

**MITIGATION MONITORING  
& REPORTING PLAN**

**CITY OF GRASS VALLEY WOLF CREEK TRAIL PROJECT**

**SCH#2023040524**

City of Grass Valley

May 19, 2023

Prepared by:

City of Grass Valley  
Community Development Department  
125 E. Main Street  
Grass Valley, CA

## **AUTHORITY AND PURPOSE**

Pursuant to the California Public Resources Code, Section 21081.6, the City of Grass Valley is required to implement a Mitigation Monitoring and Reporting Plan for Grass Valley Wolf Creek Trail Project located along segments of Wolf Creek.

The purpose of this Mitigation Monitoring and Reporting Plan is to ensure compliance with, and effectiveness of, the Mitigation Measures set forth in the Mitigated Negative Declaration prepared for the project.

## **RESPONSIBILITIES**

The City of Grass Valley Public Works Division (PW) will have primary responsibility for the operation of the Mitigation Monitoring and Reporting Plan. The PW Division is responsible for managing all technical advisors and coordinating monitoring activities. The PW Division is responsible for directing the preparation and filing of Compliance Reports.

## **MITIGATION MONITORING MATRIX**

The following is a list of Mitigation Measures as presented in the Mitigated Negative Declaration prepared for the project. The Mitigation Monitoring and Reporting Program (MMRP), will be considered for adoption by the City of Grass Valley City Council concurrently with consideration of the Mitigated Negative Declaration prepared for the project. The City Council may direct that changes be made to the measures contained in this document prior to its adoption.

WOLF CREEK TRAIL PROJECT MITIGATION MONITORING MATRIX

No.	Impact	Mitigation Measure	Phase	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	VERIFICATION AND IMPLEMENTATION	
						Date Report Recieved	Notes
1.	BIOLOGICAL	<p><b>BIO 1 - Mitigation Measure:</b>  <u>Worker Training:</u> Prior to the start of work, a qualified biologist will provide a worker environmental awareness training to the construction crew. The biologist will train all project staff regarding habitat sensitivity, identification of special status species with potential to occur, and minimization and avoidance measures that are being implemented for the project. All contractors must complete the training prior to beginning any project-related work.</p> <p><b>BIO 2 - Mitigation Measure:</b>  <u>Parking:</u> Park vehicles and equipment on pavement, existing roads, or other disturbed or designated areas (barren, gravel, compacted dirt).</p> <p><b>BIO 3 - Mitigation Measure:</b>  <u>Access:</u> Use existing access and ROW roads. Minimize the development of new access and ROW roads, including clearing and blading for temporary vehicle access in areas of natural vegetation.</p> <p><b>BIO 4 - Mitigation Measure:</b>  <u>Equipment Inspection:</u> Minimize potential for wildlife to seek refuge or shelter in pipes, culverts, hollow poles, or similar construction equipment by capping, covering, or elevating said structures when not in use.</p> <p><b>BIO 5 - Mitigation Measure:</b>  <u>Trash:</u> Prohibit trash dumping, open fires (such as barbecues), and pets (except for safety in remote locations) at work sites.</p>	3	City	OT		
			4	City	OG		
			4	City	OG		
			4	City	OG		
			4	City	OG		

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1.	BIOLOGICAL	<b>BIO 6 - Mitigation Measure:</b> <u>Escape Ramps:</u> Fit open trenches or steep-walled holes with escape ramps of plywood boards or sloped earthen ramps at each end if left open overnight. Field crew will search open trenches or steep-walled holes every morning prior to initiating daily activities to ensure wildlife is not trapped.	4	City	OG		
		<b>BIO 7 - Mitigation Measure:</b> <u>Nesting Birds:</u> Pre-construction Survey: If feasible, work should be scheduled outside of the nesting bird season in the fall and winter. If not possible and work is scheduled during nesting bird season (March 1st through August 31st), a pre-construction nesting bird survey will be conducted by a qualified biologist within 10 days of construction commencement. The survey area should cover a radius of 250 feet for raptors and 50 feet for other non-raptor birds around all work areas.  If an active nest is observed within the survey area, the biologist will determine an appropriate exclusion buffer zone based on the type of species nesting, the distance from the work area, and the level of disturbance/noise levels in that area. The perimeter of the nest setback zone shall be fenced or adequately demarcated with stakes and flagging to ensure construction personnel and activities are restricted from the area. If needed, a qualified biologist will monitor construction activities occurring near the active nest site to ensure no inadvertent impacts on the nests occur.	3	City	OT		

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1.	BIOLOGICAL	<p><b>BIO 8 - Mitigation Measure:</b>  <u>Special Status Wildlife:</u> Prior to the start of work, a qualified biologist will perform a special status species survey of work areas that could provide suitable habitat for species with potential to occur in or near the project areas. The survey will focus on Segments 2 and 4, and the portion of suitable habitats in the other segments. Special attention will be made to look for foothill yellow-legged frog in areas where the train alignment is adjacent to Wolf Creek. Based on survey results, the qualified biologist will determine what other measures may need to be implemented to protect resources. This may include limiting work areas to walking access only, setting up protection buffers, or having a biological monitor onsite. If special status species are observed, then the agencies will be notified and provided a survey report of the findings.</p> <p><b>BIO 9 - Mitigation Measure:</b>  <u>No Fill:</u> No impacts (including fill, discharge or ground disturbance) to Wolf Creek are permitted.</p> <p><b>BIO - 10 Mitigation Measure:</b>  <u>No Dewatering:</u> No dewatering of Wolf Creek is permitted.</p> <p><b>BIO - 11 Mitigation Measure:</b>  <u>Dry Season Work:</u> If feasible, conduct work activities near Wolf Creek during the dry season (April 15 - October 15).</p> <p><b>BIO - 12 Mitigation Measure:</b>  <u>Minimize Impacts:</u> Minimize the number and size of work areas for equipment and spoil storage sites in the vicinity of Wolf Creek. Place staging areas and other work areas as far back from the creek as possible.</p>	3	City	OT		
			4	City	OG		
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1.	BIOLOGICAL	<b>BIO - 13 Mitigation Measure:</b> <u>Erosion Control:</u> Utilize standard erosion and sediment control BMPs to prevent construction site runoff into Wolf Creek. All exposed/disturbed areas within the proposed project site will be stabilized to the greatest extent possible. Erosion control measures such as straw wattles, straw mulch or silt fencing will be used to prevent runoff from entering the creek.	4	City	OG		
		<b>BIO - 14 Mitigation Measure:</b> <u>Plates or Mats:</u> If temporary plates or matting are needed to facilitate access, contact the Project Biologist or Environmental Lead prior to use.	4	City	OG		
		<b>BIO - 15 Mitigation Measure:</b> <u>Stockpile:</u> Stockpile soil within established work site boundaries and locate stockpiles so as not to enter Wolf Creek, stormwater inlets, or other standing bodies of water. Cover stockpiled soil prior to precipitation events.	4	City	OG		

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1.	BIOLOGICAL	<b>BIO - 16 Mitigation Measure:</b> <u>Storm Water Pollution Prevention Plan:</u> A SWPPP will be prepared for the Project in accordance with Section 402 of the Clean Water Act (CWA) and Caltrans' Construction General Permit (Order 2009-009-DWQ). The SWPPP shall incorporate best management practices (BMPs) to control sedimentation and runoff and address water quality on site. Protective measures would include the following: Utilize standard erosion and sediment control BMPs to prevent construction site runoff into Wolf Creek. All exposed/disturbed areas within the proposed project site will be stabilized to the greatest extent possible. <ul style="list-style-type: none"> <li>• No discharge of pollutants from vehicle and equipment cleaning into any storm drains or watercourses.</li> <li>• Vehicle and equipment fueling and maintenance operations must be located away from watercourses, except at established commercial gas stations or established vehicle maintenance facility or staging areas with BMPs or secondary containment installed and maintained.</li> <li>• Spill containment kits will always be maintained onsite during construction operations. Vehicles operating adjacent to wetlands and waterways must be inspected and maintained daily to prevent leaks.</li> <li>• All food and food-related trash items will be enclosed in sealed trash containers and removed completely from the site at the end of each day.</li> </ul>	2	City	OT		
		<b>BIO - 17 Mitigation Measure:</b> <u>Timing of Veg Work:</u> If feasible, vegetation work should be scheduled between September 1st and March 1st to avoid the nesting bird season.	3	City	OT		

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1.	BIOLOGICAL	<b>BIO - 18 Mitigation Measure:</b> <u>Tree Protection:</u> Removal and trimming of vegetation should be the minimum amount necessary to support the work. All cut vegetation must be removed from the riparian area.	3	City	OG		
		<b>BIO - 19 Mitigation Measure:</b> <u>Felling Trees:</u> Directionally fall trees away from an exclusion zone, if an exclusion zone has been defined. If this is not practicable, remove the tree in sections. Avoid damage to adjacent trees to the extent practicable.	4	City	OG		
		<b>BIO - 20 Mitigation Measure:</b> <u>Replanting:</u> Vegetation and tree removal would be required to construct the trail. Trees shall be replanted within the project area at a ratio consistent with local tree protection requirements for trees removed within local agency jurisdiction, Caltrans requirements for trees removed within Caltrans ROW, and CDFW replanting requirements for trees removed within the riparian zone in CDFW's jurisdiction.	4	City	OG		
		<b>BIO - 21 Mitigation Measure:</b> <u>Restoration:</u> All slopes or unpaved areas temporarily disturbed by the construction activities will be reseeded with native grasses and shrubs to stabilize and prevent erosion. The temporarily disturbed areas will be restored to pre-construction conditions to the maximum extent practicable. Where disturbance includes tree removal, native species will be replanted at ratios as described above.	4	City	OG		



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1.	BIOLOGICAL	<b>BIO - 22 Mitigation Measure:</b> •Establishing the area around the active drainage channel as Environmentally Sensitive Area (ESA) where those areas will not be impacted by construction or thereafter; •Minimize the number and size of work areas for equipment and spoil storage sites in the vicinity of the stream. Place staging areas and other work areas outside of the 30-foot drainage setback. •The contractor shall exercise reasonable precaution to protect this drainage and adjacent 30- foot drainage setback, including potential wetlands, from pollution with fuels, oils, and other harmful materials. Construction by products and pollutants such as oil, cement, and wash water shall be prevented from discharging into or near these resources and shall be collected for removal from the site. All construction debris and associated materials and litter shall be removed from the work site immediately upon completion. •No equipment for vehicle maintenance or refueling shall occur within the 30-foot drainage setback. The contractor shall immediately contain and clean up any petroleum or other chemical spills with absorbent materials such as sawdust or kitty litter. For other hazardous materials, follow the cleanup instruction on the label.	3	City	OG		

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2.	CULTURAL/ TRIBAL & CULTRUAL RESOURCES	<b>CUL 1 - Mitigation Measure:</b> Prior to initiating ground disturbing activities within the project area, construction personnel should be alerted to the possibility of encountering buried prehistoric or historic period cultural remains. Personnel should be advised that upon discovery of buried archaeological deposits, work in the immediate vicinity of the find should cease and a qualified archaeologist should be contacted immediately. Once the find has been identified, plans for the treatment, evaluation, and mitigation of impacts to the find shall be developed if it is found to be eligible for the National Register of Historic Places or the California Register of Historical Resources.	3-4	City	OG		
		<b>CUL 2 - Mitigation Measure:</b> Archaeological resources unearthed by project construction activities shall be evaluated by a qualified archaeologist and Native American monitor. If the resources are Native American in origin, the tribe shall coordinate with the jurisdiction regarding treatment of these resources. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and PRC Section 21083.2(b) for unique archaeological resources. Preservation in place (i.e., avoidance) shall be the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis; provided no data recovery will be permitted to tribal cultural resources without prior consultation and consent of relevant Tribes.	4	City	OG		

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2.	CULTURAL/ TRIBAL & CULTRUAL RESOURCES	<b>CUL 3 - Mitigation Measure:</b> California Health and Safety Code Section 7050.5, State CEQA Guidelines Section 15064.5, and PRC Section 5097.98 mandate the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery. California Health and Safety Code Section 7050.5 requires that in the event that human remains are discovered, disturbance of the site shall be halted until the coroner has investigated the circumstances, manner and cause of death, and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in PRC Section 5097.98. If the coroner determines that the remains are not subject to his or her authority and if the coroner recognizes or has reason to believe the human remains to be those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission.	4	City	OG		
3.	GEOLOGY & SOILS	<b>GEO 1 - Mitigation Measure:</b> In the event that paleontological resources are encountered during grading or other construction activities at the site, all construction, excavation, or grading activities within 100-feet of the find shall be temporarily halted until the City has been notified and a qualified paleontologist has had the opportunity to assess the significance of the find and provide proper management recommendations.	4	City	OG		

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4.	HYDROLOGY & WATER QUALITY	<b>HY/WQ 1 - Mitigation Measure:</b> The drainage plan prepared for the project shall consider the potential for near-surface groundwater in Segment 2 of the proposed trail. Low Impact Development (LID) and infiltration features shall be designed in consideration of groundwater levels that may rise to within 3 feet of the ground surface.	2	City	OT		
		<b>HY/WQ 2 - Mitigation Measure:</b> Prior to the issuance of a grading permit, the applicant shall submit a Storm Water Pollution Prevention Plan (SWPPP) to the City for acceptance, file a Notice of Intent with the California Water Quality Control Board and comply with all provisions of the Clean Water Act. The applicant shall submit the Waste Discharge Identification (WDID) number, issued by the state, to the City of Grass Valley Engineering Division.	2	City	OT		
		<b>HY/WQ 3 - Mitigation Measure:</b> Prior to the issuance of a grading permit, a detailed grading, permanent erosion control and landscaping plan shall be submitted for review and approval by the Engineering Division prior to commencing grading. Erosion control measures shall be implemented in accordance with the approved plans. Any expenses made by the City to enforce the required erosion control measures will be paid by deposit.	2	City	OT		

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5.	NOISE	<b>NOISE 1 - Mitigation Measure:</b> The following multipart measure shall be implemented to reduce construction noise impacts to a less-than-significant level: <ul style="list-style-type: none"> <li>• All equipment shall have sound-control devices that are no less effective than those provided on the original equipment. No equipment shall have unmuffled exhaust.</li> <li>• All equipment shall be properly maintained and operated.</li> <li>• The contractor shall implement appropriate additional measures to reduce noise when adjacent to receptor locations including but not limited to, changing the location of stationary construction equipment and using temporary noise barriers.</li> <li>• Within 14 days of starting construction, the contractor shall notify adjacent residents in advance of construction of the work hours and scheduled work.</li> <li>• The construction contractor's specifications shall stipulate that noise- generating construction activities not be allowed between the hours of 6:00p.m. and 7:00 a.m. daily for City of Grass Valley or at any time on Sunday or a legal holiday except when permitted by the governing Planning Director for an extreme situation.</li> </ul>	3	City	OG		