Mitigation Monitoring Program

Project Title:Miners Ravine Off-Channel Detention Basin Facility

Lead Agency Name and Address: Placer County Flood Control and Water Conservation

District

11444 B Avenue Auburn, CA 95603

Contact Person and Phone

Number:

E. Brian Keating, District Engineer

530-889-7592

Project Location: The project site is located along Miners Ravine on the

west and east sides of Sierra College Boulevard in the City of Roseville and Placer County. The western portion of the site is within the Roseville City limits; the eastern portion is on unincorporated Placer County lands. The project site is located in Section 32, Township 11 north, Range 7 east on the Rocklin 7.5-minute quadrangle.

Project Sponsor's Name and

Address:

Placer County Flood Control and Water Conservation

District

11444 B Avenue Auburn, CA 95603 **Description of Project:** The District is proposing to construct a multi-objective flood control and creek restoration project that will provide regional flood control benefits through off-channel detention, as well as habitat restoration and enhancement and a recreational trail system. The purpose of the project is to provide flood damage reduction in the 101-square-mile Dry Creek watershed by increasing the off-channel storage capacity available at the project site while providing environmental and recreational enhancements in the corridor. The project is intended to achieve the following objectives.

- Reduce flood flows through off-channel detention and increase floodplain capacity immediately adjacent to the creek.
- Reduce the likelihood of Sierra College Boulevard (a major thoroughfare) being overtopped during flooding events.
- Maintain the existing 100-year floodplain footprint.
- Minimize the potential for fish stranding in the floodplain and detention pond.
- Enhance rearing habitat for anadromous fish in Miners Ravine.
- Restore and enhance wetland habitat at the project site (in the eastern basin).
- Restore riparian habitat and oak woodland at the project site (on the floodplain adjacent to Miners Ravine)
- Provide a multi-use recreation trail and trailhead parking.
- Provide improved public access to recreational and educational opportunities along Miners Ravine.

Introduction: The District prepared an Initial Study/Proposed Mitigated Negative Declaration (IS/ Proposed MND) (December 2005) for the proposed project that identifies potential impacts and mitigation measures to reduce significant impacts to a less-than-significant level. Seven mitigation measures were identified as a result of the impact analysis conducted for the project. The IS/Proposed MND concluded that implementation of these mitigation measures would reduce all potentially significant impacts to a less-than-significant level.

This mitigation monitoring and reporting program has been prepared to comply with Section 21081.6(a)(1) of the Public Resources Code which requires the following:

The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation.

Mitigation Monitoring Program: This Mitigation Monitoring Program (summarized in Table 1) lists all the mitigation measures identified in the District's IS/Proposed MND. In general, monitoring becomes effective at the time the action is taken on the project. Timing of monitoring is organized as follows:

- 1. *Prior to Construction:* The monitoring activity consists of insuring that a particular mitigation action has taken place prior to the beginning of any construction or grading activities.
- 2. *During Construction:* The monitoring activity consists of active monitoring while grading or construction is occurring on the project site.
- 3. Ongoing: The monitoring activity consists of monitoring after the grading and construction phase of the project has been completed and relates to ongoing operation of the project.

Table 1. Mitigation Monitoring Program

Mitigation Measure	Funding Source	Monitoring Agency	Timing	Monitoring Program	Standards for Success
Mitigation Measure B-1: Install Construction Barrier Fencing to Protect Sensitive Biological Resources Adjacent to the Construction Zone:	District	District	Prior to construction	Construction contractor, project engineer, and resource specialist will identify locations for fencing and stake around sensitive resource sites	Avoidance of designated sensitive biological resources adjacent to the construction zone
Mitigation Measure B-2: Retain a Biologist to Monitor Construction Activities	District	District	Weekly during construction	Biological monitor will assist construction crew in compliance with project implementation restrictions and guidelines and be responsible for ensuring that contractor maintains marked perimeter of the construction and staging areas adjacent to sensitive biological resources	Adherence by construction contractor to construction restrictions and guidelines and avoidance of specified sensitive biological resources
Mitigation Measure B-3: Conduct a Preconstruction Survey for Northwestern Pond Turtles Preconstruction surveys	District	District	Within 48 hours prior to the initiation of ground disturbance	Qualified wildlife biologist to be retained by the District	Avoidance of active pond turtle nest
Mitigation Measure B-4: Conduct Preconstruction Surveys for Swainson's Hawk Nests and Implement Appropriate Restrictions and Compensation	District	District	Prior to construction	Qualified wildlife biologist will conduct surveys of suitable habitat within 0.25 mile of the project area during the breeding season before project activities begin	Avoidance of impacts on nesting Swainson's Hawk and minimization of disturbance on their foraging habitat

Mitigation Measure	Funding Source	Monitoring Agency	Timing	Monitoring Program	Standards for Success
Mitigation Measure B-5: Conduct Preconstruction Nesting Bird and Raptor Surveys and Implement Appropriate Restrictions	District	District	Prior to construction	Tree removal will occur prior to February 28 to avoid the breeding season and discourage birds from nesting near construction area	Avoidance of nesting migratory birds and raptors
				All trees within 350 feet of potential construction activity will be surveyed	
				No construction vehicles will be permitted within restricted areas unless directly related to management or protection of legally protected species	
Mitigation Measure CR-1: Implement a Plan to Address the Discovery of Unanticipated Cultural and Paleontological Resources	District	District	During construction	If the contractor unearths buried cultural or paleontological resources during construction, work will stop in that area and within 100 ft. of the find until a qualified archaeologist or paleontologist can assess significance of the find, and if necessary, develop appropriate treatment measures in consultation with the District and any other appropriate agencies	Avoidance of buried cultural or paleontologic al resources

Mitigation Measure	Funding Source	Monitoring Agency	Timing	Monitoring Program	Standards for Success
Mitigation Measure CR-2: Implement a Plan to Address the Discovery of Human Remains			During construction	Monitoring Program If any human remains are discovered or recognized in any location other than a dedicated cemetery, no further excavation or disturbance of the site or nearby area will occur until: 1. the Placer County coroner is informed and has determined that investigation of the cause of death is not required; and 2. if the remains are of Native American origin, the descendants of the deceased Native Americans have made a recommendation to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the	
				human remains and any associated grave goods as provided in PRC 5097.98; or	
				the NAHC has been unable to identify a descendant or the descendant failed to make a recommendation within 24 hours after being notified by the commission	