

Glossary of Terms

Fish	
<u>Common Name</u>	<u>Scientific Name</u>
Chinook salmon	<i>Oncorhynchus tshawytscha</i>
coho salmon	<i>Oncorhynchus kisutch</i>
chum salmon.....	<i>Oncorhynchus keta</i>
pink salmon.....	<i>Oncorhynchus gorbuscha</i>
sea-run cutthroat trout.....	<i>Oncorhynchus clarki</i>
steelhead trout	<i>Oncorhynchus mykiss</i>
bull trout char	<i>Salvelinus confluentus</i>
mountain whitefish.....	<i>Prosopium williamsoni</i>
starry flounder	<i>Platichthys stellatus</i>
Peamouth chub	<i>Mylocheilus caurinus</i>
Pacific staghorn sculpin.....	<i>Leptocottus armatus</i>
Prickly sculpin	<i>Cottus asper</i>
Three-spined sticklebacks.....	<i>Gasterosteus aculeatus</i>
shiner perch	<i>Cymatogaster aggregata</i>
smelt	<i>Spirinchus thaleichthys</i>
Pacific lamprey.....	<i>Lampetra tridentate</i>
River lamprey.....	<i>Lampetra auresi</i>
Candlefish	<i>Thaleichthys pacificus</i>
Pacific herring	<i>Clupea pallasii</i>
white sturgeon	<i>Acipenser transmontanus</i>
sunfish	<i>Lepomis gibbosus</i>

Amphibians/Reptiles	
<u>Common Name</u>	<u>Scientific Name</u>
Western toad	<i>Bufo boreas</i>
Pacific chorus frog.....	<i>Pseudacris regilla</i>
Red-legged frog.....	<i>Rana aurora</i>
Bullfrog.....	<i>Rana catesbeiana</i>
Northwestern salamander.....	<i>Amybstoma gracile</i>
Long-toed salamander	<i>Amybstoma macrodactylum</i>
Western redback salamander	<i>Plethodon cinereus</i>
Ensatina	<i>Ensatina eschscholtzii</i>
Rough-skinned newt	<i>Taricha granulose</i>
Northwestern garter snake.....	<i>Thamnophis ordinoides</i>
Common garter snake.....	<i>Thamnophis sirtalis</i>

Mammals	
<u>Common Name</u>	<u>Scientific Name</u>
Long-legged myotis	<i>Myotis volans</i>
Long-eared myotis.....	<i>Myotis evotis</i>
Little brown myotis	<i>Myotis lucifugus</i>
California myotis	<i>Myotis californicus</i>
Big brown bat	<i>Eptesicus fuscus</i>
Hoary bat.....	<i>Lasiurus cinereus</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Townsend's big-eared bat.....	<i>Corynorhinus townsendii townsendii</i>
Townsend's vole.....	<i>Microtus townsendii</i>
Long-tailed vole.....	<i>Microtus longicaudus</i>
Creeping vole	<i>Microtus oregoni</i>
House mouse.....	<i>Mus musculus</i>
Deer mouse	<i>Peromyscus maniculatus</i>
Pacific water shrew	<i>Sorex bendirii</i>
Dusky shrew	<i>Sorex monticolus</i>
Trowbridge's shrew	<i>Sorex trowbridgii</i>
Vagrant shrew	<i>Sorex vagrans</i>
American shrew mole	<i>Neurtriches gibbsii</i>
Townsend's mole	<i>Scapanus townsendii</i>
Coast mole	<i>Scapanus orarius</i>
Norway rat	<i>Rattus norvegicus</i>
Black rat.....	<i>Rattus rattus</i>
Douglas squirrel.....	<i>Tamiasciurus douglasii</i>
Snowshoe hare.....	<i>Lepus americanus</i>
Black-tailed deer	<i>Odocoileus hemionus</i>
Virginia opossum	<i>Dedelphis virginiana</i>
Beaver	<i>Castor canadensis</i>
Coyote	<i>Canis latrans</i>
Red fox	<i>Vulpes vulpes</i>
Bobcat	<i>Felis rufus</i>
Cougar	<i>concolor</i>
Long-tailed weasel.....	<i>Mustela frenata</i>
Short-tailed weasel (ermine).....	<i>Mustela erminea</i>
Striped skunk.....	<i>Mephitis mephitis</i>
Western spotted skunk	<i>Spilogale gracilis</i>
Northern raccoon	<i>Procyon lotor</i>
Muskrat	<i>Ondatra zibethicus</i>
Northern river otter	<i>Lutra canadensis</i>
Mink	<i>Mustela vison</i>

n = non-native

Birds	
Common Name	Scientific Name
Greater white-fronted goose.....	<i>Anser albifrons</i>
Snow geese.....	<i>caerulescens</i>
Canada goose	<i>Branta canadensis</i>
Gadwall.....	<i>Anas strepera</i>
American wigeon.....	<i>Anas americana</i>
Mallard	<i>Anas platyrhynchos</i>
Blue-winged teal.....	<i>Anas discors</i>
Northern shoveler	<i>Anas clypeata</i>
Northern pintail	<i>Anas acuta</i>
Green-winged teal	<i>Anas crecca</i>
Redhead.....	<i>Aythya Americana</i>
Ring-necked duck	<i>Aythya collaris</i>
Lesser scaup.....	<i>Aythya affinis</i>
Ring-necked pheasant	<i>Phasianus colchicus</i>
Pied-billed grebe.....	<i>Podilymbus podiceps</i>
Western grebe.....	<i>Aechmophorus occidentalis</i>
Double-crested cormorant	<i>Phalacrocorax auritus</i>
American Bittern	<i>Botaurus lentiginosus</i>
Great blue heron	<i>Ardea herodias</i>
Green heron	<i>Butorides virescens</i>
Turkey vulture	<i>Cathartes aura</i>
Osprey	<i>Pandion haliaetus</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Northern harrier	<i>Circus cyaneus</i>
Sharp-shinned hawk	<i>Accipiter striatus</i>
Cooper's hawk	<i>Accipiter cooperii</i>
Northern goshawk	<i>Accipiter gentilis</i>
Red-shouldered hawk.....	<i>Buteo lineatus</i>
Red-tailed hawk.....	<i>Buteo jamaicensis</i>
Golden eagle.....	<i>Aquila chrysaetos</i>
American kestrel.....	<i>Falco sparverius</i>
Merlin	<i>Falco columbarius</i>
Gyr Falcon	<i>Falco rusticolus</i>
Peregrine falcon	<i>Falco peregrinus</i>
Virginia rail.....	<i>Rallus limicola</i>
Sora.....	<i>Porzana carolina</i>
American coot	<i>Fulica americana</i>
Black-bellied plover	<i>Pluvialis squatarola</i>
American golden plover	<i>Pluvialis dominica</i>
Pacific golden plover	<i>Pluvialis fulva</i>
Killdeer.....	<i>Charadrius vociferous</i>
Greater yellowlegs.....	<i>Tringa melanoleuca</i>
Lesser yellowlegs	<i>Tringa flavipes</i>
Solitary sandpiper.....	<i>Tringa solitaria</i>
Western sandpiper	<i>Calidris mauri</i>
Least sandpiper	<i>Calidris minutilla</i>
Baird's sandpiper.....	<i>Calidris bairdii</i>
Pectoral sandpiper.....	<i>Calidris melanotos</i>
Sharp-tailed sandpiper	<i>Calidris acuminata</i>
Dunlin	<i>Calidris alpina</i>
Stilt sandpiper.....	<i>Calidris himantopus</i>
<i>(continued on next page)</i>	

n = non-native

Trees	
Common Name	Scientific Name
Scots pine ⁿ	<i>Pinus sylvestris</i>
Sitka spruce	<i>Picea sitchensis</i>
Norway spruce ⁿ	<i>Picea abies</i>
Douglas-fir	<i>Pseudotsuga menziesii</i>
Red alder	<i>Alnus rubra</i>
Black cottonwood.....	<i>Populus balsamifera ssp. trichocarpa</i>
Shrubs	
Common Name	Scientific Name
Douglas spirea	<i>Spiraea douglasii</i>
Salmonberry	<i>Rubus spectabilis</i>
Red elderberry.....	<i>Sambucus racemosa</i>
Himalayan blackberry.....	<i>Rubus armeniacus</i>
Evergreen blackberry	<i>Rubus laciniatus</i>
Common cattail	<i>Typha latifolia</i>
Grasses	
Common Name	Scientific Name
Creeping bentgrass.....	<i>Agrostis stolonifera</i>
Reed canary grass ⁿ	<i>Palaris arundinaceae</i>
Quackgrass ⁿ	<i>Elytrigia repens</i>
Tall fescue.....	<i>Festuca arundinaceae</i>
Kentucky bluegrass.....	<i>Poa pratensis</i>
Groundcover/Emergents	
Common Name	Scientific Name
Soft rush	<i>Juncus effusus</i>
Creeping buttercup	<i>Ranunculus repens</i>
Pacific silverweed	<i>Potentilla anserina</i>
Brass buttons ⁿ	<i>Cotula coronopifolia</i>
Spike rush	<i>Eleocharis sp.</i>
Wapato.....	<i>Sagittaria latifolia</i>

Birds	
Common Name	Scientific Name
Short-billed dowitcher	<i>Limnodromus griseus</i>
Long-billed dowitcher	<i>Limnodromus scolopaceus</i>
Wilson's snipe	<i>Gallinago delicata</i>
Wilson's phalarope	<i>Phalaropus tricolor</i>
Bonaparte's gull	<i>Larus Philadelphia</i>
Mew gull	<i>Larus canus</i>
Ring-billed gull	<i>Larus delawarensis</i>
California gull	<i>Larus californicus</i>
Herring gull	<i>Larus argentatus</i>
Thayer's gull	<i>Larus thayeri</i>
Western gull	<i>Larus occidentalis</i>
Glaucous-winged gull	<i>Larus glaucescens</i>
Caspian tern	<i>Hydropogone caspia</i>
Rock pigeon	<i>Columba livia</i>
Mourning dove	<i>Zenaida macroura</i>
Barn owl	<i>Tyto alba</i>
Western Screech owl	<i>Megascops kennicottii</i>
Great horned owl	<i>Bubo virginianus</i>
Snowy owl	<i>Bubo scandiacus</i>
Short-eared owl	<i>Asio flammeus</i>
Northern saw-whet owl	<i>Aegolius acadicus</i>
Common nighthawk	<i>Chordeiles minor</i>
Black swift	<i>Cypseloides niger</i>
Vaux's swift	<i>Chaetura vauxi</i>
Anna's hummingbird	<i>Calypte anna</i>
Rufous hummingbird	<i>Selasphorus rufus</i>
Belted kingfisher	<i>Ceryle alcyon</i>
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>
Downy woodpecker	<i>Picoides pubescens</i>
Hairy woodpecker	<i>Picoides villosus</i>
Northern flicker	<i>Colaptes auratus</i>
Pileated woodpecker	<i>Dryocopus pileatus</i>
Olive-sided flycatcher	<i>Contopus cooperi</i>
Willow flycatcher	<i>Empidonax traillii</i>
Hammond's flycatcher	<i>Empidonax hammondii</i>
Pacific-slope flycatcher	<i>Empidonax difficilis</i>
Western kingbird	<i>Tyrannus verticalis</i>
Eastern kingbird	<i>Tyrannus tyrannus</i>
Northern shrike	<i>Lanius excubitor</i>
Cassin's vireo	<i>Vireo cassinii</i>
Hutton's vireo	<i>Vireo huttoni</i>
Warbling vireo	<i>Vireo gilvus</i>
Stellar's jay	<i>Cyanocitta stelleri</i>
American crow	<i>Corvus brachyrhynchos</i>
Common raven	<i>Corvus corax</i>
Purple martin	<i>Progne subis</i>
Tree swallow	<i>Tachycineta bicolor</i>
Violet-green swallow	<i>Tachycineta thalassina</i>
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
Bank swallow	<i>Riparia riparia</i>
Cliff swallow	<i>Petrochelidon pyrrhonota</i>
Barn swallow	<i>Hirundo rustica</i>

Birds	
Common Name	Scientific Name
Black-capped chickadee	<i>Poecile atricapillus</i>
Chestnut-backed chickadee	<i>Poecile rufescens</i>
Bushtit	<i>Psaltriparus minimus</i>
Red-breasted nuthatch	<i>Sitta canadensis</i>
Brown creeper	<i>Certhia americana</i>
Bewick's wren	<i>Thryomanes bewickii</i>
Pacific wren	<i>Troglodytes pacificus</i>
Golden crowned kinglet	<i>Regulus satrapa</i>
Ruby crowned kinglet	<i>Regulus calendula</i>
Townsend's solitaire	<i>Myadestes townsendi</i>
Swainson's thrush	<i>Catharus ustulatus</i>
Hermit thrush	<i>Catharus guttatus</i>
American robin	<i>Turdus migratorius</i>
Varied thrush	<i>Ixoreus naevius</i>
European starling ⁿ	<i>Sturnus vulgaris</i>
Cedar waxwing	<i>Bombycilla cedrorum</i>
Orange crowned warbler	<i>Vermivora celata</i>
Yellow warbler	<i>Dendroica petechia</i>
Yellow-rumped warbler	<i>Dendroica coronata</i>
Black-throated gray warbler	<i>Dendroica nigrescens</i>
Townsend's warbler	<i>Dendroica townsendi</i>
MacGillivray's warbler	<i>Oporornis tolmiei</i>
Common yellowthroat	<i>Geothlypis trichas</i>
Wilson's warbler	<i>Wilsonia pusilla</i>
Western tanager	<i>Piranga ludoviciana</i>
Spotted towhee	<i>Pipilo maculatus</i>
Savannah sparrow	<i>Passerculus sandwichensis</i>
Fox sparrow	<i>Passerella iliaca</i>
Song sparrow	<i>Melospiza melodia</i>
Lincoln's sparrow	<i>Melospiza lincolni</i>
Swamp sparrow	<i>Melospiza Georgiana</i>
White-throated sparrow	<i>Zonotrichia albicollis</i>
Harris's sparrow	<i>Zonotrichia querula</i>
White-crowned sparrow	<i>Zonotrichia leucophrys</i>
Golden-crowned sparrow	<i>Zonotrichia atricapilla</i>
Dark-eyed junco	<i>Junco hyemalis</i>
Lazuli bunting	<i>Passerina amoena</i>
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>
Red-winged blackbird	<i>Agelaius phoeniceus</i>
Western meadowlark	<i>Sturnella neglecta</i>
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>
Brewer's blackbird	<i>Euphagus carolinus</i>
Brown-headed cowbird	<i>Molothrus ater</i>
Bullock's oriole	<i>Icterus bullockii</i>
Purple finch	<i>Carpodacus purpureus</i>
House finch	<i>Carpodacus mexicanus</i>
Pine siskin	<i>Carduelis pinus</i>
American goldfinch	<i>Carduelis tristis</i>
Evening grosbeak	<i>Coccothraustes vespertinus</i>
House sparrow ⁿ	<i>Passer domesticus</i>

n = non-native

References

- Anchor QEA, LLC. 2009. Marshland Subarea Plan. Prepared for City of Everett, WA.
- Bartz, K.K., K. Lageux, M.D. Scheuerell, T. Beechie, A. Haas, M. Ruckelshaus. 2006. “Translating restoration scenarios into habitat conditions: an initial step in evaluating recovery strategies for Chinook salmon (*Oncorhynchus tshawytscha*)”. *Canadian Journal of Fisheries and Aquatic Sciences*. 63: 1578-1595.
- Battelle – Pacific Northwest Division. 2007. Hydrodynamic Modeling Study of the Snohomish River Estuary, Snohomish River Estuary Restoration Feasibility Study. Prepared for Tulalip Tribes, Tulalip, WA.
- Battin, J., M.W. Wiley, M.H. Ruckelshaus, R.N. Palmer, E. Korb, K.K. Bartz, and H. Imaki. 2007. “Projected Impacts of Climate Change on Salmon Habitat Restoration”. *Proceedings of the National Academy of Sciences* 104:6720–6725.
- Beamer, E.M., and K. Larsen. 2004. The Importance of Skagit Delta Habitat of Wild Ocean-Type Chinook in Skagit Bay: Implications for Delta Restoration. The Skagit River System Cooperative. PO Box 368. LaConner WA 98257.
- Beamer, E.M., A. McBride, C. Greene, R. Henderson, G. Hood, K. Wolf, K. Larsen, C. Rice, and K. Fresh. 2005. Delta and Nearshore Restoration for the Recovery of Wild Skagit River Chinook Salmon: Linking Estuary Restoration to Wild Chinook Salmon Populations. Skagit River System Cooperative.
- Berger, C. 2005. North Meander Slough Reconnection Project (RR-49202) Wetland Report and Functional Assessment. Snohomish County Department of Public Works, Everett, WA.
- Bourdeau, A. 2007. Cultural Resource Investigation for the Allen and Jones Creek Restoration Phase of the Qwuloolt - Snohomish Restoration Project, Snohomish County, Washington. OAHF Log No. 052107-24-USFWS. U.S. Fish and Wildlife Service, Sherwood, Oregon.
- Buchanan, J. 2006. Nearshore birds in Puget Sound. Puget Sound Nearshore Partnership report number 2006-05. Seattle District, U.S. Army Corps of Engineers, Seattle, WA.
- Burrell, G. 1978. Volume III Snohomish Estuary Wetlands Study Classification and Mapping. U.S. Army Corps of Engineers.
- Camp, Dresser & McKee Inc.’s (CDM). 2002. Phase 2 Environmental Assessment, Rhodes Property, Parcels 4-006 and 4-007, 12th Street NE, Snohomish County, Washington, Prepared for Snohomish County Public Works, Everett, WA.
- Camp, Dresser & McKee Inc.’s (CDM). 2004. Limited Phase 1 and 2 Environmental Assessment, Williams NW Pipeline Property, Parcels 3-005, 12th Street NE, Snohomish County, Washington, Prepared for Snohomish County Public Works, Everett, WA.

- Camp, Dresser & McKee Inc.'s (CDM). 2005. Supplemental Environmental Assessment, Williams NW Pipeline Property, Parcels 3-005, 12th Street NE, Snohomish County, Washington, Prepared for Snohomish County Public Works, Everett, WA.
- Camp Dresser & McKee Inc.'s (CDM). 2007. Supplemental Phase 2 Environmental Assessment, Rhodes Property, Parcels 4-006 and 4-007, 12th Street NE, Snohomish County, Washington, Prepared for Snohomish County Public Works, Everett, WA.
- Camp Dresser & McKee Inc.'s (CDM). 2008. Harnden Nursery – Check Site, Smith Island, Snohomish County, Washington. Prepared for Snohomish County Public Works, Everett, WA.
- Cederholm, C.J., D.H. Johnson, R.E. Bilby, L.G. Dominguez, A.M. Garrett, W.H. Graeber, E.L. Greda, M.D. Kunze, B.G. Marcot, J.F. Palmisano, R.W. Plotnikoff, W.G. Pearcy, C.A. Simenstad, and P.C. Trotter. 2000. Pacific Salmon and wildlife- ecological contexts, relationships, and implications for management. Special edition technical report, prepared for D.H. Johnson and T.A. O’Neil (Manag. Dirs.), Wildlife Habitat Relationships in Oregon and Washington. Washington Department of Fish and Wildlife; Olympia, WA.
- CH2M Hill. 2004. Conceptual Design Report for the Smith Island Restoration Project. Prepared for Snohomish County Public Works Surface Water Management, Everett, WA.
- CH2M Hill. 2005. Smith Island Restoration Project: Preliminary Geotechnical Investigations and Collection of Existing Data. Prepared for Snohomish County, Everett, WA
- CH2M Hill. 2007. Addendum: Smith Island Restoration Project: Preliminary Geotechnical Investigations and Collection of Existing Data. Prepared for Snohomish County, Everett, WA
- CH2M Hill. 2008. Memorandum: Smith Island Restoration Project, Dike Crossing at Williams Pipeline, Preliminary Settlements Analysis. Prepared for Snohomish County, Everett, WA.
- City of Everett. 1997. Snohomish Estuary Wetland Integration Plan (SEWIP). City of Everett Department of Planning and Community Development, Everett, WA.
- City of Everett. 2003. Shoreline Public Access Plan. City of Everett Department of Planning and Community Development, Everett, WA.
- City of Everett. 2006. 2025 Comprehensive Plan. Last updated 2010.
- City of Everett. 2009. City of Everett Freight Access and Mobility Study. 2009.
- Collins, B.D, D.R. Montgomery, and A.D. Haas. 2002. “Historical Changes In The Distribution and Functions of Large Wood in Puget Sound Lowland Rivers.” Canadian Journal of Fisheries and Aquatic Sciences 59:66-76.

- Cordell, J. R., H. Higgins, C. Tanner, J. K. Aitken. 1998. Biological Status of Fish and Invertebrate Assemblages in a Breached-dike Wetland Site at Spencer Island, Washington. Fisheries Research Institute, Univ. Wash., Seattle, WA
- Cordell, J. R., C. Tanner, J. K. Aitken. 1999. Fish Assemblages and Juvenile Salmon Diets at a Breached-dike Wetland Site, Spencer Island, Washington 1997-98. Fisheries Research Institute, Univ. Wash., Seattle, WA.
- Cordell, J.R., M. Stamey, C.D. Tanner, J.K. Aitken. 2001. Fish Assemblages and Juvenile Salmon Diets at a Breached Dike Wetland Site, Spencer Island, Washington 1999. UW School of Aquatic and Fishery Science. June 2001.
- Debose and Klungland. 1983. Soil Conservation Service Soil Survey of Snohomish County Area. United States Department of Agriculture and National Resources Conservation Service.
- Drut, M. and J. Buchanan. 2000. Northern Pacific Coast Regional Shorebird Management Plan. March 2000. U.S. Shorebird Conservation Plan.
- Emmett, R. L., and M. H. Schiewe (eds). 1997. Estuarine and Ocean Survival of Northeastern Pacific Salmon: Proceedings of the Workshop. U.S. Department of Commerce, NOAA Tech. Memo. NMFS-NWFSC 29:1-313.
- Equinox Research and Consulting International Inc (ERCI). 2007. Archaeological Investigation Report – Blue Heron Slough Conservation Bank, Marysville, Washington. Prepared for Wildlands of Washington Inc.
- Federal Energy Regulatory Commission. 2003. Northwest Pipeline Corporation Everett Delta Lateral Project. Docket No. CP01-49-002. Office of Energy Projects. Washington D.C.
- Fogg, S. 2010. Diking District 5 Commissioner. Personal communication.
- Fresh, K.L., B. Graeber, K. Bartz, J. Davies, M. Ruckelshaus, M. Scheuerell, B. Sanderson, A.D. Haas. Incorporating Spatial Structure and Diversity into Recovery Planning for Anadromous Pacific Salmon Populations. American Fisheries Society publication (submitted).
- Geoengineers. 2011. Smith Island Restoration Project - Geomorphic Characterization and Channel Response Assessment for Union Slough. Prepared for Snohomish County Public Works
- Glick, P., J. Clough, and B. Nunley. 2007. Sea-level Rise and Coastal Habitats in the Pacific Northwest: An Analysis for Puget Sound, Southwestern Washington, and Northwestern Oregon. Prepared for National Wildlife Federation.
- Golder and Associates. 2003. Everett Delta Lateral Project, Additional Geotechnical Investigations at the Steamboat, Ebey, and Union Sloughs, HHD Crossing, Everett, Washington. Prepared for Williams – Northwest Pipelines, Salt Lake City, Utah.

- Gray, A., C. A. Simenstad, D. L. Bottom and T. J. Cornwell. 2002. "Contrasting Functional Performance of Juvenile Salmon Habitat in Recovering Wetlands of the Salmon River Estuary. Oregon, USA." *Restoration Ecology* 10(3):514-526.
- Greiner, C.M. 2010. Principles for Strategic Conservation and Restoration. Prepared for the Puget Sound Nearshore Ecosystem Restoration Project.
- Haas, A. 2001. Salmon Habitat Restoration Opportunities in the Snohomish River Valley, Washington. Snohomish County Public Works, Surface Water Management Division Report.
- Haas, A, and B. Collins. 2001. A Historical Analysis of Habitat Alterations in the Snohomish River Valley, Washington, Since the Mid-19th Century: Implications for Chinook and Coho Salmon. The Tulalip Tribes and Snohomish County, Everett, WA.
- Haas, A. 2009. Principal Habitat Specialist. Snohomish County Surface Water Management. Personal communication.
- Hruby, T. 2004. Washington State Wetland Rating System for Western Washington –Revised. Washington State Department of Ecology Publication # 04-06-025.
- IUCN. 2010. IUCN Red List of Threatened Species. Version 2010.4.
- Johnson, D.H. and T.A. O’Neil. 2001. Wildlife-Habitat Relationships in Oregon and Washington. Oregon State University Press. Corvallis, OR.
- Jones and Stokes. 2001. Everett Water Pollution Control Facility Smith Island Habitat and Dike Maintenance Project, Rhodes Property Acquisition. Prepared for City of Everett Public Works Department.
- Jones and Stokes. 2001. City of Everett Water Pollution Control Facility Dike Maintenance and Mitigation Project Site. Prepared for City of Everett Public Works Department.
- Jones and Stokes. 2002. Wetland Mitigation Plan, Smith Island Habitat Restoration and Dike Maintenance Project. Prepared for City of Everett Public Works.
- Landau Associates. 2009. Cultural Resources Feasibility Study Smith Island Restoration Project, Snohomish County, Washington. Prepared for Snohomish County Public Works. May 8, 2009.
- Landau Associates. 2010a. Cultural Resources Assessment for Smith Island Restoration Project, Snohomish County, Washington. Prepared for Snohomish County Public Works, Everett, WA. January 12, 2010.
- Landau Associates. 2010b. Cultural Resources Assessment for Smith Island Dike Improvement Project, Everett, Washington. Prepared for the City of Everett Public Works Department. November 4, 2010.

- Larsen, E. 2010. Smith Island Wetland Delineation. Prepared for Snohomish County Department of Public Works, Surface Water Management.
- Macdonald, J. S., C. D. Levings, C. D. McAllister, U. H. M. Fagerlund, and J. R. McBride. 1988. "A Field Experiment to Test the Importance of Estuaries for Chinook Salmon (*Oncorhynchus tshawytscha*) Survival: Short-Term Results." *Canadian Journal of Fisheries and Aquatic Sciences* 45:1366–1377.
- Magnusson, A. and R. Hilborn, 2003. "Estuarine Influence on Survival Rates of Coho (*Oncorhynchus kisutch*) and Chinook Salmon (*Oncorhynchus tshawytscha*) Released from Hatcheries on the U.S. Pacific coast." *Estuaries* 26(4B): 1094-1103.
- Mollat, W.H. DVM. 2010. Diplomate, American College of Veterinary Internal Medicine (Large Animal), Equine Referral Hospital, Pilchuck Veterinary Hospital. Personal communication.
- Moser, M. L., A. F. Olson, and T. P. Quinn. 1991. "Riverine and Estuarine Migratory Behavior of Coho Salmon (*Oncorhynchus kisutch*) Smolts." *Canadian Journal of Fisheries and Aquatic Sciences* 48:1670– 1678.
- National Marine Fisheries Service (NMFS). 1999. Endangered and Threatened Species: Threatened Status for Three Chinook Salmon Evolutionary Units in Washington and Oregon, and Endangered Status of One Chinook Salmon ESU in Washington. *Federal Register* / Vol. 64, No. 56 / Wednesday, March 24, 1999 / Rules and Regulations.
- National Fish and Wildlife Service (NMFS). 2005. Endangered and Threatened Wildlife and Plants: Designation of Critical Habitat for the Bull Trout Final Rule. *Federal Register* / Vol. 70, No. 185 / Monday, September 26, 2005 / Rules and Regulations.
- National Marine Fisheries Service (NMFS). 2007. Endangered and Threatened Species: Final Listing Determination for Puget Sound Steelhead. *Federal Register* / Vol. 72, No. 91 / Friday, May 11, 2007 / Rules and Regulations.
- Pentec Environmental. 1992. Port of Everett, Snohomish Estuary Fish Habitat Study 1991 – 1992. Final Report. Prepared for Port of Everett, Edmonds, WA.
- Pentec Environmental. 2001. Salmon Overlay to the Snohomish Estuary Wetland Integration Plan (SEWIP). City of Everett Department of Planning and Community Development, Everett, WA.
- Pentec Environmental Inc. 2002. Bull Trout Monitoring in the Snohomish River During Periods of Hydraulic Dredging. Prepared for the U.S. Army Corps of Engineers. Edmonds, WA.
- Pentec Environmental Inc. 2002. Union Slough Mitigation/Restoration Site Annual Report 2001. Prepared for Port of Everett. Everett, WA.

- Pentec Environmental Inc. 2003. Union Slough Restoration Site 2002 Annual Report. Prepared for Port of Everett. Everett, WA.
- Pentec Environmental Inc. 2004. Union Slough Restoration Site 2003 Annual Report. Prepared for Port of Everett. Everett, WA.
- Pentec Environmental Inc. 2006. Union Slough Restoration Site 2005 Annual Report. Prepared for Port of Everett. Everett, WA.
- Perteet and HDR. 2009. Everett Freight Access and Mobility Study. Prepared for City of Everett, City of Marysville, and Port of Everett.
- Plummer, G.H., F.G. Plummer, and J.H. Rankine. 1902. Map of Washington Classification of Lands. Plate 1: in: Gannet, H., The Forests of Washington, a Revision of Estimates. U.S. Geological Survey Professional Paper 5, Series H, Forestry, 2. p38.
- Puget Sound Partnership. 2008. Puget Sound Action Agenda – Protecting and Restoring the Puget Sound Ecosystem by 2020. Olympia, WA.
- Puget Sound Partnership. 2010. 2009 State of the Sound Report. Publication No. PSP09-08. Olympia, WA.
- Reed, P.B., Jr. 1997. Revision of the National List of Plant Species that Occur in Wetlands. U.S. Department of the Interior, Fish and Wildlife Service. Washington D.C.
- Rooke, L. 2008. Archaeological Resource Assessment Qwuloolt Habitat Restoration Project, Marysville, Washington. U.S. Army Corps of Engineers. Seattle, Washington.
- Rowse, M. and K. Fresh. 2003. Juvenile Salmonid Utilization of the Snohomish River Estuary, Puget Sound. Northwest Fisheries Science Center. National Marine Fisheries Service.
- Rowse, M. 2009. Research Fishery Biologist. NOAA Fisheries Service. Personal communication
- Scheuerell, M.D., R. Hilborn, M.H. Ruckelshaus, K.K. Bartz, K.M. Lagueux, A.D. Haas, and K. Rawson. 2006. “The Shiraz Model: A Tool for Incorporating Anthropogenic Effects and Fish-Habitat Relationships in Conservation Planning.” Canadian Journal of Fisheries and Aquatic Sciences. 63:1596-1607.
- Shared Strategy for Puget Sound. 2007. The Puget Sound Salmon Recovery Plan. National Marine Fisheries Service.
- Shreffler, D. K., C. A. Simenstad, and R. M. Thom. 1992. “Juvenile Salmon Foraging in a Restored Estuarine Wetland”. Estuaries 15:204-213.
- Simenstad, C.A. and E.O. Salo. 1982. Foraging Success as a Determinant of Estuarine and Nearshore. Carrying Capacity of Juvenile Chum Salmon (*Oncorhynchus keta*) in Hood Canal, Washington, p. 21-37. In: B.R. Meltreffe and .A. Neve (eds.) Proceedings of the North Pacific Aquaculture Symposium. Alaska Sea Grant Rep. 82-2.

- Simenstad, C.A., K.L. Fresh, and E.O. Salo. 1982. The Role of Puget Sound and Washington Coastal Estuaries in the Life History of Pacific Salmon: An Unappreciated Function. Pp. 343-364. In V. S. Kennedy (Ed.) Estuarine comparisons. Academic Press, New York. 539 pp.
- Smith, M.R., P. Mattocks, Jr., K.M. Cassidy. 1997. Breeding Birds of Washington State. Volume 4 in Washington State Gap Analysis- Final Report (K.M. Cassidy, C.E. Grue, M.R. Smith, and K.M. Dvornich, eds.). Seattle Audubon Publications in Zoology No. 1, Seattle.
- Snohomish County. 1974. Shoreline Management Master Program. Last updated 1993.
- Snohomish County. 2005. Snohomish County Agricultural Action Plan: A Plan to Preserve and Enhance the Agricultural Economy in Snohomish County. March 2005.
- Snohomish County. 2005. 2025 Comprehensive Plan. December 30, 2005.
- Snohomish County. 2006. Snohomish County Comprehensive Plan: Snohomish County General Policy Plan, a Component of the GMA Comprehensive Plan. Snohomish County Department of Planning and Development Services, Everett, Washington. Last updated January 10, 2011.
- Snohomish County. 2007. Snohomish County Comprehensive Park and Recreation Plan: A Component of the GMA Comprehensive Plan. Snohomish County. Everett, WA.
- Snohomish County. 2009. Snohomish County Parks and Recreation Department. Smith Island Recreation Visioning: Design Charrette Summary. August 13, 2009.
- Snohomish County. 2010. Snohomish County, Shoreline Management Program: Shoreline Environment Designations: Policies and Regulations. Proposed Shoreline Management Program Update. Adopted by the Snohomish County Council on October 13, 2010.
- Snohomish County. 2011. Snohomish County Public Works Department. Traffic Operations Memorandum: Level of Service Analysis of Four Intersections. May 2, 2011.
- Snohomish County Agricultural Economic Development Action Team. 2007. Strategies for Economic Recovery and Expansion of Snohomish County's Agriculture Industry. February 7, 2007.
- Snohomish County Parks and Recreation. 2007. Snohomish County Comprehensive Park and Recreation Plan: A Component of the GMA Comprehensive Plan. Snohomish County, Everett, WA.

- Snohomish County Public Works. 1996. Drainage District 6 Restoration Plan. December 1996.
- Snohomish County Public Works. 2002. Environmental Risk Assessment Report Rhodes Property (RR9097-101-37). Prepared for Snohomish County Parks and Recreation Department. Everett, WA.
- Snohomish Basin Salmon Recovery Forum (SBSRF). 2005. Snohomish River Basin Salmon Conservation Plan. Snohomish County Public Works, SWM, Everett, WA.
- Snohomish Basin Salmonid Recovery Technical Committee (SBSRTC). 2002. Snohomish River Basin Salmonid Habitat Conditions Review. Snohomish County Department of Public Works, Surface Water Management Division. Everett, WA.
- Snohomish Basin Salmonid Recovery Technical Committee (SBSRTC). 2004. Snohomish River Basin Ecological Analysis for Salmonid Conservation. Snohomish County Public Works, SWM, Everett, WA.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at <http://websoilsurvey.nrcs.usda.gov/> accessed [April 14, 2010].
- South, D. 2010. Senior Engineer Toxics Cleanup Program. Washington State Department of Ecology. Personal communication.
- Stamey, M. 2008. Smith Island Restoration Project (RR-49206) Wetland Characterization Report. Prepared for Snohomish County Department of Public Works. Everett, WA.
- Talasaesa Consultants Inc. 2005. Snohomish Basin Mitigation Bank Mitigation Banking Instrument. Prepared for Habitat Bank LLC. Woodinville, WA.
- Tanner, C.D., J.R. Cordell, J. Rubey and L.M. Tear. 2002. "Restoration of Freshwater Intertidal Habitat Functions at Spencer Island, Everett, WA." Restoration Ecology. Volume 10. No. 3 pp. 564-576.
- Thom, R. M., R. Zeigler, and A. B. Borde. 2002. "Floristic Development Patterns in a Restored Elk River Estuarine Marsh, Grays Harbor, Washington." Restoration Ecology 10:487-496.
- Thorpe, J. E. 1994. "Salmonid Fishes and the Estuarine Environment." Estuaries 17(1a):76-93.
- U.S. Department of Agriculture (USDA) and Natural Resources Conservation Service (NRCS). 2001. Hydric Soils List. Snohomish County Area, Washington: Detailed soil map legend. Spokane, Washington.
- U.S. Environmental Protection Agency (USEPA). 1993. Volunteer Estuary Monitoring: A Methods Manual. EPA 842-B-93-004. Washington, DC: USEPA Office of Water. 176 pp.

- United States Fish and Wildlife Service (USFWS). 2005. Nisqually National Wildlife Refuge Final Comprehensive Conservation Plan. March 2005.
- United States Fish and Wildlife Service (USFWS). 2008. Birds of Conservation Concern 2008. Division of Migratory Bird Management. December 2008.
- Washington Department of Ecology. 1997a. Snohomish Estuary TMDL Study – Phase II. Water Quality Model Confirmation and Pollutant Loading Capacity Recommendations. Publication No. 97-325. Olympia, WA.
- Washington Department of Ecology (WDOE). 1997b. Water Quality Assessment of Tributaries to the Snohomish River and Non-point Source Pollution TMDL Study. Publication #97-334. Olympia, Washington.
- Washington Department of Ecology (WDOE). 1997. Washington State Wetland Identification and Delineation Manual. Publication #94-94. Olympia, Washington.
- Washington Department of Ecology (WDOE). 1998. Candidate List of Impaired and Threatened Waterbodies (303(d) list). Olympia, WA.
- Washington Department of Ecology (WDOE). 1999. Snohomish River Estuary Total Maximum Daily Load. Olympia, WA. Washington Department of Fish and Wildlife (WDFW). 2000. PHS Management Recommendations. Vol. IV: birds.
- Washington Department of Fish and Wildlife (WDFW). 2005. Comprehensive Wildlife Conservation Strategy. September 2005.
- West Consultants, Inc. 2003. Channel Migration and Scour Evaluation, Everett Delta Project, Snohomish River Washington. Prepared for Williams Northwest Pipeline, Salt Lake City, Utah.
- West Consultants, Inc. 2007. Channel Migration and Scour Evaluation, Everett Delta Natural Gas/Smith Island Restoration, Snohomish River, Washington. Prepared for CH2M Hill, Bellevue, WA.
- Will, M.E., and G.W. Suter, II. 1997. Toxicological Benchmarks for Screening Potential Contaminants of Concern for Effects of Terrestrial Plants: 1997 Revision. ES/ER/TM-85/R3. Oak Ridge National Laboratory, Environmental Sciences Division.
- Williams, R.W., R.M. Laramie, and J.J. Ames. 1975. A Catalog of Washington Streams and Salmon Utilization, Volume 1, Puget Sound Region. Washington Dept. of Fisheries, Olympia.
- Wiltermood Associates, Inc. 2005. Nisqually Fish Hatchery Off-site Wetland Mitigation at Red Salmon Slough Year Eight Monitoring. Prepared for Nisqually Indian Tribe. Olympia, WA.

Yang, G. 2010. Sediment Cleanup. Washington State Department of Ecology.
Personal communication.

ON-LINE REFERENCES:

All About Birds. 2011. Cornell Lab of Ornithology.

<http://www.allaboutbirds.org/Page.aspx?pid=1189>

American Bird Conservancy. 2010.

<http://www.abcbirds.org/abcprograms/science/watchlist/index.html>

Burke Museum of Natural History and Culture. 2009

<http://www.washington.edu/burkemuseum/collections/mammalogy/mamwash/index.php>

City of Everett. 2008.

www.everettwa.org

Environmental Protection Agency. 2011.

<http://www.epa.gov/owow/estuaries/monitor/>

National Audubon Society. 2011.

<http://conservation.audubon.org/>

National Estuarine Research Reserve System (NERRS). 2011.

<http://www.nerrs.noaa.gov/ECIndex.aspx?ID=307>

National Pipeline Mapping System. 2007. Pipeline and Hazardous Materials Safety Administration. www.npms.phmsa.dot.gov

National Register of Historic Places. 2009.

<http://www.nps.gov/nr/>

Partners in Flight. 2006.

www.partnersinflight.org/

Puget Sound Energy. 2011.

www.pse.com

Puget Sound Nearshore Ecosystem Restoration Project (PSNERP). 2010.

<http://www.pugetsoundnearshore.org/>

SalmonScape. 2011. Interactive Mapping Utility by Washington Department of Fish and Wildlife. <http://wdfw.wa.gov/mapping/salmonscape/index.html>.

Seattle Audubon Society. 2008.

<http://www.birdweb.org/birdweb/index.aspx>

Snohomish County Permit, Planning and Zoning Map.

<http://gis.snoco.org/maps/permits/index.htm>

Snohomish County Online Property Information.

<http://gis.snoco.org/maps/property/index.htm>

Web Soil Survey. Natural Resources Conservation Service, United States Department of Agriculture. <http://websoilsurvey.nrcs.usda.gov>

The State of the Birds. 2010.

<http://www.stateofthebirds.org/>

The Tweepers Archives.

<http://mailman2.u.washington.edu/pipermail/tweepers/>

The Williams Companies. 2007.

www.williams.com

U.S. Fish and Wildlife Service Critical Habitat Portal. 2008.

<http://criticalhabitat.fws.gov>.

U.S. Department of Agriculture (USDA). Natural Resources Conservation Service (NRCS).

www.plants.usda.gov/plantguide/doc/cs_sacu.doc

U.S. Department of Energy.

www.energy.gov

Washington Department of Archaeology and Historic Preservation.

<http://www.dahp.wa.gov/>

Washington Herp Atlas. 2005. Department of Natural Resources. Washington Natural Heritage Program. <http://www1.dnr.wa.gov/nhp/refdesk/herp/speciesmain.html>

Washington Ornithological Society.

<http://www.wos.org/>

Washington State Historic Register.

<http://www.dahp.wa.gov/pages/historicsites/WashingtonHeritageRegister.htm>

Water Quality Assessment for Washington . Washington Department of Ecology (WDOE). 2007.

<http://apps.ecy.wa.gov/wqawa2008/viewer.htm>

