

# Mitigation Monitoring Checklist

## Brush Creek Minor Subdivision

### 2210 Brush Creek Road

| Air Quality (AQ)<br>Mitigation Measure  | Implementing<br>Procedure  | Monitoring<br>Responsibility  | Monitoring<br>Schedule   | Verification |
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| <p>AQ-1: The project is required to Implement Bay Area Air Quality Management District construction management standards during all on-and-off site construction activities.</p> <ol style="list-style-type: none"> <li>1. Water all active construction areas at least twice daily and more often during windy periods to prevent visible dust from leaving the site; active areas adjacent to windy periods; active areas adjacent to existing land uses shall be kept damp at all times or shall be treated with non-toxic stabilizers or dust palliatives.</li> <li>2. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard.</li> <li>3. Install wheel washers for all existing trucks, or wash off the tires or tracks of all trucks and equipment before leaving the site.</li> <li>4. Pave, apply water at least three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas</li> <li>5. Sweep daily (or more often if necessary) to prevent visible dust from leaving the site (preferably with water sweepers) all paved access roads, parking areas, and staging areas at construction sites; water sweepers shall vacuum up excess water to avoid runoff-related impacts to water quality.</li> </ol> | <p>Incorporate into project design and print on construction documents.</p> <p>On-site observation</p> | <p>Santa Rosa Planning and Building Department</p> <p>Project Applicant</p> <p>Contractor</p> | <p>Prior to issuance of a grading permit.</p> <p>Ongoing throughout project construction</p> |              |

| 6. Sweep streets daily, or more often if necessary (preferably with water sweepers) if visible soil material is carried onto adjacent public streets.  |   |   |  |                     |
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| <b>Biological Resources (BIO)<br/>Mitigation Measure</b>   | <b>Implementing<br/>Procedure</b>   | <b>Monitoring<br/>Responsibility</b>  | <b>Monitoring<br/>Schedule</b>   | <b>Verification</b> |
| <p>BIO-1:</p> <ol style="list-style-type: none"> <li>1. All construction activities should be performed outside the migratory nesting season between September 1 and January 31 to avoid significant impact Proposed project activities shall not occur during nesting season, February 1 through August 31.</li> <li>2. If work must be performed during nesting season, a pre-construction nesting bird survey should be performed in all areas within 250 feet of proposed activities.</li> <li>3. If nests are found, an appropriately sized no-disturbance buffer should be placed around the nest directed by the qualified biologist conducting the survey. Buffers should remain in place until all young have fledged, or the biologist has confirmed that the nest has been naturally predated.</li> </ol> | <p>Conduct a pre-construction nesting bird survey by a qualified biologist if construction would occur during bird nesting season.</p> <p>The City shall be provided with the resume of the qualified biologist demonstrating nesting bird survey and detection experience.</p> <p>The qualified biologist shall have minimum of 2 years for experience implementing the CDFW 2012 survey methodology resulting in detections.</p> <p>If necessary, establish a protection buffer zone.</p> | <p>Santa Rosa Planning and Building Department</p> <p>Project Applicant Contractor</p> <p>Qualified Biologist</p> | <p>Prior to construction activities</p> <p>Ongoing throughout project construction</p> |                     |

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| BIO-2:   | <p>4. Prior to activities in areas where bat roosts may be present, a qualified bat biologist shall perform a pre-construction roost survey (dusk emergence survey) no more than 10 days prior to the start of activities with potential to disturb bats or their habitat during the maternity season between April and September to avoid potential impacts to active maternity sties and/or pregnant females.</p> <p>5. If no maternity roost is found, any felled trees should be left overnight prior to removal from the site or on-site chipping to allow any solitary bats to exit the roost.</p> | <p>Conduct a pre-construction dusk emergence survey by a qualified bat biologist if construction would occur during maternity season.</p> <p>The City shall be provided with the resume of the qualified biologist demonstrating roosting bat survey and detection experience</p> <p>If necessary, establish a protection buffer zone.</p> <p>If no maternity roost is found, any felled trees should be left overnight prior to removal.</p> | <p>Santa Rosa Planning and Building Department</p> <p>Project Applicant Contractor</p> <p>Qualified Bat Biologist</p> | <p>Prior to construction activities</p> <p>Ongoing throughout project construction</p> |                     |
| <b>CULTURAL RESOURCES (CUL)<br/>Mitigation Measure</b> |  | <b>Implementing Procedure</b>   | <b>Monitoring Responsibility</b>  | <b>Monitoring Schedule</b>   | <b>Verification</b> |
| CUL-1:   | <p>Unanticipated subsurface archaeological finds in the Sonoma County are common; indeed, the proximity to Rincon Creek suggests the project area may have been favorable to human acitivity. Therefore, the following recommendations are provided as mitigation to ensure that cultural resources are not adversely affected by the</p>  | <p>Incorporate into project design and print on construction documents</p>  | <p>Santa Rosa Planning and Building Department</p>  | <p>Prior to issuance of a demolition and/or grading permit.</p>                        |                     |

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| <p>proposed project. The project as presently designed is not expected to have an adverse effect on cultural resources. The project should be allowed to proceed given the following recommendations.</p> <ol style="list-style-type: none"> <li>1. Unanticipated Discovery of Cultural Resources- If previously unidentified cultural resources are encountered during project implementation, avoid altering the materials and their stratigraphic context. A qualified professional archaeologist should be contacted to evaluate the situation. Project personnel should not collect cultural resources. Prehistoric resources include, but are not limited to, chert or obsidian flakes, projectile points, mortars, pestles, and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic resources include stone or abode foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.</li> <li>2. Tribal monitoring shall be instituted for ground-disturbing activities associated with the project's Area of Potential Effect (APE). Monitoring shall be performed by a Federated Indians of Graton Rancheria (FIGR) tribal monitor. The tribal monitor will consist of monitoring the excavation, grading, trenching and other earth-moving processes. In the event cultural resources are discovered during grading or other construction activities, work shall immediately be halted within the vicinity of the find. The Northwest Information Center shall be notified. A qualified archeologist shall be consulted for an on-site evaluation. Additional mitigation may be required by the City per the Archeologist's recommendations.</li> </ol> | <p>Conduct a preconstruction meeting with key construction personal.</p> <p>On-site observation.</p> | <p>Project Applicant</p> <p>Contractor</p> <p>Qualified Archaeologist</p> <p>Native American Heritage Commission</p> | <p>During ground disturbance activities.</p> |  |
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| <p>CUL-2: Encountering Native American Remains- Although unlikely, if human remains are encountered, all work must stop in the immediate vicinity of the discovered remains and the County Coroner and a qualified archaeologist must be notified immediately so that an evaluation can be performed. If the remains are deemed to be Native American and prehistoric, the Native American Heritage Commission must be contacted by the Coroner so that a “Most Likely Descendant” can be designated and further recommendations regarding treatment of the remains is provided.</p> | <p>Incorporate into project design and print on construction documents</p> <p>Conduct a preconstruction meeting with key construction personal.</p> <p>On-site observation.</p> | <p>Santa Rosa Planning and Building Department</p> <p>Project Applicant</p> <p>Contractor</p> <p>Qualified Archaeologist</p> <p>Native American Heritage Commission</p> <p>Most likely Descendants</p> <p>County Coroner</p> | <p>Prior to issuance of a demolition and/or grading permit.</p> <p>During ground disturbance activities.</p> |                            |
| <p><b>GEOLOGY AND SOILS (GEO)<br/>Mitigation Measure</b></p>   | <p><b>Implementing Procedure</b></p>  | <p><b>Monitoring Responsibility</b></p>  | <p><b>Monitoring Schedule</b></p>  | <p><b>Verification</b></p> |
| <p>GEO-1: All applicable recommendations in the Geotechnical Investigation Report (PJC &amp; Associates) prepared for the subject property, including, but not limited to grading, drainage, excavation, trenching, foundations systems, and compaction specifications shall be incorporated. Final grading plan, construction plans, and building plans shall demonstrate that recommendations set forth in the Geotechnical reports have been incorporated into the design of the project and to the satisfaction of the City of Santa Rosa’s City Engineer,</p>                   | <p>Incorporate into project design and print on construction documents</p>  | <p>City of Santa Rosa Engineering Division</p> <p>Project Applicant</p> <p>Geotechnical Consultant</p>   | <p>Prior to issuance of grading permit.</p>  |                            |