





# Mitigation Monitoring and Reporting Program for the County Jail Project

State Clearinghouse #2013012072

## PREPARED FOR:

**Napa County Planning, Building, and  
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# MITIGATION MONITORING AND REPORTING PROGRAM

The following Mitigation Monitoring and Reporting Program (MMRP) has been prepared in compliance with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines to provide for the monitoring of mitigation measures required of the County Jail Project (proposed project) as set forth in the environmental impact report (EIR) prepared for the project.

Section 21081.6 of the California Public Resources Code and Section 15091(d) and 15097 of the State CEQA Guidelines require public agencies “to adopt a reporting or monitoring program for changes to the project which it has adopted or made conditions of project approval in order to mitigate or avoid significant effects on the environment.” An MMRP is required for the proposed project because the EIR for the project identified potentially significant adverse impacts related to construction and operation of the project, and mitigation measures have been identified to reduce most of those impacts to a less-than-significant-level.

This MMRP will be adopted by the County Board of Supervisors when it approves the project and will be kept on file at the Napa County Planning, Building, and Environmental Services Department, 1195 Third Street, 2<sup>nd</sup> Floor, Napa, CA 94559.

This MMRP is to be used by Napa County to ensure that adopted mitigation measures identified in the EIR are implemented and that implementation is documented. The MMRP is presented in tabular format. The table columns contain the following information:

**Mitigation Measure:** Provides the text of the mitigation measures (by issue area), as provided in the EIR, each of which has been adopted and incorporated into the project.

**Implementation Schedule:** Lists the time frame in which the mitigation is expected to take place.

**Implementation Responsibility:** Identifies the entity responsible for complying with the requirements and conditions of the mitigation measure.

**Completion of Implementation:** The County is responsible for reporting on implementation of the mitigation measures. The “Action” column is to be used to describe the action(s) taken to complete implementation. The “Date Completed” column is to be used to indicate when implementation of the mitigation measure has been completed. The County, at its discretion, may delegate implementation responsibility or portions thereof to qualified consultants or contractors. However, the County still maintains overall responsibility for implementation of mitigation adopted or incorporated into the project.

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<b>Air Quality</b>				
<p><b>Mitigation Measure 3.3-1. Implement Construction-Related Measures to Reduce Impacts from Fugitive Dust Emissions.</b> The County will require its contractors to comply with the following construction-related measures to reduce impacts from fugitive dust emissions:</p> <ul style="list-style-type: none"> <li>› All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) will be watered two times per day.</li> <li>› All haul trucks transporting soil, sand, or other loose material off-site will be covered.</li> <li>› All visible mud or dirt track-out onto adjacent public roads will be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.</li> <li>› All vehicle speeds on unpaved roads will be limited to 15 mph.</li> <li>› All roadways, driveways, and sidewalks to be paved will be completed as soon as possible. Building pads will be laid as soon as possible after grading unless seeding or soil binders are used.</li> <li>› Idling times will be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of CCR). Clear signage will be provided for construction workers at all access points.</li> <li>› All construction equipment will be maintained and properly tuned in accordance with manufacturer’s specifications. All equipment will be checked by a certified visible emissions evaluator.</li> <li>› Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person will respond and take corrective action within 48 hours. The Air District’s phone number will also be visible to ensure compliance with applicable regulations.</li> <li>› Building pads shall be laid as soon as possible upon completion of grading, unless seeding or soil binders are used to minimize wind-generated fugitive dust emissions.</li> </ul>	<p>During grading and construction activities</p>	<p>County</p>		

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<b>Greenhouse Gas Emissions</b>				
<p><b>Mitigation Measure 3.4-1. Incorporate Design Features into Project to Reduce Project-Related Operational GHG Emissions.</b> To reduce project-related operational GHG emissions, Napa County shall achieve a 15% or more reduction in energy consumption below Title 24 standards (Green Building Code). Measures implemented to achieve this performance standard may include but shall not be limited to the following:</p> <ul style="list-style-type: none"> <li>› construct all new buildings at the new jail facility to LEED Gold standard;</li> <li>› install enough solar panels on and/or around the new facility to meet the facility’s full electricity demand on a year-round basis, provided that the County has the funding to support associated capital costs at the time of building;</li> <li>› install rooftop solar hot water heaters to partially meet the demand for hot water by the facility;</li> <li>› in rooftop areas where solar panels or solar hot water heaters are not installed, incorporate cool roofs using material with a greater than or equal to 30 albedo (i.e., the proportion of the incident light or radiation reflected by a surface);</li> <li>› install smart meters and programmable thermostats into the heating, ventilation, and cooling systems for all buildings;</li> <li>› only include drought tolerant plants in the facility’s landscaping; and</li> <li>› install energy-efficient appliances, fixtures, and water-saving plumbing (i.e., low-flow toilets, faucets).</li> </ul>	Before issuance of building permits	County		
<b>Hazards and Hazardous Materials</b>				
<p><b>Mitigation Measure 3.5-1. Prepare and Implement a Health and Safety Plan.</b> To avoid health risks to construction workers, the County will prepare a Health and Safety Plan prior to initiating any demolition, grading, or other earthmoving activities. This plan will outline measures that will be employed to protect construction workers and the public from exposure to hazardous materials during demolition and construction activities.</p> <p>These measures could include, but would not be limited to, posting notices, limiting access to the site, air monitoring, watering, and installation of wind fences. Contractors will be required to comply with state health and safety standards for all demolition work. If necessary, this will include compliance with OSHA and Cal-OSHA</p>	Prepare Health and Safety Plan before issuance of grading permits; investigate whether any building materials to be removed contain	County; construction contractor		

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<p>requirements regarding exposure to asbestos and lead-based paint.</p> <p>In addition, the plan shall include procedures to follow in the event that contaminated soil and/or groundwater or other hazardous materials are generated or encountered during construction. Such procedures could include, but would not be limited to, the following:</p> <ul style="list-style-type: none"> <li>› all work shall be halted in the affected area and the type and extent of the contamination shall be determined.</li> <li>› the project contractor will notify the Napa County Environmental Health Division if evidence of previously undiscovered soil or groundwater contamination (e.g., stained soil, odorous groundwater) is encountered during excavation.</li> <li>› any contaminated areas will be remediated in accordance with recommendations made by the Napa County Environmental Health Division, SFRWQCB, and DTSC.</li> <li>› remediation activities could include but would not be limited to the excavation of contaminated soil areas and hauling of contaminated soil materials to an appropriate off-site disposal facility, mixing of on-site soils, and capping (i.e., paving or sealing) of contaminated areas.</li> </ul> <p>Before demolition of any structure, or removal of building materials, the County will hire a qualified consultant to investigate whether any building materials to be removed contain lead or asbestos-containing materials that could become friable or mobile during demolition/construction activities. If found, the lead- or asbestos-containing materials will be removed by an accredited inspector in accordance with U.S. EPA and Cal-OSHA standards. In addition, all activities (construction or demolition) in the vicinity of these materials will comply with Cal-OSHA asbestos worker construction standards. The lead- or asbestos-containing materials will be disposed of properly at an appropriate off-site disposal facility.</p>	<p>lead or asbestos-containing materials before demolition of any structure or removal of building materials; implement all other measures during construction</p>			
<p><b>Mitigation Measure 3.5-2: Prepare Emergency Response Plan Consistent with the County's OAHMP.</b> The County will prepare an emergency response plan for the new jail in coordination with first responders and other emergency agencies. The plan will include an evacuation plan for the site that will detail what parties are responsible for specific response actions. The plan will also identify applicable mitigation from the OAHMP; this may include community education programs, post-emergency power generation plans, remote area detection systems, and communication and response systems that contribute to effective emergency response in the County. The</p>	<p>Before issuance of occupancy permits</p>	<p>County</p>		

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emergency response plan for the new jail will be approved by the Napa County PBES and the Napa County Fire Chief prior to issuance of occupancy permits.				
<b>Hydrology and Water Quality</b>				
<p><b>Mitigation Measure 3.6-2a. Complete Final Drainage Plan and Provide Adequate On-site Storm Drainage Facilities.</b> Prior to final project design, the County will assess drainage patterns and potential downstream flooding impacts including increased flow rates and volume and flood potential. Final project design will include design features to ensure that all runoff from the project site will not exceed pre-project flow rates.</p> <p>As part of the final design process, the County will ensure that the proposed drainage plans are consistent with local requirements. The final drainage plan will include, but not be limited to, the following items:</p> <ul style="list-style-type: none"> <li>› an accurate calculation of pre-project and post-project runoff scenarios, obtained using appropriate engineering methods that accurately evaluate potential changes to runoff, including increased surface runoff;</li> <li>› installation of a drainage basin, if needed, to accommodate on-site stormwater flows designed to be consistent with the requirements of Napa County and provide enough storage to accommodate the difference between calculated 10-year storm peak run-off of the existing site and the 100-year storm runoff of the developed site;</li> <li>› implementation of appropriate Best Management Practices (BMPs);</li> <li>› a description of any treatments necessary to protect earthen channels from erosion, and modifications that may be needed to existing underground pipe and culvert capacities;</li> <li>› a description of the proposed maintenance program for the on-site drainage system; and</li> <li>› a description of the project-specific standards for installing drainage systems.</li> </ul>	Before final project design	County		
<p><b>Mitigation Measure 3.6-2b. Prepare and Implement a SWPPP.</b> The County will prepare a SWPPP to include the incorporation of source control, site design, and treatment control BMPs to address anticipated and potential pollutants including but not limited to the following:</p>	Prepare SWPPP before issuance of grading permits;	County; construction contractor		

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<p>Source Control</p> <ul style="list-style-type: none"> <li>› All storm drain inlets and catch basins will be stenciled or have a tile placed with prohibitive language and/or graphical icons to discourage illegal dumping.</li> <li>› Waste collection areas will (1) be paved with an impervious surface, designed not to allow runoff from adjoining areas, and screened or walled to prevent off-site transport of trash; and (2) contain attached lids on all trash containers that exclude rain; or (3) contain a roof or awning to minimize direct precipitation. Waste will be collected by a servicing company on a routine basis. This will minimize direct contact of trash and debris with precipitation.</li> <li>› Drought-tolerant native or naturalized landscaping will be used to the maximum extent practicable to reduce the need for pesticides, fertilizers, and irrigation.</li> <li>› Maintenance personnel will be educated on environmentally friendly pesticides and herbicides and will be encouraged to reduce or eliminate the need for pesticides. Personnel will also be required to be familiar with and to apply the principles of integrated pest management.</li> <li>› Maintenance personnel will be educated on effective and efficient use of fertilizers and encouraged to minimize use of their application.</li> <li>› Maintenance personnel will inspect the site routinely for trash and debris to reduce the potential discharge of materials into the storm drain system. Maintenance personnel will also monitor storm drain inlets and catch basins for trash and debris.</li> <li>› Efficient landscape irrigation systems with rain sensors will be used where possible to minimize runoff of excess irrigation water to the stormwater conveyance system. Irrigation systems will be designed to each landscape area's specific water requirements. Flow reducers or shutoff valves triggered by a pressure drop will be used to control water loss in the event of broken sprinkler heads or lines.</li> <li>› Maintenance personnel will be trained to inspect the facilities for signs of plumbing and sewer problems. A routine monitoring schedule will be put in place to check cleanouts and other facility controls for maintenance needs.</li> </ul> <p>Site Design</p> <ul style="list-style-type: none"> <li>› Runoff from roofs will be directed to landscaped areas or infiltration basins to</li> </ul>	<p>implement all other measures during construction</p>			



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<p>allow for infiltration and reduced runoff to the maximum extent practicable.</p> <ul style="list-style-type: none"> <li>› Pavers or other porous surfaces such as grass paver systems, gravel paver systems, porous concrete, porous asphalt, or granular surfaces will be used where possible to reduce impervious areas.</li> <li>› The project will maintain existing flow patterns and control runoff from impervious areas, particularly from pavement, by directing flow to an engineered stormwater drain system that will control runoff from the development.</li> </ul> <p>Treatment Control</p> <p>If determined to be needed, the proposed detention basin(s) on-site will be designed with the following general design parameters:</p> <ul style="list-style-type: none"> <li>› basins must drain within 24 to 72 hours (48-hour optimal drawdown),</li> <li>› inlet/outlet dissipation must be included to reduce velocity,</li> <li>› length to width ratio should be at least 1.5:1 (may use internal baffling or berms),</li> <li>› optimal basin depths range from 2 to 5 feet, and</li> <li>› maintenance access ramp and perimeter access will be provided.</li> </ul>				
<b>Transportation and Traffic</b>				
<p><b>Mitigation Measure 3.9-1a. Soscol Avenue-SR 221/SR 121-Imola Avenue.</b> The County will pay its proportional share to the City towards potential future improvements at Soscol Avenue-SR 221/SR 121-Imola Avenue, which is calculated as 2.49% for Phase 1(366 beds) and an additional 0.50% (or a total of 2.99%) with the addition of Phase 2 trips (526 beds). As identified in the <i>Napa Pipe Impact Transportation Analysis Sensitivity Analysis</i> (Mitchell, Crosley, and Foletta, pers. comm., 2013), the improvements needed to achieve acceptable operation include an additional left-turn lane on the eastbound approach and an exclusive right-turn lane on the westbound approach. Because the intersection is operating at an unacceptable LOS under existing conditions under the applied standards, the County shall pay its proportional share of the construction of these improvements.</p>	Before issuance of building permits	County		
<p><b>Mitigation Measure 3.9-1b. SR 221/Main Access.</b> Prior to occupancy of the site, the County will fund and signalize the intersection of SR 221/Main Access, including providing protected left-turn phasing on southbound SR 221. To eliminate conflicts between the protected southbound left-turn movement and northbound right turns,</p>	Before site occupancy	County		

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the free right-turn lane shall be controlled by a yield sign. The free westbound right-turn can be maintained and right-turn overlap phasing shall be provided between the southbound left turn and westbound right turn. Adequate right-of-way is available to accommodate this improvement and adequate spacing (i.e., more than 2,000 feet) is available between this signal and the nearest signal.				
<b>Mitigation Measure 3.9-1c. SR 221-Soscol Ferry Road/SR 29.</b> The County and Caltrans plan to implement a fly-over overpass at the SR 221-Soscol Ferry Road/SR 29 intersection. This improvement has been planned for completion in 2040 and MTC has set aside \$5 million in discretionary funds towards the estimated cost of approximately \$30 million. The project’s proportional share contribution is 1.34% for the traffic associated with Phase 1, and 1.63% for the entire project, or an additional 0.29% for the Phase 2 trips. The County will fund its share of this improvement	Before issuance of building permits	County		
<b>Mitigation Measure 3.9-2a. Soscol Avenue-SR 221/SR 121-Imola Avenue.</b> Implement Mitigation Measure 3.9-1a, above.	Before issuance of building permits	County		
<b>Mitigation Measure 3.9-2b. SR 221/Main Access.</b> Implement Mitigation Measure 3.9-1b, above.	Before site occupancy	County		
<b>Mitigation Measure 3.9-2c. SR 221-Soscol Ferry Road/SR 29.</b> Implement Mitigation Measure 3.9-1c, above.	Before issuance of building permits	County		
<b>Mitigation Measure 3.9-2d. Soscol Avenue/Silverado Trail.</b> The County will pay its proportional share of 7.5% for Phase 1 trips and an additional 1.5% for Phase 2 trips to the City towards the planned future improvements at Soscol Avenue/Silverado Trail. These improvements are described in the City’s General Plan to include widening as necessary on southbound Silverado Trail to provide a second left-turn lane together with the right-turn lane. These improvements are anticipated to be implemented by the City, and would be funded through developer fees and proportional share contributions together with other City funding sources. With implementation of the improvements, this intersection would operate at an acceptable LOS under future plus project conditions, based on the City’s standards.	Before issuance of building permits	County		

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<p><b>Mitigation Measure 3.9-2e. SR 221/Magnolia Drive-College Way.</b> At the time the County approves development plans for construction of 366 beds, the County will construct an exclusive left-turn lane to the westbound approach at the SR 221/Magnolia Drive-College Way intersection. There is sufficient right-of-way available for this lane. Additionally, a right-turn overlap phase will be provided between the southbound right turn and eastbound left turn at the intersection of SR 229/Magnolia Drive-College Way. With the added lane and right-turn overlap in place, delay at this intersection would be reduced to levels below existing conditions.</p>	When County approves development plans for the construction of 366 beds	County		
<p><b>Mitigation Measure 3.9-2f. SR 221/Kaiser Road.</b> The County will fund its proportional share of 2.4% for Phase 1 trips and an additional 0.5% for Phase 2 trips towards improvements which include constructing either an additional northbound left-turn lane or extending the existing left-turn lane to 500 feet, installing an additional through lane both northbound and southbound, providing free right-turn movements for the southbound and eastbound approaches, and constructing an additional eastbound left-turn lane.</p>	Before issuance of building permits	County		
<p><b>Mitigation Measure 3.9-3. Construction Management Plan.</b> The County will prepare a construction TMP in consultation with the applicable transportation entities, including Caltrans for state roadway facilities and the City of Napa. The County will implement the construction TMP during project construction. The TMP will address the following, as needed:</p> <ul style="list-style-type: none"> <li>› scheduling for oversized material deliveries to the work site and haul routes, including flagging, scheduling off-peak deliveries, etc. ;</li> <li>› the cumulative effect of construction traffic with other concurrent, major construction projects nearby;</li> <li>› daily construction time windows during which construction traffic is restricted; and</li> <li>› other actions to be identified and developed as may be needed by the construction manager/resident engineer to ensure that temporary impacts on transportation facilities are minimized.</li> </ul> <p>The TMP will include an updated evaluation of current operational characteristics of the roadways. To minimize potential impacts, the TMP will restrict, to the extent feasible, peak-hour trips entering and exiting the project site to 50 peak hour passenger-car equivalents. The TMP would specify temporary mitigations as needed,</p>	Prepare TMP before issuance of building permits; implement all other measures during construction	County; construction contractor		

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including but not limited to temporary operational improvements or limiting the hours or amount of construction trips on affected roadway segments.				
<b>Mitigation Measure 3.9-4a. Construct Pedestrian Facilities Serving the Site and Connecting to Nearby Facilities.</b> The County will construct pedestrian and bicycle facilities connecting building entrances/parking areas to the nearby River-to-Ridge Trail at SR 221. New pedestrian and bicycle facilities constructed as part of this project will be paved, as will the portion of the River-to-Ridge Trail that connects to the project site.	Before issuance of building permits	County		
<b>Mitigation Measure 3.9-4b. Provide Transit Bus Stop and Associated Amenities on the Project Site.</b> The County will work with NCTPA to ensure transit service to the site prior to building occupancy. Also, to encourage transit usage by employees, visitors and inmates on work-furlough programs, the County will construct a transit stop on the project site within the parking area. The stop shall include amenities such as benches and a shelter. Upon implementation, the site would have transit connectivity to the region via the Soscol Gateway Transit Center.	Prior to occupancy permits	County		
<b>Mitigation Measure 3.9-5. Locate Project Driveway as near the Midpoint of Project Access as Feasible.</b> The project driveway will be located as near the midpoint of Project Access, the roadway connecting SR 221 to Basalt Road, as feasible.	During project construction and prior to issuance of occupancy permits	County		
<b>Mitigation Measure 3.9-7. Reconfigure the Intersection of Project Access and Basalt Road.</b> The intersection of Project Access and Basalt Road will be reconfigured to reduce the radius of the right turn from westbound Basalt Road to Project Access.	During project construction and prior to issuance of occupancy permits	County		
<b>Utilities and Service Systems</b>				
<b>Mitigation Measure 3.10-2. Coordinate with NSD to Fund and/or Implement I/I Projects to Reduce Wastewater Flow Throughout the System.</b> In accordance with the Board of Directors of NSD, under Resolution No. 11-025, the County will coordinate funding and/or implement I/I reduction projects to provide sufficient wastewater conveyance capacity to meet the demands of the project. Specifically, the County will	Before issuance of building permits	County		

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contribute funding to Basin L – I/I Reduction Projects (project 1, 2, 3, and/or 4) and/or Basin I/J – I/I Reduction Project 1 as identified in Resolution No. 11-025. The level of funding will be determined in consultation between the County and NSD, at a 2:1 (improvements to impacts) ratio. All necessary agreements between the County and NSD, and all LAFCO actions will be completed before the start of construction of the proposed project.				
<b>Biological Resources</b>				
<p><b>Mitigation Measure BIO-2: Bat Roosts.</b> Surveys for roosting bats on the project site will be conducted by a qualified biologist. Surveys will consist of a daytime pedestrian survey looking for evidence of bat use (e.g., guano) and/or an evening emergence survey to note the presence or absence of bats. The type of survey will depend on the condition of the buildings. If no bat roosts are found, then no further study is required. If evidence of bat use is observed, the number and species of bats using the roost will be determined.</p> <p>If bat roosts are determined to be present in buildings to be removed or disturbed, the bats will be excluded from the roosting site before the activity. A program addressing compensation, exclusion methods, and roost removal procedures will be developed in consultation with CDFW before implementation. Exclusion methods may include use of one-way doors at roost entrances (bats may leave but not reenter), or sealing roost entrances when the site can be confirmed to contain no bats. Exclusion efforts may be restricted during periods of sensitive activity (e.g., during hibernation or while females in maternity colonies are nursing young). The loss of each roost (if any) will be replaced in consultation with CDFW and may include construction and installation of bat boxes suitable to the bat species and colony size excluded from the original roosting site. Roost replacement will be implemented before bats are excluded from the original roost sites. Once the replacement roosts are constructed and it is confirmed that bats are not present in the original roost site, the structures may be removed or sealed.</p>	Before demolition of any structure	County		
<p><b>Mitigation Measure BIO-2: Nesting Raptors.</b></p> <p>› If construction activities would occur between February 15 and August 31 (typically nesting season), a qualified biologist will conduct preconstruction surveys for nesting raptors to identify active nests on and within legally accessible or visible suitable habitat within 300 feet of area that would be</p>	Before issuance of grading permits	County		

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<p>disturbed by project activities. The surveys will be conducted no more than 30 days before the beginning of construction activities that could remove nesting structures or otherwise disturb nesting raptors.</p> <p>› If active nests are found, impacts on nesting raptors will be avoided by establishing a 300-foot buffer around the nests. No development activity will commence within the buffer area until a qualified biologist confirms that any young have fledged and the nest is no longer active. The size of the buffer may be adjusted if a qualified biologist, in consultation with CDFW, determines that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist will be required if the activity has potential to adversely affect the nest.</p>				
<p><b>Mitigation Measure BIO-3: Wetlands and Other Federally Protected Waters.</b></p> <p>› The County will have a reconnaissance survey conducted of the Boca parcel if this site is selected for development. If potential wetlands are present within the project area, a wetland delineation report will be prepared and submitted to USACE. Based on the jurisdictional determination, the County will determine the exact acreage of waters of the U.S. and waters of the state would be filled as a result of project implementation.</p> <p>› The County will obtain a USACE Section 404 permit and RWQCB Section 401 certification before any groundbreaking activity within 50 feet of or discharge of fill or dredge material into any water of the U.S. The County will implement all permit conditions. The County may qualify for a Section 404 Nationwide Permit (NWP) for this project under NWP 39 for commercial and institutional developments if the discharge will not cause the loss of greater than 0.5-acre of non-tidal waters of the United States, including the loss of no more than 300 linear feet of stream bed.</p> <p>› The County will commit to replace or restore on a “no net loss” basis (in accordance with USACE and/or RWQCB) the acreage and function of all wetlands and other waters that would be removed, lost, or degraded as a result of project implementation. Wetland habitat will be restored or replaced at an acreage and location and by methods agreeable to USACE and the San Francisco Bay RWQCB, as appropriate, depending on agency jurisdiction, and as determined during the Section 401 and Section 404 permitting processes.</p> <p>› The County will compensate for the permanent loss of riparian habitat through</p>	<p>Before issuance of grading permits</p>	<p>County</p>		

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<p>contribution to a CDFW-approved mitigation bank or through development of a Habitat Mitigation and Monitoring Plan (HMMP). On-site compensation may include a combination of riparian habitat restoration and preservation and enhancement of existing riparian habitat along the stream outside of the project impact area. The compensation habitat will be similar in composition and structure to the habitat to be removed and will be at ratios adequate to offset the loss of riparian habitat functions and services at the project site such that there would be no net loss of riparian habitat.</p> <ul style="list-style-type: none"> <li>› Prior to beginning construction that could affect the bed or bank of seasonal streams and riparian habitat, the County will provide written notification to CDFW describing the activity and including all required information as described under Section 1602 of the California Fish and Game Code, and pay the applicable notification fees. The County will submit the HMMP to CDFW for review.</li> <li>› The County will obtain a streambed alteration agreement from CDFW and conduct project construction activities in accordance with the agreement, including implementing reasonable measures to protect wildlife resources.</li> </ul>				
<b>Cultural Resources</b>				
<p><b>Mitigation Measure CUL-1.</b></p> <ul style="list-style-type: none"> <li>› In accordance with CEQA Subsection 15064.5(f), should any previously unknown historic or prehistoric resources, including but not limited to charcoal, obsidian or chert flakes, grinding bowls, shell fragments, bone, pockets of dark, friable solids, glass, metal, ceramics, wood or similar debris, be discovered during grading, trenching or other on-site excavation(s), earth work within 100-feet of these materials will be stopped until a professional archaeologist certified by the Registry of Professional Archaeologists (RPA) has had an opportunity to evaluate the significance of the find and suggest appropriate mitigation(s), as determined necessary.</li> <li>› In the event that paleontological resources are discovered, all construction activity will be halted within 10 feet of the discovery. Notification procedures provided during the preconstruction meeting(s) will be followed. The decision to conduct paleontological salvage operations will be determined by the paleontologist in consultation with County staff and project management. If deemed significant, the paleontological finds will be salvaged in accordance with</li> </ul>	<p>During construction when any historic or prehistoric resources, paleontological resources, or human remains are discovered</p>	<p>County; construction contractor</p>		

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Mitigation Measure	Implementation Schedule	Implementation Responsibility	Completion of Implementation	
			Action	Date Completed
<p>professional paleontological standards. This will include removal of identifiable paleontological remains, fossil preparation and subsequent curation of these remains at a recognized repository such as the University of California, Museum of Paleontology.</p> <p>› If human remains are encountered the Napa County Coroner will be informed to determine if an investigation of the cause of death is required and/or if the remains are of Native American origin. Pursuant to Public Resources Code Section 5097.98, if such remains are of Native American origin the nearest tribal relatives as determined by the State Native American Heritage Commission will be contacted to obtain recommendations for treating or removal of such remains, including grave goods, with appropriate dignity.</p> <p>› All persons working on-site will be bound by contract and instructed in the field to adhere to these provisions and restrictions.</p>				
<b>Geology and Soils</b>				
<p><b>Mitigation Measure GEO-1.</b> To lessen potential damage from strong or violent ground shaking from seismic hazards, prior to the issuance of permits for the construction of infrastructure and buildings, the County’s geotechnical engineer will prepare geotechnical reports incorporating the specific mitigation of seismic hazards pursuant to State law, as detailed in the California Building Code, and as required by the County of Napa to ensure that structures and infrastructure can withstand ground accelerations expected from seismic activity. The improvement plans will incorporate all design and construction criteria specific in the report(s). The geotechnical engineer will sign the improvement plans and approve them as conforming to their recommendations prior to approval. The project geotechnical engineer will provide geotechnical observations during the construction, which will allow the geotechnical engineer to compare the actual with the anticipated soil conditions and to check that the contractor’s work conforms to the geotechnical aspects of the plans and specifications. The geotechnical engineer of record will prepare letters and as-built documents, to be submitted to the County, to document their observances during construction and to document that the work performed is in accordance with the project plans and specifications.</p>	<p>Prepare geotechnical report before issuance of building permits; provide geotechnical observations and submit letters and as-built documents to County during construction</p>	<p>County; project geotechnical engineer</p>		