High potential to affect; important prey species for higher trophic levels; protected under HCP programmatic forage fish strategy
	Pacific lamprey ( <i>Lampetra tridentate</i> )	FCo; SM	G4G5; S1	No	Evaluation	Federal species of concern; state monitored; not enough information for inclusion in initial potential effects analysis	Include	Recent studies confirm species directly utilizes state-owned aquatic lands during amoocyte phase of life history; populations declining



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	Pink salmon ( <i>Oncorhynchus gorbuscha</i> )	None	G5; S3	Yes	Covered	Not state or federally threatened or endangered; high potential to affect two of three life stages; similar habitat requirements to other salmonids, therefore little to no additional conservation cost or effort	Include	Not listed; high potential to affect two of three life stages; similar habitat requirements to other covered salmonids,
	Pacific sand lance ( <i>Ammodytes hexapterus</i> )	None	G5; SNR	No	Covered	Not state or federally threatened or endangered; populations appear stable; important prey species for higher trophic levels; protected under HCP programmatic forage fish strategy	Include	Important prey species for higher trophic levels; protected under HCP programmatic forage fish strategy
	Pygmy whitefish ( <i>Prosopium coulteri</i> )	FCo; SS	G5; S1 S2	No	Evaluation	Not state or federally threatened or endangered	Exclude	Not state or federally threatened or endangered

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	Quillback rockfish ( <i>Sebastes maliger</i> )	SC	GNR; SNR	Yes	Evaluation	Not state or federally threatened or endangered	Exclude	Not state or federally threatened or endangered
	Redstripe rockfish ( <i>Sebastes proriger</i> )	SC	GNR; SNR	No	Evaluation	Not state or federally threatened or endangered; apparently secure; insufficient biological information	Exclude	Not state or federally threatened or endangered; apparently secure; insufficient biological information
	River lamprey ( <i>Lampetra ayresi</i> )	FCo; SC	G4; S2	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Not state or federally threatened or endangered; insufficient biological information
	Sockeye/Kokanee ( <i>Oncorhynchus nerka</i> )	FT/FE; SC	G5; S2S3	Yes	Covered	Federally threatened or endangered; state candidate; high potential to affect two of three life stages	Include	High potential to affect two of three life stages

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	Steelhead ( <i>Oncorhynchus mykiss</i> )	FT/FE; SC	G5; S5	Yes	Covered	Federally threatened or endangered; state candidate; high potential to affect two of three life stages	Include	High potential to affect two of three life stages
	Surf smelt ( <i>Hypomesus pretinosus</i> )	None	G5; SNR	No	Watch	Not state or federally threatened or endangered; insufficient biological information	Include	Important prey species for higher trophic levels; protected under HCP programmatic forage fish strategy
	Tiger rockfish ( <i>Sebastes nigrocinctus</i> )	SC	G4; S2GNR; SNR	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Not state or federally threatened or endangered; insufficient biological information
	Umatilla dace ( <i>Rhinichthys umatilla</i> )	SC	G41; S21	No	Evaluation	Not state or federally threatened or endangered;; insufficient biological information	Exclude	Not state or federally threatened or endangered; insufficient biological information

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	Vermillion rockfish ( <i>Sebastes miniatus</i> )	None	GNR;	No	Watch	Not state or federally threatened or endangered; insufficient biological information	Exclude	Not state or federally threatened or endangered; insufficient biological information
	Walleye pollock ( <i>Theragra chalcogramma</i> )	FCo; SC	GNR; SNR	Yes	Evaluation	Not state or federally threatened or endangered; little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Exclude	Little direct effect associated with covered activities; indirect effects encompass a relatively small percentage of available habitat
	Westslope cutthroat ( <i>Oncorhynchus clarkii lewisi</i> )	FCo	G4T3; SNR	No	Watch	Not state or federally threatened or endangered; occurs in higher-order streams; low potential to affect	Exclude	Occurs in higher-order streams; low potential to affect

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	White sturgeon ( <i>Acipenser transmontanus</i> )	None	G4; S3BS4N	Yes	Evaluation	Not state or federally threatened or endangered	Include	Similar habitat requirements to green sturgeon, therefore inclusion provides benefit with little to no additional conservation cost or effort
	Widow rockfish ( <i>Sebastes entomelas</i> )	SC	GNR; SNR	No	Evaluation	Not state or federally threatened or endangered; low potential to affect	Exclude	Low potential to affect
	Yelloweye rockfish ( <i>Sebastes ruberrimus</i> )	FT; SC	G4; SUGNR; SNR	No	Evaluation	Federally listed as threatened; state species of concern; insufficient biological information	Include	Insufficient biological information
	Yellowtail rockfish ( <i>Sebastes flavidus</i> )	SC	G4; S3GNR; SNR	No	Evaluation	Not state or federally threatened or endangered; apparently secure	Exclude	Apparently secure
	Blue whale ( <i>Balaenoptera musculus</i> )	FE; SE	G3G42; S1S2SN R	No	Watch	No spatial overlap with authorized activities; insufficient biological information	Exclude	No spatial overlap with authorized activities

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Marine Mammals	Bowhead whale ( <i>Balaena mysticetus</i> )	FE	G32; S1S2SNR	No	Watch	No spatial overlap with authorized activities; insufficient biological information	Exclude	No spatial overlap with authorized activities
	Gray whale ( <i>Eschrichtius robustus</i> )	SS	G3G4; SNRZ	No	Watch	Not state or federally listed; apparently secure	Exclude	Apparently secure
	Humpback whale ( <i>Megaptera novaeangliae</i> )	FE; SE	G43; S2NR	Yes	Evaluation	State and federally endangered; low potential to affect; little direct take associated with covered activities; indirect effects encompass a relatively small percentage of available habitat	Exclude	Low potential to affect; little direct take associated with covered activities; indirect effects encompass a relatively small percentage of available habitat
	Northern sea otter ( <i>Enhydra lutris kenyoni</i> )	FCo; SE	G3G4; S2S3	Yes	Evaluation	State endangered; federal species of concern; low potential to affect	Exclude	Low potential to affect
	North Pacific right whale ( <i>Eubalaena japonica</i> )	FE	G4G5; G1; SNR S1S2	No	Watch	Federally endangered; no spatial overlap with authorized activities; insufficient biological information	Exclude	No spatial overlap with authorized activities; insufficient biological information

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	Southern resident killer whale (orca) ( <i>Orcinus orca</i> )	FE; SE	G43G54 ; SZSNR	Yes	Covered	Federally and state listed as endangered; high potential to affect	Include	Low to trace effects;
	Steller sea lion ( <i>Eumetopias jubatus</i> )	FT; ST	G31; SUS2N	No	Evaluation	State and federally threatened; low potential to affect; insufficient biological information	Exclude	Low potential to affect; insufficient biological information
	Columbia pebblesnail ( <i>Fluminicola columbiana</i> )	None		No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
Molluscs	California floater ( <i>Anodonta californiensis</i> )	FCo; SC	G3; S1S2	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Giant Columbia spire snail ( <i>Fluminicola columbiana</i> )	FCo; SC	G3; S1S2	No	None	Not state or federally threatened or endangered; insufficient information	Exclude	Insufficient biological information
	Idaho springsnail ( <i>Pyrgulopsis idahoensis</i> )	None	G1	No	Watch	Not state or federally threatened or endangered; low potential for effects;	Exclude	Insufficient biological information

Species		Listing Status <sup>1</sup>	Natural Heritage Rank <sup>2</sup>				Final Recommendation	Reasoning
Group	Name			Included in Potential Effects Analysis Screening <sup>3</sup>	Species Designation <sup>4</sup>	Reasoning <sup>5</sup>		
						insufficient biological information		
	Lynn's clubtail ( <i>Gomphus lynnae</i> )	FCo; SC	G12; S1S2	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Masked dusksnail ( <i>Lyogyrus</i> sp. 2)	None	G1G2; S1	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Nerite Rams-Horn ( <i>Vorticiflex neritoides</i> )	None	G1Q; S1	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Newcomb's littorine snail ( <i>Algamorda subrotundata</i> )	FCo; SC	G1G2; SNR	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Olympia Oyster ( <i>Ostrea luridaconchaphila</i> )	SC	G5; SNR	Yes	Evaluation	Not federally listed; state species of concern; direct effects unlikely; indirect affects	Exclude	Direct effects unlikely; indirect affects encompass a



Species		Listing Status <sup>1</sup>	Natural Heritage Rank <sup>2</sup>				Final Recommendation	Reasoning
Group	Name			Included in Potential Effects Analysis Screening <sup>3</sup>	Species Designation <sup>4</sup>	Reasoning <sup>5</sup>		
						encompass a relatively small percentage of available habitat		relatively small percentage of available habitat
	Olympia pebblesnail ( <i>Fluminicola virens</i> )	None	G2; S?	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Northern abalone (pinto abalone) ( <i>Haliotis kamtschatkana</i> )	FCo; SC	G3G4; S2SNR	Yes	Covered	Not state or federally threatened or endangered; high potential effect from authorized activities	Exclude	Primary threat poaching/overharvest; minimal spatial overlap with authorized activities
	Shortface Lanx ( <i>Fisherola nuttalli</i> )	SC	G2;S2	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Washington duskysnail ( <i>Amnicola</i> sp. 2)	None	G1; S1	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information

Species		Listing Status <sup>1</sup>	Natural Heritage Rank <sup>2</sup>				Final Recommendation	Reasoning
Group	Name			Included in Potential Effects Analysis Screening <sup>3</sup>	Species Designation <sup>4</sup>	Reasoning <sup>5</sup>		
	Western ridged mussel ( <i>Gonidea angulata</i> )	None	G3; S21S32	No	Evaluation	Not state or federally threatened or endangered; insufficient biological information	Exclude	Insufficient biological information
	Kalm's lobelia ( <i>Lobelia kalmii</i> )	SE	G5; S1	No	Watch	State endangered, but not federally listed; no spatial overlap	Exclude	No spatial overlap
Plants	Persistent sepal yellowcress ( <i>Rorippa calycina</i> )	FCo; SE	G3; S1S2	Yes	Evaluation	State endangered, federal species of concern; not documented in Washington	Exclude	Not documented in Washington
	Pygmy water-lily ( <i>Nymphaea tetragona</i> )	SX	G5; SH	No	Watch	Extirpated; Does not occur on state-owned aquatic lands; insufficient biological information	Exclude	Does not occur on state-owned aquatic lands
	Water howellia ( <i>Howellia aquatilis</i> )	FT; ST	G3; S2S3	Yes	Evaluation	Federally and state threatened; no spatial overlap with authorized activities	Exclude	No spatial overlap with authorized activities
	Water lobelia ( <i>Lobelia dortmanna</i> )	ST	G4G5; S2	Yes	Evaluation	State threatened; not federally listed	Exclude	Insufficient biological information

Species		Listing Status <sup>1</sup>	Natural Heritage Rank <sup>2</sup>				Final Recommendation	Reasoning
Group	Name			Included in Potential Effects Analysis Screening <sup>3</sup>	Species Designation <sup>4</sup>	Reasoning <sup>5</sup>		

