

APPENDIX C
SPECIAL-STATUS SPECIES LIST

Appendix C
Federal and State Special-Status Species Potentially Occurring
Within the Downtown San Francisco Ferry Terminal Expansion Study Area

Common Name	Scientific Name	Status			Supporting Habitat/Flowering Period	Likelihood of Occurrence in the Study Area
		Federal	State	CNPS		
Mammals						
Pallid bat	<i>Antrozous pallidus</i>		SC	NA	Rocky outcrop regions with scattered desert scrub, ranges up into the forested oak and pine regions. Roosts in rock crevices and buildings, less frequently in mines, caves, and hollow trees.	None: No suitable habitat present.
Guadalupe fur seal	<i>Arctocephalus townsendi</i>	T/MMPA	T	NA	Rocky coasts and associated caves. Ranges from Point Reyes National Seashore, CA to Puerto Guerrero, near the Mexico/Guatemala border. Commonly found from the Channel Islands, CA to Cedros Island, Baja California, Mexico.	None: No suitable habitat present.
Sei whale	<i>Balaenoptera borealis</i>	E/MMPA	None	NA	Pacific Ocean marine waters; historically in San Francisco Bay.	None: No suitable habitat present.
Blue whale	<i>Balaenoptera musculus</i>	E/MMPA	None	NA	Pacific Ocean marine waters; historically in San Francisco Bay.	None: No suitable habitat present.
Finback (=fin) whale	<i>Balaenoptera physalus</i>	E/MMPA	None	NA	Pacific Ocean marine waters; historically in San Francisco Bay.	None: No suitable habitat present.
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>		SC	NA	Roosts in open hangings from walls and ceilings.	Low to Moderate: May roost in adjacent buildings.
Southern sea otter	<i>Enhydra lutris nereis</i>	T/MMPA	None	NA	Pacific Ocean nearshore marine waters; historically in San Francisco Bay.	Low: May occur as incidental and transitory; supporting marine and kelp forest habitat absent.

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Gray whale	<i>Eschrichtius robustus</i>	MMPA	None	NA	Pacific Ocean marine waters; occasionally in San Francisco Bay.	Low: May occur as incidental and transitory in central San Francisco Bay. Unlikely to enter the ferry terminal basins.
Right whale	<i>Eubalaena (=Balaena) glacialis</i>	E/MMPA	FP	NA	Near shore in shallow waters, large bays.	None: No suitable habitat present.
Steller (=northern) sea- lion	<i>Eumetopias jubatus</i>	T/MMPA	None	NA	Isolated shoreline and rocky islands from San Mateo County north.	None: No suitable habitat present.
Critical habitat, Steller (=northern) sea-lion (X)		CH		NA	Includes Southeast Farallon Island and Año Nuevo Island, and oceanic waters within 3,000 feet.	None: Project area is outside of this designated critical habitat.
Silver-haired bat	<i>Lasiorycteris noctivagans</i>	None	SC	NA	Coniferous or mixed coniferous and deciduous forest, especially in areas of Old Growth.	None: No suitable habitat present.
Big free-tailed bat	<i>Nyctinomops macrotis</i>	None	SC	NA	Rocky areas of desert scrub or coniferous forests. Roosts by day in crevices on cliff faces.	None: No suitable habitat present.
Harbor seal	<i>Phoca vitulina</i>	MMPA	None	NA	Shallow water; in and near mouths of rivers; sand bars.	Low: May occur as incidental and transitory.
Sperm whale	<i>Physeter catodon (=macrocephalus)</i>	E/MMPA	None	NA	Pacific Ocean nearshore marine waters; historically in San Francisco Bay.	None: No suitable habitat present.
Salt Marsh Harvest Mouse	<i>Reithrodontomys raviventris</i>	E/MMPA	E/FP	NA	Coastal salt marsh, dense stands of pickleweed.	None: No suitable habitat present.
California Sea Lion	<i>Zalophus californicus californianus</i>	MMPA	None	NA	Shallow water; on offshore rocks, sand bars, bays.	Low: May occur as incidental and transitory.

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Birds						
Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	T	None	NA	Sandy coastal beaches, salt pans, coastal dredges spoils sites, dry salt ponds, salt pond levees.	None: No suitable habitat present.
Short-tailed albatross	<i>Diomedea albatrus</i>	T	None	NA	Breeds on remote island with little to no low vegetation. Forages within the nutrient-rich upwelling areas.	None: No suitable habitat present.
American peregrine falcon	<i>Falco peregrinus anatum</i>	D	FP	NA	Cliff ledges, particularly near shores and marshes.	None: No suitable habitat present.
Osprey	<i>Pandion haliaetus</i>	None	SC	NA	Along rivers, lakes, and coasts, nests in trees near or over water.	None: No suitable habitat present.
Brown pelican	<i>Pelecanus occidentalis</i>	D	D	NA	Nests on coastal islands, lacking ground predators; roosts on piers, buoys, and other structures.	Low to Moderate: Foraging habitat present, but no nesting habitat.
Double-crested cormorant (rookery)	<i>Phalacrocorax auritus</i>	None	SC	NA	Coastal cliffs, offshore islands, and inland along lake margins; nests on ground or in tall trees.	Low to Moderate: Foraging habitat present, but no nesting habitat.
California clapper rail	<i>Rallus longirostris obsoletus</i>	E	E, FP	NA	Salt marshes dominated by pickleweed and cord grass.	None: No suitable habitat present.
California least tern	<i>Sterna antillarum</i> (= <i>sterna</i> , = <i>albifrons</i>) <i>browni</i>	E	E, FP	NA	Flat, open areas along the coast near inshore estuaries, river mouths, or shallows, sandy ground with little or no vegetation, bays, freshwater ponds, channels, lakes.	None: No suitable habitat present.

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Fish						
North American Green sturgeon, Southern DPS	<i>Acipenser medirostris</i>	T	SC	NA	Rivers and estuaries.	Low to Moderate: May migrate and/or forage in study area.
Green sturgeon, Southern DPS designated critical habitat		CH			Entire San Francisco Bay below MHHW.	High: Present within the project area.
Tidewater goby	<i>Eucyclogobius newberryi</i>	E	SC	NA	Upper end of lagoons in salinities less than 10 parts per thousand.	None: No suitable habitat present.
Delta smelt	<i>Hypomesus transpacificus</i>	T	T	NA	Sacramento-San Joaquin Delta, Suisun Bay, San Pablo Bay, river channels and sloughs.	None: No suitable habitat present.
Coho salmon, Central California Coast ESU	<i>Oncorhynchus kisutch</i>	E	E	NA	Between Punta Gordo and San Lorenzo River.	Low: May migrate and/or forage in study area.
Coho salmon, Central California Coast ESU designated critical habitat		CH		NA	Designated coastal drainages between Punta Gordo and San Lorenzo River.	None: Project area is outside of this designated critical habitat.
Steelhead, Central California Coast DPS	<i>Oncorhynchus mykiss</i>	T	None	NA	Delta, Suisun Bay and associated marshes, San Francisco Bay west to the Golden Gate bridge is designated as suitable habitat.	Low to Moderate: May migrate and/or forage in study area.
Steelhead, Central California Coast DPS designated critical habitat		CH		NA	South San Francisco Bay and associated marshes, slow moving sections of rivers, dead end sloughs; San Francisco Bay west to the Golden Gate Bridge designated as critical habitat.	High: Present within the project area.
Steelhead, Central Valley DPS	<i>Oncorhynchus mykiss</i>	T		NA		Low to Moderate: May migrate and/or forage in study area.

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Steelhead, Central Valley DPS designated critical habitat		CH		NA	Central Valley rivers and their tributaries, west to the Pacific ocean, inclusive.	None: Project area is outside of this designated critical habitat.
Chinook salmon, Central Valley spring-run ESU	<i>Oncorhynchus tshawytscha</i>	T (PE)	T	NA	Central Valley rivers and their tributaries, west to the Pacific Ocean.	Low to Moderate: May migrate and/or forage in study area.
Chinook salmon, Sacramento River winter-run ESU	<i>Oncorhynchus tshawytscha</i>	E	E	NA	Sacramento River from Keswick Dam (near Redding) south to Chipps Island, then west through Carquinez Strait, San Pablo Bay, and San Francisco Bay.	Low to Moderate: May migrate and/or forage in study area.
Chinook salmon, Sacramento River winter-run ESU designated critical habitat		CH		NA	Sacramento River from Keswick Dam (near Redding) south to Chipps Island, then west through Carquinez Strait, San Pablo Bay and San Francisco Bay; Pacific Ocean.	High: Present within the project area.
Central Valley fall/late-fall Chinook salmon	<i>Oncorhynchus tshawytscha</i>	SC	SC	NA	Central Valley rivers and their tributaries, west to the Pacific Ocean.	Low to Moderate: May migrate and/or forage in study area.
Sacramento splittail	<i>Pogonichthys macrolepidotus</i>	D	SC	NA	Fresh water from lower Sacramento and San Joaquin rivers down to Montezuma Slough (may extend to the mouth of Napa River at San Pablo Bay).	None: No suitable habitat present.
Longfin smelt		C	T	NA	San Francisco Estuary, including the Delta, Suisan Marsh, and San Francisco Bay to the Golden Gate.	Low to Moderate: May migrate and/or forage in study area.

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Invertebrates						
Black abalone	<i>Haliotis cracherodii</i>	E	None	NA	Rocky, low intertidal zone up to 6 meters deep.	None: No suitable habitat present.
White abalone	<i>Haliotis sorenseni</i>	E	None	NA	Open low- or high-relief rock or bolder areas interspersed with sand channels. Most abundant 80 to 100 feet deep.	None: No suitable habitat present.
Mission blue butterfly	<i>Icaricia icarioides missionensis</i>	E	None	NA	Coastal grasslands and shrub areas where their host plant <i>Lupinus sp.</i> occurs.	None: No suitable habitat present.
Callippe silverspot butterfly	<i>Speyeria callippe callippe</i>	E	None	NA	Grassy hillsides, chaparral, and oak woodland with native forbs; host plant a native violet (<i>Viola pedunculata</i>).	None: No suitable habitat present.
Reptiles and Amphibians						
California red-legged frog	<i>Rana aurora draytonii</i>	E	SC	NA	Lowlands and foothills with deep water remaining for at least 11 weeks; water source is usually associated with abundant emergent and/or shoreline vegetation.	None: No suitable habitat present.
Plants						
Presidio (=Raven's) Manzanita	<i>Arctostaphylos hookeri</i> ssp. <i>ravenii</i>	E	None	1B.1	Open scrub and serpentine areas.	None: No suitable habitat present.
Tiburon paintbrush	<i>Castilleja affinis</i> ssp. <i>neglecta</i>	E	T	1B.2	Serpentine soils; April through June.	None: No suitable habitat present.
Presidio clarkia	<i>Clarkia franciscana</i>	E	E	1B.1	Coastal shrub, valley, and foothill grasslands.	None: No suitable habitat present.

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Marin dwarf flax	<i>Hesperolinon congestum</i>	T	T	1B.1	Chaparral, grassland; serpentine; April through July.	None: No suitable habitat present.
San Francisco lessingia	<i>Lessingia germanorum</i>	E	E	1B.1	Coastal sand dunes and sandy soils with moderately open scrub or herbaceous vegetation.	None: No suitable habitat present.
Showy Indian clover	<i>Trifolium amoenum</i>	E	None	1B.1	Wet swales, grasslands, and grassy hillsides; occasionally found on serpentine soils; April through June.	None: No suitable habitat present.

Notes:

Federal Status Codes:

E= Endangered. Species in danger of extinction throughout all or a significant portion of its range.
T = Threatened. Species likely to become endangered within the foreseeable future.

D= Delisted

SC = Species of Concern

MMPA= Marine Mammal Protection Act

California Status Codes:

E= Endangered. Species whose continued existence in California is in jeopardy

T = Threatened. Species likely to become endangered within the foreseeable future.

SC = Species of Special Concern

R = Rare. Plant species, although not presently threatened with extinction, that may become endangered in the foreseeable future.

California Native Plant Society Status Codes:

1A = Plants presumed extinct in California

1B = Plants that are rare, threatened or endangered in California and elsewhere.

2 = Plants that are rare, threatened or endangered in California, but more common elsewhere.

3 = Plants about which more information is needed.

4 = Plants of limited distribution.

CNPS = California Native Plant Society

DPS = distinct population segment

ESU = evolutionarily significant unit

MHHW = mean higher high water

NA = not applicable