

**Shell Puget Sound Refinery (PSR) Rail Unloading Facility
Wildlife Species Observed to Occur or With the Potential to Occur
in the Project Vicinity**

**Table C-1: Wildlife Species Observed to Occur or Potential to Occur
in the Project Vicinity3**

This page intentionally left blank

COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Amphibians				
Bullfrog	<i>Rana catesbeiana</i>	P	P	P
Ensatina	<i>Ensatina eschscholtzii</i>	P	P	P
Long-toed salamander	<i>Ambystoma macrodactylum</i>	P		
Northwestern salamander	<i>Ambystoma gracile</i>	P	P	P
Pacific treefrog (Chorus frog)	<i>Hyla regilla</i>	O	P	P
Red-legged frog	<i>Rana aurora</i>	P	P	P
Roughskin newt	<i>Taricha granulosa</i>	P		
Western toad	<i>Bufo boreas</i>	P		
Birds				
American coot	<i>Fulica americana</i>	P	P	P
American crow	<i>Corvus brachyrhynchos</i>	O	O	P
American goldfinch	<i>Carduelis tristis</i>	P	P	P
American kestrel	<i>Falco sparverius</i>	P	P	P
American robin	<i>Turdus migratorius</i>	O	O	P
American wigeon	<i>Anas americana</i>	O	O	
Bald eagle	<i>Haliaeetus leucocephalus</i>	O	O	P
Band-tailed pigeon	<i>Columba fasciata</i>	P	P	P
Barn swallow	<i>Riparia riparia</i>	P	P	P
Barred owl	<i>Strix varia</i>	P	P	P
Belted kingfisher	<i>Ceryle alcyon</i>	P	P	P
Bewick's wren	<i>Thryomanes bewickii</i>	P	P	P
Black brant	<i>Branta bernicla nigricans</i>	O	O	P

COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Black-bellied plover	<i>Pluvialis squatarola</i>	O	O	
Black-capped chickadee	<i>Parus atricapillus</i>	P	P	P
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>	P	P	P
Black-throated gray warbler	<i>Dendroica nigrescens</i>	P	P	P
Blue-winged teal	<i>Anas discors</i>	P	P	P
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	P	P	P
Brown creeper	<i>Certhia americana</i>	P	P	P
Brown-headed cowbird	<i>Molothrus ater</i>	P	P	P
Bushtit	<i>Psaltriparus minimus</i>	P	P	P
California quail	<i>Callipepla californica</i>	P	P	P
Canada goose	<i>Branta canadensis</i>	O	O	P
Caspian tern	<i>Sterna caspia</i>		P	P
Cassin's vireo (Solitary vireo)	<i>Vireo solitarius</i>	P	P	P
Cedar waxwing	<i>Bombycilla cedrorum</i>	P	P	P
Chestnut-backed chickadee	<i>Parus rufescens</i>	P	P	P
Cinnamon teal	<i>Anas cyanoptera</i>	P	P	P
Cliff swallow	<i>Hirundo pyrrhonota</i>	P	P	P
Common barn-owl	<i>Tyto alba</i>	P	P	P
Common nighthawk	<i>Chordeiles minor</i>	P	P	P
Common raven	<i>Corvus corax</i>	P	P	P
Common snipe	<i>Gallinago gallinago</i>	P	P	P
Common yellowthroat	<i>Geothlypis trichas</i>	P	P	P



COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Cooper's hawk	<i>Accipiter cooperii</i>	P	P	P
Dark-eyed (Oregon) junco	<i>Junco hyemalis</i>	P	P	P
Downy woodpecker	<i>Picoides pubescens</i>	P	P	P
Dunlin	<i>Calidris alpina</i>	O	O	
European starling	<i>Sturnus vulgaris</i>	O	P	P
Gadwall	<i>Anas strepera</i>	P	P	P
Glaucous-winged gull	<i>Larus glaucescens</i>	P	P	P
Golden-crowned kinglet	<i>Regulus satrapa</i>	P	P	P
Great blue heron	<i>Ardea herodias</i>	O	O	
Great horned owl	<i>Bubo virginianus</i>	P	P	P
Greater scaup	<i>Bubo virginianus</i>	O	O	
Green heron (Green-backed heron)	<i>Butorides virescens</i>	P	P	P
Green winged teal	<i>Anas crecca</i>	O		
Hairy woodpecker	<i>Picoides villosus</i>	P	P	P
Hooded merganser	<i>Lophodytes cucullatus</i>	P	P	P
House finch	<i>Carpodacus mexicanus</i>	P	P	P
House sparrow	<i>Passer domesticus</i>	P	P	P
House wren	<i>Troglodytes aedon</i>	P	P	P
Hutton's vireo	<i>Vireo huttoni</i>	P	P	P
Killdeer	<i>Charadrius vociferus</i>	P	P	P
MacGillivray's warbler	<i>Oporornis tolmiei</i>	O	O	P
Mallard	<i>Anas platyrhynchos</i>	O	O	P
Marbled murrelet	<i>Brachyramphus</i>	P	P	P



COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
	<i>marmoratus</i>			
Marsh wren	<i>Cistothorus palustris</i>	P	P	P
Mourning dove	<i>Zenaida macroura</i>	P	P	P
Northern flicker	<i>Colaptes auratus</i>	O	P	P
Northern goshawk	<i>Accipiter gentilis</i>	P	P	O
Northern harrier	<i>Circus cyaneus</i>	P	P	P
Northern pintail	<i>Anas acuta</i>	O	O	
Northern rough-winged swallow	<i>Stelgidopteryx serripenni</i>	P	P	P
Northern saw-whet owl	<i>Aegolius acadicus</i>	P	P	P
Olive-sided flycatcher	<i>Contopus borealis</i>	P	P	P
Orange-crowned warbler	<i>Vermivora celata</i>	P	P	P
Osprey	<i>Pandion haliaetus</i>	P	P	P
Pacific slope flycatcher (Western)	<i>Empidonax difficilis</i>	P	P	P
Pied-billed grebe	<i>Podilymbus podiceps</i>	P	P	P
Pigeon guillemot	<i>Cephus columba</i>	P	P	P
Pileated woodpecker	<i>Dryocopus pileatus</i>	P	P	P
Pine siskin	<i>Carduelis pinus</i>	P	P	P
Purple finch	<i>Carpodacus purpureus</i>	P	P	P
Red-breasted nuthatch	<i>Sitta canadensis</i>	P	P	P
Red-tailed hawk	<i>Buteo jamaicensis</i>	O	O	P
Red-winged blackbird	<i>Agelaius phoeniceus</i>	O		
Ring-necked pheasant	<i>Phasianus colchicus</i>			P
Rock dove	<i>Columba livia</i>	P	P	P



COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Ruffed grouse	<i>Bonasa umbellus</i>			P
Rufous hummingbird	<i>Selasphorus rufus</i>	P	P	P
Savannah sparrow	<i>Amphispiza belli</i>	P	P	P
Sharp-shinned hawk	<i>Accipiter striatus</i>	P	P	P
Song sparrow	<i>Melospiza melodia</i>	P	P	P
Sora	<i>Porzana carolina</i>	P	P	P
Spotted towhee (Rufous-sided)	<i>Pipilo maculatus</i>	P	P	P
Steller's jay	<i>Cyanocitta stelleri</i>	P	P	P
Swainson's thrush	<i>Catharus ustulatus</i>	P	P	P
Tree swallow	<i>Tachycineta bicolor</i>	P	P	P
Turkey vulture	<i>Cathartes aura</i>	P	P	P
Vaux's swift	<i>Chaetura vauxi</i>	P	P	P
Violet-green swallow	<i>Tachycineta thalassina</i>	P	P	P
Virginia rail	<i>Rallus limicola</i>	P	P	P
Warbling vireo	<i>Vireo gilvus</i>	P	P	P
Western sandpiper	<i>Calidris mauri</i>	O	O	
Western screech-owl	<i>Otus kennicottii</i>	P	P	P
Western tanager	<i>Piranga ludoviciana</i>	P	P	P
Western wood-pewee	<i>Contopus sordidulus</i>	P	P	P
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	P	P	P
Willow flycatcher	<i>Empidonax traillii</i>	P	P	P
Wilson's warbler	<i>Wilsonia pusilla</i>	P	P	P
Winter wren	<i>Troglodytes troglodytes</i>	P	P	P



COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Wood duck	<i>Aix sponsa</i>		P	P
Yellow warbler	<i>Setophaga petechia</i>	P	P	P
Yellow-rumped warbler	<i>Dendroica coronata</i>	P	P	P
Mammals				
Beaver	<i>Taxidea taxus</i>	P	P	P
Big brown bat	<i>Eptesicus fuscus</i>	P	P	P
Black bear	<i>Ursus americanus</i>		P	P
Bobcat	<i>Lynx rufus</i>	P	P	P
California myotis	<i>Myotis californicus</i>	P	P	P
Coast mole	<i>Scapanus orarius</i>	P	P	P
Coyote	<i>Canis latrans</i>	P	P	P
Creeping vole	<i>Microtus oregoni</i>	P	P	P
Deer mouse	<i>Peromyscus maniculatus</i>	P	P	P
Ermine	<i>Mustela erminea</i>	P	P	P
Hoary bat	<i>Lasiurus cinereus</i>	P	P	P
House mouse	<i>Mus musculus</i>	P	P	P
Little brown myotis	<i>Myotis lucifugus</i>	P	P	P
Long-eared myotis	<i>Myotis evotis</i>	P	P	P
Long-legged myotis	<i>Myotis volans</i>	P	P	P
Mink	<i>Mustela vison</i>	P	P	P
Mountain lion	<i>Felis concolor</i>	P	P	P
Mule deer	<i>Odocoileus hemionus</i>	P	P	P
Muskrat	<i>Ondatra zibethicus</i>	P	P	P



COMMON NAME	SCIENTIFIC NAME	Observed or Potential to Occur in Proposed Project Site Study Area	Observed or Potential to Occur in Wetland Mitigation Site Study Area	Observed or Potential to Occur in Anacortes Subdivision Study Area
Northern flying squirrel	<i>Glaucomys sabrinus</i>	P	P	P
Norway rat	<i>Rattus norvegicus</i>	P	P	P
Pacific jumping mouse	<i>Zapus trinotatus</i>	P	P	P
Raccoon	<i>Procyon lotor</i>	P	P	P
Red fox	<i>Vulpes vulpes</i>	P	P	P
River otter	<i>Lutra canadensis</i>		O	P
Shrew-mole	<i>Neurotrichus gibbsii</i>	P	P	P
Silver-haired bat	<i>Lasiorycteris noctivagans</i>	P	P	P
Townsend's big-eared bat	<i>Plecotus townsendii</i>	P	P	P
Townsend's chipmunk	<i>Tamias townsendii</i>	P	P	P
Townsend's vole	<i>Microtus townsendii</i>	P	P	P
Trowbridge's shrew	<i>Sorex trowbridgii</i>	P	P	P
Vagrant shrew	<i>Sorex vagrans</i>	P	P	P
Virginia opossum	<i>Didelphis virginiana</i>	P	P	P
Western Gray Squirrel	<i>Sciurus griseus</i>	P	P	P
Yuma myotis	<i>Myotis yumanensis</i>	P	P	P
Reptiles				
Common garter snake	<i>Thamnophis sirtalis</i>	P	P	P
Northern alligator lizard	<i>Elgaria coerulea</i>	P	P	P

a. Direct observation of species or sign of species as detected during December 2015 reconnaissance and based on information provided by the Applicant (URS 2013, 2015, and AECOM 2015) and observations in other sources of literature (WDFW 2016, Bulthuis 2013, Skagit Audubon Society 2014).

b. Species potentially occurring were not directly observed. Potential occurrence based on data from Johnson and O'Neil (2001), Washington NatureMapping Program (2016) AND WDFW (2016).



This page intentionally left blank

