

Mitigation Monitoring and Reporting Program (MMRP)

Reclamation Plan 2023-01 Zurich Pit, MS #308 CALTRANS)

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared pursuant to Public Resources Code §21081.6 to ensure implementation of mitigation measures adopted through the CEQA process for the Zurich Pit Reclamation Plan. The table below identifies each mitigation measure, the timing of implementation, the responsible party, and the agency or entity responsible for monitoring and verification. This MMRP applies only to CEQA-level mitigation measures; reclamation standards are addressed separately in the approved Reclamation Plan and Conditions of Approval.

Resource Area	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Verification Method
Aesthetics	Disturbed areas shall be graded to blend with surrounding topography and revegetated with native species to reduce visual contrast.	During reclamation	Caltrans	Inyo County Planning	Field verification during final reclamation inspection
Air Quality	Apply water to disturbed surfaces, unpaved haul roads, and stockpiles to control dust; suspend work during high wind events; enforce 20 mph on-site speed limit.	During active mining and reclamation	Caltrans	Great Basin APCD & Inyo County Planning	Site inspections; APCD permit compliance
Biological Resources -	Conduct preconstruction	Prior to ground	Caltrans (qualified)	CDFW & Inyo County	Survey reports

General	on surveys by a qualified biologist within 3 days prior to ground disturbance for special-status species and sensitive natural communities. Flag/fence areas to be avoided.	disturbance for each phase	biologist)	Planning	submitted; County confirmation
BIO-3 Species Avoidance	If insect host plants, nesting birds, raptors, burrowing owl, badger, reptiles, or other special-status species are encountered, halt work and establish buffers (10-500 ft as specified). Resume only after coordination with CDFW/USFWS.	During construction and mining	Caltrans	CDFW & USFWS	Biologist report; agency coordination letters
BIO-4 Small Mammals	Preconstruction surveys for Pale Kangaroo Mouse and Chisel-	Prior to ground disturbance	Caltrans	CDFW	Survey report

	Toothed Kangaroo Rat; report results to CDFW and County. Avoid or relocate per agency guidance.				
BIO-5 Reptiles	Preconstruction surveys for Northern Sagebrush Lizard, Long-Nosed Leopard Lizard, Zebra-Tailed Lizard; flag/avoid or relocate under CDFW guidance.	Prior to ground disturbance	Caltrans	CDFW	Survey report
BIO-6 Reptile Clearance	Clearance surveys by an authorized biologist 3 days prior to disturbance; if species located, obtain Incidental Take Permit (ITP) from CDFW prior to continuing.	Prior to ground disturbance	Caltrans	CDFW	Copy of ITP; survey documentation
BIO-7 Invertebrates	Preconstruction surveys for Morrison Bumble Bee and San Emigdio Blue	Prior to ground disturbance	Caltrans	CDFW	Survey report

	Butterfly; flag/avoid host plants or coordinate with CDFW if individuals detected.				
BIO-8 American Badger	Prepare a Badger Mitigation & Monitoring Plan including den surveys, monitoring, passive hazing, and relocation protocols. Maintain 500-ft buffer around active natal dens.	Prior to ground disturbance	Caltrans	CDFW	Approved plan; biologist report
BIO-9 Burrowing Owl	Conduct protocol surveys (CDFW 2012 Staff Report) with 500-m buffer. If owls present, halt work and prepare Burrowing Owl Plan for CDFW approval; obtain ITP if avoidance not feasible.	Prior to ground disturbance and annually during project	Caltrans	CDFW	Survey reports; approved Burrowing Owl Plan; copy of ITP if required
BIO-10 Bats	Conduct one-year cycle of	Prior to initial site	Caltrans	CDFW	Survey report; approved Bat

	seasonal bat surveys by qualified bat biologist; prepare Bat Management Plan for CDFW review if roosts detected. Avoid roosting season or provide alternative roost habitat.	clearing			Management Plan
BIO-11 Worker Training (WEAP)	Conduct Worker Environmental Awareness Program for all on-site staff, covering special-status species, waste management, and wildlife hazards.	Before site work; new workers as hired	Caltrans	CDFW (oversight), Inyo County	Attendance logs; training materials filed
BIO-12 Lake & Streambed Alteration	Obtain written correspondence from CDFW confirming no §1602 notification required, or else obtain Lake & Streambed Alteration Agreement	Prior to issuance of grading permit	Caltrans	CDFW	Copy of correspondence or executed LSAA

	prior to grading.				
Cultural Resources	If cultural resources or tribal cultural resources are encountered, work shall halt within 50 feet of the find, and Inyo County, tribes, and a qualified archaeologist shall be consulted before resuming work.	During all ground-disturbing activities	Caltrans	Inyo County Planning & Tribal Representatives	Field verification; consultation record