

Environmental Commitment Program

Title: Rosedale Rio Bravo Water Storage District Groundwater Banking and Recharge Improvement Project Project Number: 21-057 Anticipated Start Date: Upon Project approval Approximate Duration: 6 to 7 months from Project approval date Project Lead: Allison Jacobson, ajacobson@usbr.gov, 916-978-5075 Natural Resource Specialist: Layne Brazier, lbrazier@usbr.gov, 559-262-0338 Wildlife Biologist: Shauna McDonald, SMcDonald@usbr.gov, 559-262-0344					Point of Contact: Jennifer Johnson JJJohnson@ccwater.com 925-688-8202 Principal Planner	
Resource	Summary of Environmental Commitments	Timeframe for Implementation	Verification Interval	Final Verification Date	Proponent Verification of Compliance	
					Initials	Date
Biological Resources	If listed species are observed within the Project site during pre-activity surveys or during construction, the District (or its agent) will immediately cease activities that may affect the listed species and contact the Service at (916) 414-6600 and Reclamation at (559) 262-0300 and notify biological staff of the discovery. Work may not resume until guidance on how to proceed has been received from Service and from Reclamation. Project workers have the ability to halt work as necessary to protect protected resources.	Duration of Project	Upon Project Completion			
Biological Resources	During the site-disturbance and/or construction phase, any contractor or employee that inadvertently kills or injures a special-status species, or who finds any such animal either dead, injured, or entrapped, shall report the incident immediately to the on-site construction manager and the District. The District shall then immediately notify Reclamation biological staff and those of the appropriate regulatory agency(ies) under whose jurisdiction the discovery falls to determine how to proceed. Work shall not resume without the authorization of the regulatory agencies and from Reclamation.	Duration of Project	Upon Project Completion			



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Biological Resources	If construction activities are proposed during the typical nesting season (February 15 to September 15, but see earlier start date below), a nesting bird survey will be conducted by a qualified biologist no more than two weeks prior to the start of construction to determine presence/absence of nesting birds within the Proposed Action Area and immediate vicinity. Reclamation and the District will be notified if nesting bird species protected under the Migratory Bird Treaty Act are observed during the surveys and will facilitate coordination with the Service, if necessary, to determine appropriate avoidance strategy. If raptor nests are observed within the Biological Study Area during the pre-construction nesting bird surveys, the nest(s) shall be designated an Environmental Sensitive Area and protected by a minimum 500-foot avoidance buffer until the breeding season ends or until a qualified biologist determines that all young have fledged and are no longer reliant upon the nest or parental care for survival. Resource agencies may consider proposed variances from these buffers if there is a compelling biological or ecological reason to do so, such as protection of a nest via concealment due to site	Duration of Project	Upon Project Completion			



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	topography and so there would be no take of Migratory Birds.					
Biological Resources	If during the preconstruction survey any active nests of Swainson's Hawk (<i>Buteo swainsoni</i>) or other Migratory Birds are discovered within 0.5 mile of the Proposed Action area, the District will coordinate with the appropriate agency(ies) to determine the appropriate construction setback distances. Construction-free buffers will be identified on the ground with flagging, fencing, or by other easily visible means, and will be maintained until a biologist assesses the nesting progress and has determined that the young have fledged and there would be no take.	Duration of Project	Upon Project Completion			
Biological Resources	To prevent inadvertent entrapment of San Joaquin kit fox or other animals during the construction phase of the Proposed Project, all excavated, steep-walled holes or trenches more than 2 feet deep will be inspected and covered at the close of each working day by plywood or similar materials. If the trenches cannot be closed, one or more escape ramps constructed of earthen-fill or wooden planks will be installed. Before such holes or trenches are filled, they should be thoroughly inspected for trapped animals. If at any time a trapped or injured	Duration of Project	Upon Project Completion			



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	special-status species is discovered, the District will immediately contact the appropriate agency(ies) under whose jurisdiction the discovery falls and Reclamation staff biologists to determine how to proceed.					
Biological Resources	During the site-disturbance and/or construction phase, all construction pipes, culverts, or similar structures or materials that contain a hole with a diameter of 3 inches or greater and that are stored at a construction site for one or more overnight periods will be thoroughly inspected for kit foxes and other special-status species before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a kit fox is discovered during this inspection, the pipe or culvert shall not be disturbed until after the kit fox has escaped (and then to move the pipe to a safe location if necessary).	Duration of Project	Upon Project Completion			
Biological Resources	Prior to, during, and after the site-disturbance and/or construction phase, use of pesticides or herbicides will be in compliance with all federal, state, and local regulations. This is necessary to minimize the probability of primary or secondary poisoning of endangered species utilizing adjacent habitats, and the depletion of prey upon which special-status species depend.	Duration of Project	Upon Project Completion			



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Biological Resources	Any fencing installed during the project construction should meet the following specifications: a. If a wire strand/pole design is used, the lowest strand should be no closer to the ground than 12 inches. b. If a more solid wire mesh fence is used, 8 x 12-inch openings near the ground should be provided every 100 yards.	Duration of Project	Upon Project Completion			
Biological Resources	During construction, food-related trash will be placed in enclosed containers and removed at the end of each workday at the end of construction, all construction related trash and debris will be removed daily from the work site and disposed of properly.	Duration of Project	Upon Project Completion			
Biological Resources	Prior to final inspection, should any long internal or perimeter fencing be proposed or installed, the applicant shall install the following to provide for kit fox passage: a. If a wire strand/pole design is used, the lowest strand shall be no closer to the ground than 12". b. If a more solid wire mesh fence is used, 8" x 12" openings near the ground shall be provided every 100 yards. Upon fence installation, the applicant shall notify the County to verify proper installation. Any fencing constructed after issuance of a final	Duration of Project	Upon Project Completion			



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	permit shall follow the above guidelines.					
Various Resources	A written report of the pre-activity survey(s) findings shall be transmitted to Reclamation so that they are received within five days after survey completion and prior to the start of any ground disturbing activities.	Duration of Project	Upon Project Completion			
Biological Resources	If at any time a trapped or injured kit fox is discovered, in addition to immediately contacting biologists at the Service and the California Department of Fish and Wildlife (CDFW), Reclamation biological staff also shall be immediately notified at [(559) 262-0300].	Duration of Project	Upon Project Completion			
Biological Resources	For purpose of compliance with environmental commitments for the Proposed Action, because some birds may now be nesting earlier, the migratory bird nesting for season for this Project commences on February 1 of each year. However, the end of the migratory bird nesting season remains September 15.	Duration of Project	Upon Project Completion			
Water Resources	The Project with its additional ground water storage and water resources shall be used to support existing land use and purposes only. The Project and any additional water resources or capabilities shall not be used to support or convert land from existing uses or other purpose unless and until environmental consultation on the effects of such change on	Duration of Project	Upon Project Completion			



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	resources protected under the ESA, etc., are completed with the appropriate regulatory agencies (e.g., Service).					
Funding: The proponent is responsible for all direct costs to implement, monitor and evaluate the environmental commitments described in the table. The proponent is also responsible for the costs incurred by Reclamation staff to monitor and evaluate the environmental commitments.						



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