



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901

In Reply Refer To:

July 18, 2023

Project Code: 2023-0106199

Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable
Water Improvements Project - Project Area

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A biological assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2))

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a biological assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a biological assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found at the Fish and Wildlife Service's Endangered Species Consultation website at:

<https://www.fws.gov/endangered/what-we-do/faq.html>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office

2177 Salk Avenue - Suite 250

Carlsbad, CA 92008-7385

(760) 431-9440

PROJECT SUMMARY

Project Code: 2023-0106199
Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable Water Improvements Project

Project Type: Distribution Line - New Construction - Below Ground

Project Description: Project Area

The Water Reclamation Plant (WRP) 7 Tertiary Treatment Improvements and Mile Post (MP) 113.2 Pump Station Rehabilitation project includes the following upgrades:

Retrofit the existing dual media filter basins with cloth disk filters to improve tertiary treatment to match the rated capacity of the plant within the same footprint. Substitute the existing use of Coachella Canal irrigation water with recycled water.

Construct a UV system to match the rated capacity of the plant in accordance with Title 22 regulations, in an enclosed building and with an electrical building to substitute use of chlorine gas.

Abandon the existing chlorine gas system, and maintain the chlorine contact basin for potential future use by operations for effluent/backwash holding.

Upgrade of the existing systems associated with the tertiary process includes the following:

- o Secondary effluent flocculation system
- o Tertiary process chemical feed systems, including sodium hypochlorite storage
- o In-plant secondary effluent, and non-potable water (NPW) delivery pumping systems capacity
- o Tertiary Process electrical motor control centers (MCCs)

CVWD is also replacing the aged infrastructure at canal water delivery pump station MP 113.2 as part of this Project. To maintain the current capacity of the pump station, the two existing pumps and MCC's are being replaced with more efficient pumps and drives requiring less horsepower, and a third pump and wetwell is being added to allow operations to perform routine maintenance while maintaining facility capacity in a typical two-duty and one-standby configuration. All improvements to the pump station are within the existing MP 113.2 site located on the southwest corner of the Madison Street and Avenue 40 intersection.

All proposed WRP 7 and MP 113.2 pump station improvements are within existing Coachella Valley Water District (CVWD) facility sites. The Project proposes to retrofit and improve the WRP 7 tertiary treatment system; with overall treated water effluent capacity from the facility remaining the same.

The Proposed Project would also install approximately 2,500 linear feet of NPW pipeline to connect Young's Farmland to the existing NPW pipeline

on Avenue 38. Young's Farmland currently uses groundwater for irrigation. The Project would convert the primary irrigation source from groundwater to recycled water. The Young's Farmland NPW pipeline would be installed within the right-of-way of Jefferson Street and on Young's Farmland property (APN 691-060-010, 691-050-010, and 691-050-012).

It is anticipated that construction would reach substantial completion in 2025 and that the new systems would be online in late 2025.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@33.77125345,-116.25595111276107,14z>



Counties: Riverside County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

REPTILES

NAME	STATUS
Coachella Valley Fringe-toed Lizard <i>Uma inornata</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2069	Threatened
Desert Tortoise <i>Gopherus agassizii</i> Population: Wherever found, except AZ south and east of Colorado R., and Mexico There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4481	Threatened

FISHES

NAME	STATUS
Desert Pupfish <i>Cyprinodon macularius</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7003	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Coachella Valley Milk-vetch <i>Astragalus lentiginosus var. coachellae</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7426	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Chelsie Brown
Address: 215 North Fifth Street
City: Redlands
State: CA
Zip: 92374
Email: cbrown@ecorpconsulting.com
Phone: 9093070046

LEAD AGENCY CONTACT INFORMATION

Lead Agency: California State Water Resources Control Board
Name: Jignesh Ladhawala
Email: JLadhawala@cvwd.org
Phone: 7603982661



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In Reply Refer To:

July 18, 2023

Project Code: 2023-0106200

Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable
Water Improvements Project - Pump Station

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

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A biological assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2))

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PROJECT SUMMARY

Project Code: 2023-0106200
Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable Water Improvements Project

Project Type: Wastewater Pipeline - New Constr - Below Ground

Project Description: Pump Station

The Water Reclamation Plant (WRP) 7 Tertiary Treatment Improvements and Mile Post (MP) 113.2 Pump Station Rehabilitation project includes the following upgrades:

Retrofit the existing dual media filter basins with cloth disk filters to improve tertiary treatment to match the rated capacity of the plant within the same footprint. Substitute the existing use of Coachella Canal irrigation water with recycled water.

Construct a UV system to match the rated capacity of the plant in accordance with Title 22 regulations, in an enclosed building and with an electrical building to substitute use of chlorine gas.

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- o Tertiary Process electrical motor control centers (MCCs)

CVWD is also replacing the aged infrastructure at canal water delivery pump station MP 113.2 as part of this Project. To maintain the current capacity of the pump station, the two existing pumps and MCC's are being replaced with more efficient pumps and drives requiring less horsepower, and a third pump and wetwell is being added to allow operations to perform routine maintenance while maintaining facility capacity in a typical two-duty and one-standby configuration. All improvements to the pump station are within the existing MP 113.2 site located on the southwest corner of the Madison Street and Avenue 40 intersection.

All proposed WRP 7 and MP 113.2 pump station improvements are within existing Coachella Valley Water District (CVWD) facility sites. The Project proposes to retrofit and improve the WRP 7 tertiary treatment system; with overall treated water effluent capacity from the facility remaining the same.

The Proposed Project would also install approximately 2,500 linear feet of NPW pipeline to connect Young's Farmland to the existing NPW pipeline

on Avenue 38. Young's Farmland currently uses groundwater for irrigation. The Project would convert the primary irrigation source from groundwater to recycled water. The Young's Farmland NPW pipeline would be installed within the right-of-way of Jefferson Street and on Young's Farmland property (APN 691-060-010, 691-050-010, and 691-050-012).

It is anticipated that construction would reach substantial completion in 2025 and that the new systems would be online in late 2025.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@33.75818250000004,-116.25205879916666,14z>



Counties: Riverside County, California

ENDANGERED SPECIES ACT SPECIES

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BIRDS

NAME	STATUS
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Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

REPTILES

NAME	STATUS
Coachella Valley Fringe-toed Lizard <i>Uma inornata</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2069	Threatened
Desert Tortoise <i>Gopherus agassizii</i> Population: Wherever found, except AZ south and east of Colorado R., and Mexico There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4481	Threatened

FISHES

NAME	STATUS
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INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
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CRITICAL HABITATS

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IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Chelsie Brown
Address: 215 North Fifth Street
City: Redlands
State: CA
Zip: 92374
Email: cbrown@ecorpconsulting.com
Phone: 9093070046



United States Department of the Interior



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In Reply Refer To:

July 18, 2023

Project Code: 2023-0106201

Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable
Water Improvements Project - Pipeline

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

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PROJECT SUMMARY

Project Code: 2023-0106201
Project Name: Water Reclamation Plant No. 7 (WRP 7) Phase 1 Non-Potable Water Improvements Project

Project Type: Water Supply Pipeline - New Constr - Below Ground

Project Description: Pipeline

The Water Reclamation Plant (WRP) 7 Tertiary Treatment Improvements and Mile Post (MP) 113.2 Pump Station Rehabilitation project includes the following upgrades:

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Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@33.771306800000005,-116.26895593848597,14z>



Counties: Riverside County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

REPTILES

NAME	STATUS
Coachella Valley Fringe-toed Lizard <i>Uma inornata</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2069	Threatened
Desert Tortoise <i>Gopherus agassizii</i> Population: Wherever found, except AZ south and east of Colorado R., and Mexico There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4481	Threatened

FISHES

NAME	STATUS
Desert Pupfish <i>Cyprinodon macularius</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7003	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Coachella Valley Milk-vetch <i>Astragalus lentiginosus var. coachellae</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7426	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

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