

APPENDIX O

*Wildlife Species Potentially Occurring
within San Vicente Reservoir*

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Wildlife Species Potentially Occurring within San Vicente Reservoir

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
<i>Amphibians</i>																	
California red-legged frog	<i>Rana draytonii</i>	FT/SSC/None/Covered	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	X	L	X	X	X	X	X	X	X	X	X	X	X	Low potential to occur within the 500-foot buffer of the Morena Pipelines. There is limited suitable habitat. Not expected to occur in areas that lack suitable habitat.
western spadefoot	<i>Spea hammondi</i>	None/SSC/None/None	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley-foothill woodlands, pastures, and other agriculture	X	M	L	X	M	M	L	X	L	L	X	L	H	High potential to occur within 500-foot buffer of the LFG Pipeline. Moderate potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, and North City Pump Station. Low potential to occur within 500-foot buffer of the NCWRP, San Vicente Pipeline, San Vicente Pipeline – IRAT and – MAT, and MBC. There is limited suitable habitat. Not expected to occur in areas that lack suitable habitat.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
arroyo toad	<i>Anaxyrus californicus</i>	FE/SSC/None/Covered	Semi-arid areas near washes, sandy riverbanks, riparian areas, palm oasis, Joshua tree, mixed chaparral and sagebrush; stream channels for breeding (typically third order); adjacent stream terraces and uplands for foraging and wintering	X	X	X	X	X	X	X	X	X	X	X	X	X	Low potential to occur within the 500-foot buffer of the Morena Pipelines. There is limited suitable habitat. Not expected to occur outside of its geographic range and in areas that lack suitable habitat.
<i>Reptiles</i>																	
western pond turtle	<i>Actinemys marmorata</i>	None/SSC/None/Covered	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	X	MD	X	X	X	X	L	L	M	L	X	X	X	Observed within 500-foot buffer of Morena Pipelines in southern riparian forest South of State Route-52 (SR-52) and east of Genesee Ave. Moderate potential to occur within the 500-foot buffer of the San Vicente Pipeline – IRAT in open water habitat. Lot potential to occur within 500-foot buffer of the San Vicente Pipeline, and San Vicente Pipeline – TAT and – MAT. Not expected to occur in areas that lack suitable habitat.

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coast patch-nosed snake	<i>Salvadora hexalepis virgulata</i>	None/SSC/None/None	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	X	L	X	X	X	X	L	L	L	L	X	X	L	Low potential to occur in areas of coastal sage scrub and southern mixed chaparral within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. However, the suitable dense vegetation is limited and unlikely to inhabit species. Not expected to occur in areas that lack suitable habitat.
orangethroat whiptail	<i>Aspidoscelis hyperythra</i>	None/WL/None/Covered	Low-elevation coastal scrub, chaparral, and valley-foothill hardwood	L	M	L	X	M	M	H _D	H _D	H _D	H	L	M	H	Observed within 500-foot buffer of San Vicente Pipeline in coastal sage scrub north of Mission Gorge Road within Mission Trails Regional Park. Observed within 500-foot buffer of San Vicente Pipeline – TAT and – IRAT, within coastal sage scrub southeast of San Vicente Reservoir. High potential to occur within 500-foot buffer of the LFG Pipeline and San Vicente Pipeline – MAT. Moderate potential to occur within the 500-

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																	foot buffer of the Morena Pipelines, NCPWF, North City Pump Station, and MBC. Low potential to occur within the 500-foot buffer of the Morena Pump Station, NCWRP, and MTBS. Not expected to occur in areas that lack suitable habitat.
Coronado Island skink	<i>Plestiodon skiltonianus interparietalis</i>	None/WL/None/None	Woodlands, grasslands, pine forests, and chaparral; rocky areas near water	X	L	X	X	X	X	L	X	L	X	X	L	L	Low potential to occur in non-native grassland, coastal sage scrub, and woodlands within the 500-foot buffer of the within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, San Vicente Pipeline – IRAT, MBC, and LFG Pipeline. However, there is lack of suitable rocky areas near water.
rosy boa	<i>Lichanura trivirgata</i>	None/None/None/None	Desert and chaparral habitats with rocky soils in coastal canyons and hillsides, desert canyons, washes, and mountains	X	L	X	X	L	X	HD	M	L	L	X	X	M	Observed within 500-foot buffer of San Vicente Pipeline east of Golfcrest Drive along Mission Gorge Road in coastal sage scrub. Moderate potential to occur within 500-foot buffer of the San Vicente Pipeline – TAT and LFG Pipeline. Low potential to occur within 500-foot buffer

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																	of the Morena Pipelines, NCPWF, San Vicente Pipeline – IRAT and – MAT. Not expected to occur within the remaining components, which are outside the site. The site is outside of the species' known geographic range.
green turtle	<i>Chelonia mydas</i>	FT/None/None/None	Shallow waters of lagoons, bays, estuaries, mangroves, eelgrass, and seaweed beds	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur in areas that lack suitable habitat.
San Diego ringneck snake	<i>Diadophis punctatus similis</i>	None/None/None/None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland habitats	X	M	X	X	L	X	X	M	L	L	X	L	L	Moderate potential to occur within 500-foot buffer of the Morena Pipelines, San Vicente Pipeline – TAT. Low potential to occur in the 500-foot buffer of the NCPWF, San Vicente Pipeline – IRAT and – MAT, MBC, and LFG Pipeline. Not expected to occur. No suitable vegetation present.
silvery legless lizard	<i>Anniella pulchra pulchra</i>	None/SSC/None/None	Stabilized dunes, beaches, dry washes, chaparral, scrubs, and pine, oak, and riparian woodlands; associated with sparse vegetation and sandy or loose, loamy soils	L	M	L	X	L	L	L	L	L	L	X	L	L	Moderate potential to occur within 500-foot buffer of the Morena Pipelines. Low potential to occur in coastal sage scrub, coast live oak woodland, and southern mixed chaparral within the 500-foot buffer of the

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																	Morena Pump Station, NCWRP, NCPWF, North City Pump Station, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, MBC, and LFG Pipeline. However, there is a lack of suitable habitat available.
Blainville's horned lizard	<i>Phrynosoma blainvillii</i>	None/SSC/None/Covered	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley-foothill hardwood, conifer, riparian, pine-cypress, juniper, and annual grassland habitats	X	M	X	X	L	L	H	H	H	M	X	L	M	Observed outside 500-foot buffer of San Vicente Pipeline in southern mixed chaparral south of San Vicente Reservoir. Moderate potential to occur within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline – MAT, and LFG Pipeline. Low potential to occur in open areas of coastal sage scrub within the 500-foot buffer of the NCPWF, North City Pump Station, and MBC. However, there is a lack of suitable habitat available.

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red diamondback rattlesnake	<i>Crotalus ruber</i>	None/SSC/None/None	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	X	M	X	X	L	L	M	M	M	M	X	L	M	Moderate potential to occur within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. Low potential to occur in coastal sage scrub and coast live oak woodland within the 500-foot buffer of the NCPWF, North City Pump Station, and MBC. However, there is a lack of suitable habitat available.
San Diegan tiger whiptail	<i>Aspidoscelis tigris stejnegeri</i>	None/SSC/None/None	Open areas in semiarid grasslands, scrublands, and woodlands	L	H	M	X	H	M	H	H	H	H	L	M	H	Observed within 500-foot buffer of San Vicente Pipeline – TAT and – IRAT in coastal sage scrub southeast of San Vicente Reservoir. High potential to occur within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline and San Vicente Pipeline – MAT, and LFG Pipeline. Moderate potential to occur in coastal sage scrub within the 500-foot buffer of the NCWRP, North City Pump Station, and MBC. Low potential to occur within the 500-

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																	foot buffer of the Morena Pump Station, NCPWF, North City Pump Station, and MTBS. However, suitable habitat is limited. Low potential to occur in disturbed coastal sage scrub and non-native grassland. Not expected to occur in areas that lack suitable habitat.
two-striped gartersnake	<i>Thamnophis hammondi</i>	None/SSC/None/None	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	X	M	X	X	X	X	HD	M	L	L	X	X	X	Observed within 500-foot buffer of San Vicente Pipeline in coastal sage scrub north of the intersection of Mission Gorge Road and Golfcrest Drive. Moderate potential to occur within 500-foot buffer of the Morena Pipelines, and San Vicente Pipeline – TAT. Low potential to occur within 500-foot buffer of the San Vicente Pipeline – IRAT. However, there is no suitable streams with rocky beds. Not expected to occur in areas that lack suitable habitat.

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<i>Birds</i>																	
burrowing owl	<i>Athene cunicularia</i> (burrow sites & some wintering sites)	BCC/SSC/None/Covered	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	X	L	L	X	L	X	L	X	L	X	X	L	L	Low potential to occur in open areas of coastal sage scrub and non-native grassland within the 500-foot buffer of the Morena Pipelines, NCWRP, NCPWF, San Vicente Pipeline, San Vicente Pipeline – IRAT, MBC, and LFG Pipeline. This species' burrows would have been observed during surveys.
California black rail	<i>Laterallus jamaicensis coturniculus</i>	BCC/ST, FP/None/None	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	X	X	X	X	X	X	L	X	X	X	X	X	X	Low potential to occur near freshwater within the 500-foot buffer of the San Vicente Pipeline. However, there is limited suitable habitat and is unlikely to occur.
ferruginous hawk	<i>Buteo regalis</i> (wintering)	BCC/WL/None/Covered	Winters and forages in open, dry country, grasslands, open fields, agriculture	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to winter in the 500-foot buffer or component impact footprints due to poor habitat quality.

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grasshopper sparrow	<i>Ammodramus savannarum</i> (nesting)	None/SSC/None/None	Nests and forages in moderately open grassland with tall forbs or scattered shrubs used for perches	X	X	X	X	L	X	L	X	X	X	X	L	M	Moderate potential to occur within the 500-foot buffer of the LFG Pipeline. Low potential to occur within the 500-foot buffer of the NCPWF, San Vicente Pipeline, and MBC. There are limited open grasslands and fields, and therefore this species is unlikely to occur.
northern harrier	<i>Circus cyaneus</i> (nesting)	None/SSC/None/Covered	Nests in open wetlands including marshy meadows, wet lightly-grazed pastures, old fields, freshwater and brackish marshes, but also in drier habitats such as grassland and grain fields; forages in variety of habitats, including grassland, scrubs, rangelands, emergent wetlands, and other open habitats	L	L	X	X	L	X	L	X	L	X	X	L	L	Low potential to occur within the 500-foot buffer of the Morena Pump Station, Morena Pipelines, NCPWF, San Vicente Pipeline, San Vicente Pipeline – IRAT and – MAT, MBC, and LFG Pipeline. Suitable wetland habitat for nesting is limited and therefore this species is unlikely to occur.
Swainson's hawk	<i>Buteo swainsoni</i> (nesting)	BCC/ST/None/Covered	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to nest due to lack of suitable habitat.

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tricolored blackbird	<i>Agelaius tricolor</i> (nesting colony)	BCC/SSC/None/Covered	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	X	X	X	X	X	X	L	L	L	L	X	X	X	Low potential to nest within the 500-foot buffer of the San Vicente Pipeline, and San Vicente Pipeline – TAT, – IRAT, and – MAT. There are limited areas of freshwater and disturbed wetland for nesting.
yellow warbler	<i>Setophaga petechia</i> (nesting)	BCC/SSC/None/None	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	M	HD	X	X	X	X	HD	M	L	L	X	X	H	Observed in several locations within 500-ft buffer of San Vicente Pipeline in southern cottonwood-willow riparian forest and SWS east and west of State Route-67 (SR-67) north of Mapleview St. Observed within 500-foot buffer of Morena Pipelines in southern arroyo willow riparian forest east of Genesee Ave and south of Noble Drive. High potential to occur within the 500-foot buffer of the LFG Pipeline. Moderate potential to occur within 500-foot buffer of the San Vicente Pipeline – TAT and Morena Pump Station adjacent to the San Diego River. Low potential to occur in southern mixed chaparral within 500-

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																	foot buffer of San Vicente Pipeline – IRAT and – MAT. However, there is limited suitable habitat. Not expected to occur in areas that lack suitable habitat.
American peregrine falcon	<i>Falco peregrinus anatum</i> (nesting)	FDL, BCC/SDL, FP/None/Covered	Nests on cliffs, buildings, and bridges; forages in wetlands, riparian, meadows, croplands, especially where waterfowl are present	X	L	X	X	X	X	L	X	X	X	X	X	X	Low potential to nest within the 500-foot buffer of the Morena Pipelines and San Vicente Pipeline. Possibly nesting locations on buildings, however it is unlikely to nest in urban area.
bald eagle	<i>Haliaeetus leucocephalus</i> (nesting & wintering)	FDL, BCC/SE, FP/None/Covered	Nests in forested areas adjacent to large bodies of water, including seacoasts, rivers, swamps, large lakes; winters near large bodies of water in lowlands and mountains	X	X	X	X	X	X	X	L	L	L	X	X	X	Low potential to occur within 500-foot buffer of the San Vicente Pipeline – TAT, – IRAT, and – MAT. Not expected to occur. No suitable vegetation present.
Cooper's hawk	<i>Accipiter cooperii</i> (nesting)	None/WL/None/Covered	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	L	HD	X	X	X	X	HD	HD	MD	MD	X	X	M	Observed in several locations. Observed within 500-foot buffer of Morena Pipelines at the corner of Towne Centre Drive and Renaissance Ave within southern coast live oak riparian forest. Observed within 500-foot buffer of San Vicente Pipeline, primarily in southern cottonwood-willow riparian forest

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																	east of Channel Road and west of SR-67. Observed within the vicinity of San Vicente Pipeline – IRAT and – MAT, near San Vicente Pipeline – TAT, within southern mixed chaparral southeast of the San Vicente Reservoir. Moderate potential to occur within the 500-foot buffer of the LFG Pipeline. Low potential to occur within 500-foot buffer of the Morena Pump Station. Not expected to occur in areas that lack suitable habitat.
coastal cactus wren	<i>Campylorhynchus brunneicapillus sandiegensis</i> (San Diego & Orange Counties only)	BCC/SSC/None/Covered	Southern cactus scrub patches	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
coastal California gnatcatcher	<i>Poliophtila californica californica</i>	FT/SSC/None/Covered	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	X	HM	HD	L	M	M	HD	MD	HD	H	L	HD	HD	Observed in several locations. Observed within 500-foot buffer of Morena Pipelines south of SR-52 and west of Genesee Ave within disturbed coastal sage scrub. Observed within the vicinity of the NCWRP, however there is unsuitable habitat for coastal California gnatcatcher

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	<p>within the developed land. Observed within the vicinity of NCPWF Influent Pump Station, and North City Pump Station, however there is unsuitable habitat within the proposed development, including disturbed coastal sage scrub, non-native grassland, urban/developed, and disturbed habitat. Observed within the 500-foot buffer of San Vicente Pipeline, primarily in the coastal sage scrub along Mission Gorge Road east of Golfcrest Drive. Observed within the vicinity of San Vicente Pipeline – TAT and – IRAT, within coastal sage scrub southwest of San Vicente Reservoir. Observed within the vicinity of the Mission Trails Booster Station MTBS, however there is unsuitable habitat for coastal California gnatcatcher including urban/developed and disturbed coastal sage scrub this species is unlikely to use the MTBS site due to</p>

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	proximity of surrounding development and lack of quality habitat. Observed within the 500-foot buffer of the MBC within coastal sage scrub. Observed within the 500-foot buffer of the LFG Pipeline south of Miramar Road and east of Interstate-805 (I-805) within coastal sage scrub. High potential to occur within the 500-foot buffer of the San Vicente Pipeline – MAT. Not expected to occur within the vicinity of the Morena Pump Station due to lack of suitable habitat.
Least Bell's vireo	<i>Vireo bellii pusillus</i> (nesting)	FE/SE/None/Covered	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	M	M	X	X	X	X	HD	L	L	L	X	M	M	Observed in several locations along San Vicente Pipeline, including southern arroyo willow riparian forest north of Mission Gorge Road west of SR-52 and southern willow scrub north and south of Carlton Oaks Drive east of SR-52. Moderate potential to occur within 500-foot buffer of the Morena Pipelines and Morena Pump Station adjacent to the San Diego River

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	and within the 500-foot buffer of the MBC in San Clemente Canyon and LFG Pipeline within Rose Creek. Low potential to occur within the 500-foot buffer of the San Vicente Pipeline – TAT, – IRAT, and – MAT within proximity to San Vicente Reservoir, however due to limited suitable riparian habitat. Not expected to occur within or nearby other components due to lack of suitable habitat.
southwestern willow flycatcher	<i>Empidonax traillii extimus</i> (nesting)	FE/SE/None/Covered	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	M	L M	X	X	X	X	L	L	L	X	X	M	M	Observed within 500-foot buffer of San Vicente Pipeline in southern riparian forest south of SR-52 and east of I-805. Moderate potential to nest within the 500-foot buffer of the Morena Pump Station and Morena Pipelines adjacent to the San Diego River and within the 500-foot buffer of the MBC in San Clemente Canyon and LFG Pipeline within Rose Creek. Low potential to occur in coast live oak woodland near the San Vicente Reservoir within the

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	500-foot buffer of the San Vicente Pipeline – TAT and – IRAT. Not expected to occur in areas that lack suitable habitat.
white-tailed kite	<i>Elanus leucurus</i> (nesting)	None/FP/None/None	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands	L	M	L	X	HD	X	M	M	L	X	X	M	M	Observed within the 500-foot buffer of the NCPWF. Moderate potential to nest within 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, San Vicente Pipeline – TAT, MBC, and LFG Pipeline. Low potential to nest in woodland or riparian trees within the 500-foot buffer of the Morena Pump Station, NCWRP, San Vicente Pipeline – IRAT, MBC, and LFG Pipeline. There is limited suitable habitat, and therefore this species is unlikely to nest.
yellow-breasted chat	<i>Icteria virens</i> (nesting)	None/SSC/None/None	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	M	M	X	X	X	X	HD	L	L	X	X	M	H	Observed in several locations along San Vicente Pipeline, including in SWS north and south of Calton Oaks Drive east of SR-67. High potential to occur within the 500-foot buffer of the LFG Pipeline. Moderate potential to occur

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	within the 500-foot buffer of the Morena Pipelines, MBC, and Morena Pump Station adjacent to the San Diego River. Low potential to occur within 500-foot buffer of the San Vicente Pipeline – TAT and – IRAT. However, suitable riparian habitat is limited. Not expected to occur in areas that lack suitable habitat.
golden eagle	<i>Aquila chrysaetos</i> (nesting & wintering)	BCC/FP, WL/None/Covered	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats	X	X	X	X	X	X	L	L	L	L	X	X	L	Low potential to nest and winter within the 500-foot buffer of the San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There are limited open shrublands and grasslands, and therefore this species is unlikely to nest and winter.
prairie falcon	<i>Falco mexicanus</i> (nesting)	BCC/WL/None/None	Forages in grassland, savanna, rangeland, agriculture, desert scrub, alpine meadows; nest on cliffs or bluffs	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to nest. There is no suitable vegetation for nesting.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
southern California rufous-crowned sparrow	<i>Aimophila ruficeps canescens</i>	None/WL/None/Covered	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	X	M	L	X	M	L	H _D	H	H _D	H	L	M	M	Observed in several locations within 500-foot buffer of San Vicente Pipeline in coastal sage scrub along Mission Gorge Road in Mission Trails Regional Park. Observed within 500-foot buffer of San Vicente Pipeline – IRAT within coastal sage scrub southeast of San Vicente Reservoir. Moderate potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, MBC, and LFG Pipeline in open coastal sage scrub. Low potential to occur within the 500-foot buffer of the NCWRP, North City Pump Station, and MTBS due to limited suitable habitat. However, suitable habitat is limited. Low potential to occur in areas of disturbed coastal sage scrub. Not expected to occur in areas that lack suitable habitat.
Belding's savannah sparrow	<i>Passerculus sandwichensis beldingi</i>	None/SE/None/Covered	Nests and forages in coastal saltmarsh dominated by pickleweed (<i>Salicornia</i> spp.)	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
Bell's sage sparrow	<i>Artemisospiza belli belli</i>	BCC/WL/None/None	Nests and forages in coastal scrub and dry chaparral; typically in large, unfragmented patches dominated by chamise; nests in more dense patches but uses more open habitat in winter	X	L	X	X	L	X	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There is limited coastal sage scrub and chamise chaparral, and therefore this species is unlikely to occur.
California brown pelican	<i>Pelecanus occidentalis californicus</i> (nesting colonies & communal roosts)	FDL/SDL, FP/None/Covered	Forages in warm coastal marine and estuarine environments; in California, nests on dry, rocky offshore islands	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
California horned lark	<i>Eremophila alpestris actia</i>	None/WL/None/None	Nests and forages in grasslands, disturbed lands, agriculture, and beaches; nests in alpine fell fields of the Sierra Nevada	X	X	L	X	L	X	M	L	L	L	X	L	M	Moderate potential to occur within 500-foot buffer of the San Vicente Pipeline and LFG Pipeline. Low potential to occur within the 500-foot buffer of the NCWRP, NCPWF, San Vicente Pipeline – TAT, – IRAT, and – MAT, and MBC. There is limited non-native grassland and disturbed habitat, and therefore it is unlikely to occur.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
California least tern	<i>Sterna antillarum browni</i> (nesting colony)	FE/SE, FP/None/Covered	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to nest. No suitable nesting vegetation present.
double-crested cormorant	<i>Phalacrocorax auritus</i> (nesting colony)	None/WL/None/None	Nests in riparian trees near ponds, lakes, artificial impoundments, slow-moving rivers, lagoons, estuaries, and open coastlines; winter habitat includes lakes, rivers, and coastal areas	X	X	X	X	X	X	X	L	L	L	X	X	X	Low potential to nest within the 500-foot buffer of the San Vicente Pipeline – TAT, – IRAT, and – MAT. There is limited nesting vegetation near the San Vicente Reservoir, however it is unlikely to nest.
elegant tern	<i>Thalasseus elegans</i> (nesting colony)	None/WL/None/Covered	Inshore coastal waters, bays, estuaries, and harbors; forages over open water	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
large-billed savannah sparrow	<i>Passerculus sandwichensis rostratus</i> (wintering)	None/SSC/None/Covered	Nests and forages in open, low saltmarsh vegetation, including low halophytic scrub	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
least bittern	<i>Ixobrychus exilis</i> (nesting)	BCC/SSC/None/None	Nests in freshwater and brackish marshes with dense, tall growth of aquatic and semi-aquatic vegetation	X	L	X	X	X	X	X	L	L	L	X	X	X	Low potential to nest within the 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, and San Vicente Pipeline – TAT, – IRAT, and – MAT. There are limited freshwater habitats, however there is no suitable dense aquatic vegetation for nesting.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
long-billed curlew	<i>Numenius americanus</i> (nesting)	BCC/WL/None/Covered	Nests in grazed, mixed grass, and short-grass prairies; localized nesting along the California coast; winters and forages in coastal estuaries, mudflats, open grassland, and cropland	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
mountain plover	<i>Charadrius montanus</i> (wintering)	BCC/SSC/None/Covered	Winters in shortgrass prairies, plowed fields, open sagebrush, and sandy deserts	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to winter in the 500-foot buffer or component impact footprints due to poor habitat quality.
osprey	<i>Pandion haliaetus</i> (nesting)	None/WL/None/None	Large waters (lakes, reservoirs, rivers) supporting fish; usually near forest habitats, but widely observed along the coast	X	X	X	X	X	X	X	L	M	X	X	X	X	Moderate potential to nest within 500-foot buffer of the San Vicente Pipeline – MAT. Low potential to nest within the 500-foot buffer of the San Vicente Pipeline – IRAT. There is limited forested areas near San Vicente Reservoir, and therefore it is unlikely for this species to nest.
western snowy plover	<i>Charadrius alexandrinus nivosus</i> (nesting)	FT, BCC/SSC/None/Covered	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to nest. No suitable nesting vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i> (nesting)	FT, BCC/SE/None/None	Nests in dense, wide riparian woodlands and forest with well-developed understories	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to nest. No suitable nesting vegetation present.
white-faced ibis	<i>Plegadis chihi</i> (nesting colony)	None/WL/None/Covered	Nests in shallow marshes with areas of emergent vegetation; winter foraging in shallow lacustrine waters, flooded agricultural fields, muddy ground of wet meadows, marshes, ponds, lakes, rivers, flooded fields, and estuaries	X	X	X	X	X	X	X	X	L	L	X	X	X	Low potential to nest within the 500-foot buffer of the San Vicente Pipeline – IRAT and – MAT. There is limited suitable habitat, and therefore it is unlikely for this species to nest.
Canada goose	<i>Branta canadensis</i>	None/None/None/Covered	Lakes, rivers, ponds, and other bodies of water; yards, park lawns, and agricultural fields	X	X	X	X	X	X	X	L	L	L	X	X	L	Low potential to occur within the 500-foot buffer of the San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There is limited suitable habitat near the San Vicente Reservoir, however it is unlikely for this species to occur.
reddish egret	<i>Egretta rufescens</i>	None/None/None/Covered	Freshwater marsh with emergent vegetation; in the Central Valley primarily nests and forages in rice fields and other flooded agricultural fields with weeds and other residual aquatic vegetation	X	X	X	X	X	X	L	X	X	X	X	X	X	Low potential to nest in coastal and valley freshwater marsh within the 500-foot buffer of the San Vicente Pipeline. There is limited suitable habitat, and therefore it is unlikely for this species to nest.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
western bluebird	<i>Sialia mexicana</i>	None/None/None/Covered	Nests in old-growth red fir, mixed-conifer, and lodgepole pine habitats near wet meadows used for foraging	L	M	L	X	L	L	HD	L	L	L	X	L	M	Observed within 500-foot buffer of San Vicente Pipeline in SWS near open water in east of SR-67 and south of Willow Road near San Vicente Creek. Moderate potential to occur within 500-foot buffer of the Morena Pipelines and LFG Pipeline. Low potential to occur within 500-foot buffer of the Morena Pump Station, NCWRP, NCPWF, North City Pump Station, San Vicente Pipeline – TAT, – IRAT, and – MAT, and MBC. Not expected to occur in areas that lack suitable habitat.
Ridgway's rail	<i>Rallus obsoletus levipes</i>	FE/SE, FP/None/Covered	Coastal wetlands, brackish areas, coastal saline emergent wetlands	L	X	X	X	X	X	X	X	X	X	X	X	X	Low potential to occur within the 500-foot buffer of the Morena Pump Station. However, there is limited suitable habitat available, and therefore it is unlikely for this species to occur.
<i>Mammals</i>																	
Pacific pocket mouse	<i>Perognathus longimembris pacificus</i>	FE/SSC/None/None	Fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	None/SSC/None/None	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	X	X	X	X	X	X	X	L	X	X	X	X	X	Low potential to occur in coastal sage scrub within the 500-foot buffer of the San Vicente Pipeline – TAT. There is limited suitable vegetation.
big free-tailed bat	<i>Nyctinomops macrotis</i>	None/SSC/WBVG:MH/None	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
long-eared myotis	<i>Myotis evotis</i>	None/None/WBVG:M/None	Nearly all brush, woodland, and forest habitats from sea level to 9,000 feet above mean sea level, but prefers coniferous habitats; forages along habitat edges, in open habitats, and over water; roosts in buildings, crevices, under bark, and snags; uses caves as night roosts	X	L	X	X	X	X	X	X	X	X	X	X	X	Low potential to occur within 500-foot buffer of the Morena Pipelines. Not expected to occur in areas that lack suitable habitat.
pallid bat	<i>Antrozous pallidus</i>	None/SSC/WBVG:H/None	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	X	M	X	X	M	X	M	X	X	X	X	X	M	Moderate potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, San Vicente Pipeline, and LFG Pipeline. There is limited suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
western small-footed myotis	<i>Myotis ciliolabrum</i>	None/None/WBWG:M/None	Arid woodlands and shrublands, but near water; roosts in caves, crevices, mines, abandoned buildings	X	L	X	X	X	X	X	X	X	X	X	X	X	Low potential to occur within 500-foot buffer of the Morena Pipelines. Not expected to occur in areas that lack suitable habitat.
Yuma myotis	<i>Myotis yumanensis</i>	None/None/WBWG:LM/None	Riparian, arid scrublands and deserts, and forests associated with water (streams, rivers, tinajas); roosts in bridges, buildings, cliff crevices, caves, mines, and trees	M	M	X	X	X	X	M	X	X	X	X	X	X	Moderate potential to occur within the 500-foot buffer of the Morena Pump Station, Morena Pipelines, and San Vicente Pipeline. There is limited suitable vegetation present.
American badger	<i>Taxidea taxus</i>	None/SSC/None/Covered	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	X	X	X	X	X	X	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There is limited suitable vegetation present.
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>	None/SSC/None/None	Open habitat, coastal scrub, chaparral, oak woodland, chamise chaparral, mixed-conifer habitats; disturbance specialist; 0 to 3,000 feet above mean sea level	X	L	L	X	L	L	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the Morena Pipelines, NCWRP, NCPWF, North City Pump Station, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There is limited suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
hoary bat	<i>Lasiurus cinereus</i>	None/None/WBWG:M/None	Forest, woodland riparian, and wetland habitats; also juniper scrub, riparian forest, and desert scrub in arid areas; roosts in tree foliage and sometimes cavities, such as woodpecker holes	L	L	X	X	X	X	L	X	X	X	X	X	X	Low potential to occur within the 500-foot buffer of the Morena Pump Station, Morena Pipelines, and San Vicente Pipeline. There is limited suitable vegetation present.
Mexican long-tongued bat	<i>Choeronycteris mexicana</i>	None/SSC/WBWG:H/None	Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon–juniper woodland; roosts in caves, mines, and buildings	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
northwestern San Diego pocket mouse	<i>Chaetodipus fallax fallax</i>	None/SSC/None/None	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland	X	L	X	X	L	L	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, North City Pump Station, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. There is limited suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	None/SSC/WBWG:M/None	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with dropoffs, caverns, and buildings	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
San Diego black-tailed jackrabbit	<i>Lepus californicus bennettii</i>	None/SSC/None/None	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	X	L	L	X	L	L	M	L	L	L	X	L	M	Moderate potential to occur within 500-foot buffer of the San Vicente Pipeline, and LFG Pipeline. Low potential to occur within the 500-foot buffer of the Morena Pipelines, NCWRP, NCPWF, North City Pump Station, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and MBC. There is limited suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Foremain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
silver-haired bat	<i>Lasionycteris noctivagans</i>	None/None/WBVG:M/None	Old-growth forest, maternity roosts in trees (primarily woodpecker hollows), large-diameter snags 50 feet aboveground; hibernates in hollow trees, under sloughing bark, in rock crevices, and occasionally in buildings, mines, and caves; forages in or near coniferous or mixed deciduous forest, often following stream or river drainages	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
spotted bat	<i>Euderma maculatum</i>	None/SSC/WBVG:H/None	Foothills, mountains, desert regions of southern California, including arid deserts, grasslands, and mixed-conifer forests; roosts in rock crevices and cliffs; feeds over water and along washes	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
Stephens' kangaroo rat	<i>Dipodomys stephensi</i>	FE/ST/None/None	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. This study area is outside of this species' geographic range.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	None/SC, SSC/WBWG:H/None	Mesic habitats characterized by coniferous and deciduous forests and riparian habitat, but also xeric areas; roosts in limestone caves and lava tubes, man-made structures, and tunnels	L	L	X	X	X	X	L	X	X	X	X	X	X	Low potential to occur within 500-foot buffer of the Morena Pump Station, Morena Pipelines, and San Vicente Pipeline. There is limited suitable vegetation present.
western mastiff bat	<i>Eumops perotis californicus</i>	None/SSC/WBWG:H/None	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	X	L	X	X	L	X	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the Morena Pipelines, NCPWF, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, MBC, and LFG Pipeline. There is limited suitable vegetation present.
western red bat	<i>Lasiurus blossevillii</i>	None/SSC/WBWG:H/None	Forest, woodland, riparian, mesquite bosque, and orchards, including fig, apricot, peach, pear, almond, walnut, and orange; roosts in tree canopy	L	L	X	X	X	X	L	L	L	L	X	X	X	Low potential to occur within the 500-foot buffer of the Morena Pump Station, Morena Pipelines, San Vicente Pipeline, and San Vicente Pipeline – TAT, – IRAT, and – MAT. There is limited suitable vegetation present.
western yellow bat	<i>Lasiurus xanthinus</i>	None/SSC/WBWG:H/None	Valley-foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
cougar	<i>Puma concolor</i>	None/None/None/Covered	Scrubs, chaparral, riparian, woodland, and forest; rests in rocky areas and on cliffs and ledges that provide cover; most abundant in riparian areas and brushy stages of most habitats throughout California, except deserts	X	X	X	X	X	X	M	M	M	M	X	L	L	Moderate potential to occur within 500-foot buffer of the San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT. Low potential to occur within the 500-foot buffer of the MBC, and LFG Pipeline. There is limited suitable vegetation present.
mule deer	<i>Odocoileus hemionus</i>	None/None/None/Covered	Coastal sage scrub, chaparral, riparian, woodlands, and forest; often browses in open area adjacent to cover throughout California, except deserts and intensely farmed areas	L	L	L	X	L	X	H _D	H	H	H	L	M	M	Observed within 500-foot buffer of San Vicente Pipeline in coastal sage scrub north of Mission Gorge Road within Mission Trails Regional Park. Moderate potential to occur within 500-foot buffer of the MBC, and LFG Pipeline. Low potential to occur within 500-foot buffer of the Morena Pump Station, Morena Pipelines, NCPWF, and NCWRP. Not expected to occur in areas with lack of suitable habitat.
<i>Invertebrates</i>																	
Riverside fairy shrimp	<i>Streptocephalus woottoni</i>	FE/None/None/Covered	Vernal pools, non-vegetated ephemeral pools	X	X	L	X	L	L	L	X	X	X	X	X	X	Low potential in areas with vernal pools within the 500-foot buffer of the NCWRP, NCPWF, North City Pump Station, and San Vicente Pipeline.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
																	Would have been observed during focused survey. Not observed during focused surveys.
San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>	FE/None/None/Covered	Vernal pools, non-vegetated ephemeral pools	X	X	L	X	X	L	D	X	X	X	X	X	D	Observed within the 500-foot buffer of or adjacent to two project component containing vernal pools: the LFG Pipeline, and San Vicente – Repurposed Pipeline. Focused surveys for this species at the NCPWF in 2015/2016 and 2017 were negative. Low potential in areas with vernal pools within the 500-foot buffer of the NCWRP, North City Pump Station, and San Vicente Pipeline. Would have been observed during 2015/16 focused surveys.
obscure bumble bee	<i>Bombus caliginosus</i>	None/None/SS/None	Relatively humid or foggy areas of the Pacific coast south to central California. Food plants include Baccharis, Cirsium, Grindelia, Phacelia, Arctostaphylos, Eriodictyon, Ceanothus, Adenostoma, and Mimulus	X	X	X	X	X	X	L	L	L	L	X	X	X	Low potential to occur within the 500-foot buffer of the San Vicente Pipeline, and San Vicente Pipeline – TAT, – IRAT, and – MAT. There is limited suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
Crotch bumble bee	<i>Bombus crotchii</i>	None/None/SS/None	Open scrub habitats and grassland in coastal California east to the Sierra-Cascade crest and south into Mexico. Food plants include Asclepias, Chaenactis, Lupinus, Medicago, Phacelia, and Salvia	X	X	X	X	X	X	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, MBC, and LFG Pipeline. There is limited suitable vegetation present.
globose dune beetle	<i>Coelus globosus</i>	None/None/SS/None	Inhabitant of coastal sand dune habitat; erratically distributed from Ten Mile Creek in Mendocino County south to Ensenada, Mexico	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
mesa shoulderband	<i>Helminthoglypta coelata</i>	None/None/SS/None	Known only from a few locations in coastal San Diego County	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
mimic tryonia (=California brackishwater snail)	<i>Tryonia imitator</i>	None/None/SS/None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
sandy beach tiger beetle	<i>Cicindela hirticollis gravida</i>	None/None/SS/None	Inhabits areas adjacent to non-brackish water along the coast of California from San Francisco Bay to northern Mexico	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
senile tiger beetle	<i>Cicindela senilis frosti</i>	None/None/SS/None	Inhabits marine shoreline, from Central California coast south to saltmarshes of San Diego; also found at Lake Elsinore	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
Thorne's hairstreak	<i>Callophrys thornei</i>	None/None/SS/Covered	Interior cypress woodland dominated by host plant <i>Hesperocyparis forbesii</i> (Tecate cypress)	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. Tecate cypress was not observed during surveys.
western beach tiger beetle	<i>Cicindela latesignata latesignata</i>	None/None/SS/None	Mudflats and beaches in coastal Southern California	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
western tidal-flat tiger beetle	<i>Cicindela gabbii</i>	None/None/SS/None	Inhabits estuaries and mudflats along the coast of Southern California	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
California mellitid bee	<i>Melitta californica</i>	None/None/SS/None	Desert regions of southwestern Arizona, southeastern California, and Baja California, Mexico; also collected from Torrey Pines, San Diego County	X	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.
Hermes copper	<i>Lycaena hermes</i>	FC/None/None/None	Mixed woodlands, chaparral, and coastal scrub	X	X	X	X	X	X	L	X	X	X	X	X	L	Low potential to occur in suitable habitat with host plants (<i>Rhamnus crocea</i> and <i>Eriogonum fasciculatum</i>) within the 500-foot buffer San Vicente Pipeline, and LFG Pipeline. Would have been observed during focused surveys. Not expected to occur in areas lacking suitable habitat.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF Influent Pump Station)	North City Pure Water Facility (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
monarch	<i>Danaus plexippus</i>	None/None/SS/None	Wind-protected tree groves with nectar sources and nearby water sources	L	M	L	X	L	L	M	M	M	M	X	X	M	Observed during QCB surveys, however low potential to overwinter on site due to limited suitable habitat and outside of known geographic range. Moderate potential to occur within 500-foot buffer of the Morena Pipelines, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, and LFG Pipeline. Low potential to occur within 500-foot buffer of the Morena Pump Station, NCWRP, NCPWF, and North City Pump Station.
quino checkerspot	<i>Euphydryas editha quino</i>	FE/None/None/None	Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include <i>Plantago erecta</i> (dwarf plantain), <i>Antirrhinum coulterianum</i> (white snapdragon), and <i>Plantago patagonica</i> (woolly plantain)	X	X	L	X	X	X	L	L	L	L	X	L	L	Low potential to occur within the 500-foot buffer of the NCWRP, San Vicente Pipeline, San Vicente Pipeline – TAT, – IRAT, and – MAT, MBC, and LFG Pipeline. Although suitable habitat (adult nectar plants and larvae host plants) occurs within the alignment, focused surveys conducted in 2016 were negative.

APPENDIX O (Continued)

Common Names	Scientific Name	Status (Federal/State/Other/MSCP)	Habitat	Morena Pump Station	Morena Wastewater Forcemain and Brine/Centrate Line (Morena Pipelines)	North City Water Reclamation Plant Expansion (NCWRP)	North City Pure Water Facility – Influent Pump Station (NCPWF)	North City Pure Water Pump Station (North City Pump Station)	San Vicente Pure Water Pipeline (San Vicente Pipeline)	San Vicente Pipeline – Tunnel Alternative Terminus (San Vicente Pipeline – TAT)	San Vicente Pipeline – In-Reservoir Alternative Terminus (San Vicente Pipeline – IRAT)	San Vicente Pipeline – Marine Alternative Terminus (San Vicente Pipeline – MAT)	Mission Trails Booster Station (MTBS)	Metro Biosolids Center (MBC)	Landfill Gas Pipeline (LFG Pipeline)	Potential to Occur
wandering skipper	<i>Panoquina errans</i>	None/None/SS/Covered	Saltmarsh	X	X	X	X	X	X	X	X	X	X	X	X	Not expected to occur. No suitable vegetation present.

Notes:

- D = detected within the component or 500-foot buffer
- M = moderate potential (suitable habitat and species observed elsewhere within the project)
- L = low potential (suitable habitat but surveys were negative)
- X = not expected (no suitable habitat and/or outside elevation range)

Status Notes:

- FE: Federally Endangered
- FT: Federally Threatened
- FC: Federal Candidate
- FDL: Federally Delisted
- BCC: U.S. Fish and Wildlife Service Bird of Conservation Concern
- SSC: California Species of Special Concern
- FP: California Fully Protected Species
- WL: California Watch List Species
- SE: State Endangered
- ST: State Threatened
- SDL: State Delisted
- SS: List Special Animals List, but no other status
- WBWG: Western Bat Working Group
- H: High
- HM: High-Medium
- M: Medium
- LM: Low-Medium
- L: Low