

APPENDIX-G. MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared pursuant to CEQA Guidelines (California Code of Regulations, Title 14), which state the following:

In order to ensure that the mitigation measures and project revisions identified in the EIR or negative declaration are implemented, the public agency shall adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program.

The public agency may choose whether its program will monitor mitigation, report on mitigation, or both. "Reporting" generally consists of a written compliance review that is presented to the decision making body or authorized staff person. A report may be required at various stages during project implementation or upon completion of the mitigation measure. "Monitoring" is generally an ongoing or periodic process of project oversight. There is often no clear distinction between monitoring and reporting and the program best suited to ensuring compliance in any given instance will usually involve elements of both.

Table 1 lists the potentially significant impacts and proposed mitigation measures identified in the Final Supplemental Initial Study/Mitigated Negative Declaration (SIS/MND). Table 1 describes the timing of implementation of the mitigation measures (i.e., when the measure will be implemented) and the City of Healdsburg (City) staff or individual responsible for ensuring implementation of the measures. Finally, Table 1 describes the City staff or individual responsible for monitoring the mitigation measures.

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**Table 1
Mitigation Monitoring and Reporting Program**

Environmental Impact	Mitigation Measures	Implementation Responsibility & Timing	Monitoring Responsibility	
Air Quality				
<p>Impact: a) Would the project conflict with or obstruct implementation of the applicable air quality plan?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure Air-1 (2006 IS/MND MM 1)</p> <p>Construction equipment shall be maintained and operated to minimize exhaust emissions. During construction, trucks and equipment shall be operated only when necessary. Equipment shall be kept in good condition and well-tuned to minimize exhaust emissions.</p> <p>Mitigation Measure Air-2 (2006 IS/MND MM 2)</p> <p>Contactor shall provide dust control measures at all time, including weekends and holidays, during all phases of construction to the satisfaction of the City Engineer. Dust control measures shall include, but not be limited to, watering, application of dust suppressants or other means in order to prevent fugitive dust from the leaving the project site. Paved areas at the access points shall be swept or washed as often as necessary each day to eliminate tracing soil and debris tracking onto public streets. Any soil and/or debris, rock, gravel, etc. resulting on any public streets as a result of this project shall be removed immediately. Paved areas within the right-of-way shall be left in a cleaned and washed condition at the end of each work day.</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: Specifications to be included in improvements plans and construction activities shall be monitored</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>

Biological Resources				
<p>Impact: a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service</p>	<p>Mitigation Measure BIO-1: Birds</p>	<p>Implementation Responsibility:</p>	<p>Monitoring Responsibility:</p>	<p>Initials _____</p>
<p><u>Special-Status and Non-Special-Status Nesting Birds</u></p>	<p>As three special-status bird species and several other non-special status birds species have the potential to nest, forage, and roost within the project site, the following measures shall be implemented to reduce impacts to these species to less than significant levels:</p>	<p>City Staff Biologist or Consulting Biologist</p>	<p>City Staff Biologist or Consulting Biologist</p>	<p>Date _____</p>
<p>Significance of Impact Before Mitigation: Potentially Significant</p>	<ul style="list-style-type: none"> • To the fullest extent feasible, initial ground disturbance and/or vegetation removal should occur during the non-nesting season (August 16 to January 31). No pre-construction surveys would be required during this period. • If initial ground disturbance and/or vegetation removal occurs during the nesting season (February 1 through August 15), a qualified biologist shall conduct a nesting bird survey no more than 14 days prior to ground disturbance to determine if any birds are nesting within or adjacent to project impact areas. • If active nests are found within project impact areas or close enough to these areas to be affected by project activities, the biologist shall establish an appropriate exclusion zone around the nest. This exclusion zone may be modified depending upon the species, nest location, and existing visual buffers and ambient sound levels. Once all young have become independent of the nest (or the nest otherwise becomes inactive), work may take place in the former exclusion zone. • If initial ground disturbance is delayed or there is a break in project activities of greater than 14 days within the nesting season, then a follow-up nesting bird survey shall be performed to ensure no nests have been established in the interim. 	<p>Monitoring Frequency: Prior and during project construction</p>		
<p>Significance of Impact After Mitigation: Less than Significant</p>				

<p>Impact: a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service</p> <p><u>Western Pond Turtle</u></p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure BIO-2: Western Pond Turtle</p> <p>Western pond turtle has been identified in the Initial Study as having potential to occur. The only portion of the Study Area that has potential to interact with this species is at the bridge crossing over Foss Creek.</p> <p>To avoid adverse impacts to western pond turtle the following the following measures shall be implemented to reduce impacts to these species to less than significant levels:</p> <ul style="list-style-type: none"> • Prior to initiation of initial ground disturbance or vegetation removal around the proposed bridge, a qualified biologist shall perform a preconstruction survey. If any pond turtles are observed within the construction area, the animal should be allowed to leave the area on its own. • Any open holes or trenches should be fully covered, or backfilled at the end of the day to prevent turtles or other wildlife from falling into said features and becoming trapped. • To avoid impacts to aquatic habitats staging, or maintenance of equipment should occur outside of the top of bank within previously developed or disturbed areas. • During refueling, any equipment within 50 feet of the Creek should use appropriate secondary containment to prevent spills or contamination. • All vehicles operating near the creek should be checked daily for leaks. 	<p>Implementation Responsibility: City Staff Biologist or Consulting Biologist</p> <p>Monitoring Frequency: Prior and during project construction</p>	<p>Monitoring Responsibility: City Staff Biologist or Consulting Biologist</p>	<p>Initials _____</p> <p>Date _____</p>
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<p>Impact: b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure BIO-3: Seasonal Wetlands</p> <p>Prior to issuance of construction and grading permits the City of Healdsburg shall obtain a Corps Section 404 Nationwide Permit, RWQCB Section 401 Water Quality Certification. To mitigate for the permanent loss of 0.06 acre of seasonal wetland features resulting from the project, the Applicant shall provide a USACE-approved compensatory mitigation plan for impacts to waters of the U.S. The plan shall provide for replacement of waters of the as required by the USACE. The plan shall describe the specific methods for replacement of impacted waters on site, and provide a monitoring plan, including a reporting schedule and success criteria over a specific amount of time. In the event the USACE determines that compensatory mitigation for impacts to waters of the U.S. cannot be fully accomplished on site, the Applicant may purchase credits at a USACE-approved mitigation bank whose service area includes the project site. The type and amount of credits shall be determined in coordination with the USACE. Proof of the purchase of any required mitigation bank credits shall be provided prior to initiation of any work impacting waters of the U.S. on the project site.</p>	<p>Implementation Responsibility: City Staff Biologist or Consulting Biologist</p> <p>Monitoring Frequency: Prior and during project construction</p>	<p>Monitoring Responsibility: City Staff Biologist or Consulting Biologist</p>	<p>Initials _____</p> <p>Date _____</p>
<p>Impact: c) Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation:</p>	<p>See Mitigation Measure BIO-3</p>	<p>Implementation Responsibility: City Staff Biologist or Consulting Biologist</p> <p>Monitoring Frequency: Prior and during project construction</p>	<p>Monitoring Responsibility: City Staff Biologist or Consulting Biologist</p>	<p>Initials _____</p> <p>Date _____</p>

Less than Significant				
Cultural Resources				
<p>Impact: b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure CULT-1 (2006 IS/MND MM#7)</p> <p>The City shall ensure that construction documents require the construction contractor to stop work if cultural resources or archaeological sites are accidentally discovered during construction. In this event, Section 15064.5 (f) of the State CEQA Guidelines shall be followed if archaeological sites are accidentally found during construction. If any human remains are accidentally discovered, Section 15064.5 (d) of the State CEQA Guidelines shall be followed.</p> <p>Mitigation Measure CULT-2 (2006 IS/MND MM#8)</p> <p>Cultural resource evaluations shall be conducted for the pathway segment between the north end of the detention basin and Dry Creek Road.</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: To be completed prior to approval of the improvement plans for the affected reach. An area specific cultural resources evacuation was done as part of this SIS/MND.</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>
Geology				
<p>Impact: b) Would the project result in substantial soil erosion or the loss of topsoil?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure GEO-1 (2006 IS/MND MM #10)</p> <p>Implement an erosion control plan for all phases of the project in which earth will be exposed. This plan shall include both short-term measures, such as hydroseeding and/or straw mulching, and long-term measures, such as landscaping and native habitat restoration, to ensure no loss of topsoil and flow of sediment into Foss Creek or other waterways.</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: Specifications to be included in the construction plans, with implementation prior to the beginning of the rainy season (end of October).</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>

Hydrology and Water Quality				
<p>Impact: a) Would the project violate any water quality standards or waste discharge requirements?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>See Mitigation Measure GEO-1 (2006 IS/MND MM #10)</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: Specifications to be included in the construction plans, with implementation prior to the beginning of the rainy season (end of October).</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>
<p>Impact: c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site.</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>See Mitigation Measure GEO-1 (2006 IS/MND MM #10)</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: Specifications to be included in the construction plans, with implementation prior to the beginning of the rainy season (end of October).</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>

Noise				
<p>Impact: a) Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?</p>	<p>Mitigation Measure NOISE-1 (2006 IS/MND MM#11)</p>	<p>Implementation Responsibility: City Staff</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p>
<p>Significance of Impact Before Mitigation: Potentially Significant</p>	<p>The following noise-reducing construction practices shall be employed for all improvements:</p>	<p>Monitoring Frequency: Prior to construction and during operation.</p>		<p>Date _____</p>
<p>Significance of Impact After Mitigation: Less than Significant</p>	<p>a. All equipment shall have sound control devices no less effective than those provided on the original equipment. No equipment shall have an unmuffled exhaust.</p> <p>b. Heavy equipment operation, grading activities and construction of improvements shall be limited to the hours of 7:30 a.m. to 6:00 p.m., Monday through Saturday in order to avoid disturbance to nearby residents during sensitive early morning and evening hours.</p> <p>c. The contractor shall notify all adjoining residents in advance of clearing, grading and construction activities associated with the project.</p>			

Transportation and Traffic				
<p>Impact: d) Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure TRAFFIC-1</p> <p>The project shall incorporate the following traffic safety measures:</p> <ul style="list-style-type: none"> • Interconnecting the pedestrian signal with the Grove and Healdsburg Ave Signals intersections to reduce queueing; and, • Installing detectors on both sides of the rail/pedestrian crossing in both directions to detect when queues may extend across the rail crossing to trigger the signals to flush queued traffic. 	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: Prior to construction and during operation</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>
Utilities and Service Systems				
<p>Impact: c) Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure ULT-1 (2006 IS/MND MM #12)</p> <p>The project designer shall work with the City of Healdsburg Public Works Department to design the pathway in the vicinity of the Grove Street Detention Basin in such a way to ensure that the function of the detention basin, including inlet and outlet structures, is not impaired in any way.</p>	<p>Implementation Responsibility: City Staff</p> <p>Monitoring Frequency: At the time construction plans for the pathway in the vicinity of the Grove Street detention basin are prepared for the project.</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>

<p>Impact: f) Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?</p> <p>Significance of Impact Before Mitigation: Potentially Significant</p> <p>Significance of Impact After Mitigation: Less than Significant</p>	<p>Mitigation Measure ULT-2 (2006 IS/MND MM #13)</p> <p>The construction contractor shall recycle waste materials during all construction phases of the project, particularly brush and vegetation removed, and any other materials that are prohibited from landfill disposal.</p>	<p>Implementation Responsibility: Construction Contractor and City Staff</p> <p>Monitoring Frequency: Conditions to be included in approval of improvements plans, with implementation by the construction contractor.</p>	<p>Monitoring Responsibility: City Staff</p>	<p>Initials _____</p> <p>Date _____</p>
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