

**CITY OF SANTA ROSA, TRANSPORTATION AND PUBLIC WORKS DEPARTMENT  
LOS ALAMOS TRUNK SEWER REPLACEMENT PROJECT  
INITIAL STUDY/MITIGATED NEGATIVE DECLARATION**

**APPENDIX B**

**RESPONSE TO COMMENTS  
APRIL 2018**

**CITY OF SANTA ROSA, SONOMA COUNTY, CALIFORNIA**

**Public Review Period: February 28, 2018, to March 30, 2018  
SCH# 2018032002**

**PUBLIC REVIEW PROCESS**

The Initial Study/Mitigated Negative Declaration for the Los Alamos Trunk Sewer Replacement Project was completed on February 28, 2018, and a Notice of Intent to Adopt a Mitigated Negative Declaration (Notice) was circulated, providing for a 30-day public review period beginning February 28, 2018, and extending through March 30, 2018. The notification process used to commence the public review period included the following actions:

- The Notice was posted at the Sonoma County Clerk on February 28, 2018
- The Notice was mailed to surrounding property owners on February 28, 2018
- The Notice was published in *The Press Democrat* on March 13, 2018
- The Notice was posted on the City's website

Additionally, copies of the Initial Study/Mitigated Negative Declaration were provided for public review at the Transportation and Public Work's office and website.

**TRIBAL RESOURCES CONSULTATION**

In July 2015, AB 52 went into effect requiring that California Native American tribal cultural resources be considered during the CEQA process. AB 52 requires additional consultation with Native American tribal governments that may have tribal cultural resources or knowledge of tribal cultural resources in a project area. CEQA requires that Native American tribes in the project vicinity be provide with the opportunity to comment on CEQA documents and enter into consultation with the Lead Agency.

Initial Native American outreach was conducted by Tom Origer & Associates during development of the cultural resources report for the project. An AB52 request for consultation and the cultural resources report was delivered to the following Native American tribes on November 9, 2017, based on the contacts identified by Tom Origer & Associates during development of the cultural resources report:

- Federated Indians of Graton Rancheria
- Kashia Band of Pomo Indians of Stewarts Point
- Lytton Rancheria of California
- Middletown Rancheria of Pomo Indians of California

- Mishewal-Wappo Tribe of Alexander Valley.

### **STATE CLEARINGHOUSE REVIEW**

Fifteen copies of the Initial Study/Mitigated Negative Declaration were transmitted to the State Office of Planning and Research (State Clearinghouse). The submittal of these materials commenced a 30-day state agency review period that extended from March 1, 2018, to March 30, 2018. The State Clearinghouse Number assigned to the project is: SCH# 2018032002. The purpose of the State review period is to allow any state agencies that might have an interest in this project to provide comments to the City. The Clearinghouse distributed copies to the following agencies: Air Resources Board, Transportation Projects; State Water Resources Control Board, Division of Water Quality; Resources Agency; CalFire; Department of Fish and Wildlife, Region 3; Department of Parks and Recreation; Office of Historic Preservation; Department of Water Resources; California Highway Patrol; Caltrans, District 4; Regional Water Quality Control Board, Region 1; and, Native American Heritage Commission.

As of April 2, 2018, the State Clearinghouse has not received any comments. The official State Clearinghouse closing letter was received April 2, 2017 and is attached.

### **MITIGATION MONITORING AND REPORTING PLAN**

Pursuant to Section 21081.6 of Title 14 of the California Code of Regulations and the State CEQA Guidelines, the mitigation measures listed in the Mitigation Monitoring and Reporting Plan (MMRP) are to be implemented as part of the proposed project. The MMRP identifies the time at which each mitigation measure is to be implemented and the person or entity responsible for implementation. A draft MMRP was included in the Initial Study/Mitigated Negative Declaration and circulated for public review. Minor revisions to the draft MMRP were required based on an emailed comment received from the Regional Water Quality Control Board.

### **COMMENTS RECEIVED**

No comments from the public were received during the 30-day comment period.

A comment was emailed by Paul Nelson of the Regional Water Quality Control Board directly to the City. The comment and its response follow. We conclude that the issues raised by the Regional Board do not raise any new potentially significant impacts that were not described in the Initial Study/Mitigated Negative Declaration that was circulated for public review. Minor revision to the Initial Study and the MMRP are attached to address the Regional Board's comments.

Brenda Tomaras responded on behalf of the Lytton Rancheria of California on December 17, 2017, by voice message that Lytton Rancheria concurred with standard mitigations for the Segment 1 and requested notification of future segments. The Federated Indians of Graton Rancheria Tribal Historic Preservation Officer, Buffy McQuillen, responded by email on December 21, 2017, indicating that the Tribe had received the notification and would review the project within ten days. No further contact has been received to date.

### **REVISIONS TO THE INITIAL STUDY AND MMRP**

Attached.

**COMMENTS RECEIVED**



EDMUND G. BROWN JR.  
GOVERNOR

STATE OF CALIFORNIA  
GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH



KEN ALEX  
DIRECTOR

April 2, 2018

Andy Wilt  
City of Santa Rosa  
69 Stony Circle  
Santa Rosa, CA 95401

Subject: Los Alamos Trunk Sewer Replacement Project  
SCH#: 2018032002

Dear Andy Wilt:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. The review period closed on March 30, 2018, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Scott Morgan  
Director, State Clearinghouse

**Document Details Report  
State Clearinghouse Data Base**

**SCH#** 2018032002  
**Project Title** Los Alamos Trunk Sewer Replacement Project  
**Lead Agency** Santa Rosa, City of

**Type** MND Mitigated Negative Declaration  
**Description** The city of Santa Rosa is proposing to replace the existing Los Alamos trunk sewer, identified as essential to meeting future city demands by the 2014 Master Sewer Plan Update. The Los Alamos trunk sewer will be reconstructed within existing public ROW roads or pathways. Portions of the new trunk sewer will be mostly realigned into the public ROW where the existing trunk sewer is currently inaccessible for maintenance on private property.

**Lead Agency Contact**

**Name** Andy Wilt  
**Agency** City of Santa Rosa  
**Phone** (707) 543-4519 **Fax**  
**email**  
**Address** 69 Stony Circle  
**City** Santa Rosa **State** CA **Zip** 95401

**Project Location**

**County** Sonoma  
**City** Santa Rosa  
**Region**  
**Lat / Long** 38° 27' N / 122° 40' W  
**Cross Streets** Varies  
**Parcel No.** varies  
**Township** **Range** **Section** **Base** Rancho

**Proximity to:**

**Highways** 12  
**Airports**  
**Railways**  
**Waterways** Santa Rosa Creek  
**Schools** Rincon Valley  
**Land Use** varies, primarily in public ROW

**Project Issues** Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Coastal Zone; Cumulative Effects; Drainage/Absorption; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Growth Inducing; Landuse; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Septic System; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Water Supply; Wetland/Riparian

**Reviewing Agencies** Resources Agency; Department of Fish and Wildlife, Region 3; Cal Fire; Department of Parks and Recreation; Office of Historic Preservation; Department of Water Resources; California Highway Patrol; Caltrans, District 4; Air Resources Board, Transportation Projects; State Water Resources Control Board, Division of Water Quality; Regional Water Quality Control Board, Region 1; Native American Heritage Commission

**Date Received** 03/01/2018 **Start of Review** 03/01/2018 **End of Review** 03/30/2018

## Justin Witt

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**From:** THPO@gratonrancheria.com  
**Sent:** Thursday, December 21, 2017 3:10 PM  
**To:** Justin Witt  
**Subject:** Los Alamos Trunk Sewer Replacement Project, Santa Rosa, Sonoma County

Dear Justin Witt,

Thank you for notifying the Federated Indians of Graton Rancheria about Los Alamos Trunk Sewer Replacement Project, Santa Rosa, Sonoma County, a project within the Tribe's Ancestral Territory. We appreciate being notified and will review your project within 10 business days. If you have an immediate request please contact the Tribal Heritage Preservation Office for assistance by phone at (707) 566-2288 or by email at [thpo@gratonrancheria.com](mailto:thpo@gratonrancheria.com).

Sincerely,  
Buffy McQuillen  
Tribal Heritage Preservation Officer (THPO)  
Native American Graves Protection and Repatriation Act (NAGPRA)  
Office: 707.566.2288; ext. 137  
Cell: 707.318.0485  
FAX: 707.566.2291

**Antonette Tomic**  
THPO Administrative Assistant  
**Federated Indians of Graton Rancheria**  
6400 Redwood Drive, Suite 300  
Rohnert Park, CA 94928  
Office: 707.566.2288, ext. 143  
Fax: 707.566.2291  
[atomic@gratonrancheria.com](mailto:atomic@gratonrancheria.com)



please consider our environment before printing this email.

**Federated Indians of Graton Rancheria and Tribal TANF of Sonoma & Marin - Proprietary and Confidential**

**CONFIDENTIALITY NOTICE:** This transmittal is a confidential communication or may otherwise be privileged. If you are not the intended recipient, you are hereby notified that you have received this transmittal in error and that any review, dissemination, distribution or copying of this transmittal is strictly prohibited. If you have received this communication in error, please notify this office at 707-566-2288, and immediately delete this message and all its attachments, if any. Thank you.

## Justin Witt

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**From:** Wilt, Andrew <[awilt@srcity.org](mailto:awilt@srcity.org)>  
**Sent:** Thursday, March 22, 2018 9:51 AM  
**To:** Ben Bryant; Penry, Cy; Justin Witt  
**Subject:** RE: Los Alamos Trunk Replacement

Ben, I should have mentioned in my email below for you to notice that the original email from Paul (at the bottom of this email chain) was in response to the Initial Study.

**Andrew Wilt | Associate Civil Engineer**

Capital Projects Engineering | 69 Stony Circle | Santa Rosa, CA 95401

Tel. (707) 543-4519 | Fax (707) 543-4281 | [awilt@srcity.org](mailto:awilt@srcity.org)



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**From:** Wilt, Andrew  
**Sent:** Thursday, March 22, 2018 9:47 AM  
**To:** Ben Bryant <[bryant@brce.com](mailto:bryant@brce.com)>; Penry, Cy <[CPenry@srcity.org](mailto:CPenry@srcity.org)>  
**Subject:** FW: Los Alamos Trunk Replacement

FYI

**Andrew Wilt | Associate Civil Engineer**

Capital Projects Engineering | 69 Stony Circle | Santa Rosa, CA 95401

Tel. (707) 543-4519 | Fax (707) 543-4281 | [awilt@srcity.org](mailto:awilt@srcity.org)



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**From:** Nelson, Paul@Waterboards [<mailto:Paul.Nelson@Waterboards.ca.gov>]  
**Sent:** Thursday, March 22, 2018 8:20 AM  
**To:** Wilt, Andrew <[awilt@srcity.org](mailto:awilt@srcity.org)>  
**Cc:** Hunt, Craig@Waterboards <[Craig.Hunt@waterboards.ca.gov](mailto:Craig.Hunt@waterboards.ca.gov)>  
**Subject:** RE: Los Alamos Trunk Replacement

Hi Andy-

The sewer trunk intersect a groundwater plume associated with a site located at 4501 Sonoma Highway. The initial study mentions another contaminated site located at 5204 Montgomery Drive. I'm sure the final plans will contain a soil and groundwater management plan for handling and disposing of impacted soil and groundwater. Let me know if you have any questions.

Thanks,  
Paul

Paul Nelson, P.G., C.Hg.  
Engineering Geologist

Cleanup Programs

California Regional Water Quality Control Board, North Coast Region  
5550 Skylane Blvd, Suite A  
Santa Rosa, CA 95403  
Office: (707) 576-2686  
[paul.nelson@waterboards.ca.gov](mailto:paul.nelson@waterboards.ca.gov)



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**From:** Wilt, Andrew <[awilt@srcity.org](mailto:awilt@srcity.org)>  
**Sent:** Wednesday, March 14, 2018 12:23 PM  
**To:** Nelson, Paul@Waterboards <[Paul.Nelson@Waterboards.ca.gov](mailto:Paul.Nelson@Waterboards.ca.gov)>  
**Subject:** RE: Los Alamos Trunk Replacement

Hi Paul,  
I have attached a "Location Map" pdf that may not be detailed enough for this purpose.

For Phase 1 (of 4 phases) we have Draft 75% Plans (Not for Construction) that are not available to the general public yet, so please do not share them with the public. These plans are subject to change. I made them available to you at the following link:

[ftp://ftp.ci.santa-rosa.ca.us/pw\\_customer\\_service/LosAlamosToWaterBoard/](ftp://ftp.ci.santa-rosa.ca.us/pw_customer_service/LosAlamosToWaterBoard/)

Let me know if these will work for you. I could create some new pdf's at a different scale if that would help.

Thanks  
Andy

**Andrew Wilt | Associate Civil Engineer**  
Capital Projects Engineering | 69 Stony Circle | Santa Rosa, CA 95401  
Tel. (707) 543-4519 | Fax (707) 543-4281 | [awilt@srcity.org](mailto:awilt@srcity.org)



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**From:** Nelson, Paul@Waterboards [<mailto:Paul.Nelson@Waterboards.ca.gov>]  
**Sent:** Wednesday, March 14, 2018 10:35 AM  
**To:** Wilt, Andrew <[awilt@srcity.org](mailto:awilt@srcity.org)>  
**Subject:** Los Alamos Trunk Replacement

Hi Andy-  
I just reviewed the initial study for this project and noticed that there may be a couple of contaminated sites that would be intersected by the sewer line. The map, however, didn't copy so well. Can you send me the PDFs of the maps so I can take a closer look?

Thanks,  
Paul

Paul Nelson, P.G., C.Hg.  
Engineering Geologist

Cleanup Programs  
California Regional Water Quality Control Board, North Coast Region  
5550 Skylane Blvd, Suite A  
Santa Rosa, CA 95403  
Office: (707) 576-2686  
[paul.nelson@waterboards.ca.gov](mailto:paul.nelson@waterboards.ca.gov)



## **REVISIONS TO THE INITIAL STUDY**

- b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

**LSM** As indicated above, the project will not introduce new hazardous materials or hazardous materials handling. There is the potential for a fuel/oil spill during construction from construction vehicles and equipment. Mitigation Measure HM1 will reduce such impact to a less than significant level.

- c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

**NI** As indicated above, the project will not result in emissions or handling of hazardous materials.

- d. Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

**LSM** The proposed project is in the vicinity of several locations identified as having a leaking underground storage tanks by the State Water Resources Control Board GeoTracker system as shown on Figure 13. There is a leaking underground fuel tank site located at 4501 Sonoma Highway (Site T0609700734 on Figure 13) located approximately 500 feet north of the alignment that could result in contaminated groundwater being discovered during trenching activities associated with Segment 1. The project plans and specifications will include standards to manage contaminated groundwater and soils, should they be encountered. One Another site, T100006452 is located near enough to the Segment 4 alignment that contaminated groundwater could be encountered during construction. CEQA review at that time will require assessment of that site's records and development of specific strategies to handle contaminated groundwater or soils in that area. It is unlikely that the remainder of the project will experience contaminated soils associated with these sites. However, Mitigation Measure HM1 requires the contractor to cease work and contact the City in the event hazardous materials associated with the leaking underground fuel tank sites are discovered and consult with the Regional Board to develop a plan to dispose of the soils and ensure worker safety and protection of the environment.

- e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

**NI** There are no public use airports within two miles of the project area. The closest airport is the Sonoma County Airport located approximately 8 miles northwesterly of the project<sup>18</sup>. The project will not pose any increased risk to or from air traffic.

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<sup>18</sup> *Comprehensive Airport Land Use Plan for Sonoma County*. 2016. Airport Land Use Commission.

- f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

**NI** The project is not located in the vicinity of a private airstrip and is entirely within the developed area of Santa Rosa.

- g. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

**LSM** The project will not impair an adopted emergency response or evacuation plan. Portions of the project that will be constructed in public roadways will be required to maintain emergency access by Mitigation Measure TT1 contained in the Traffic and Transportation section of this document.

- h. Would the project expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

**NI** The likeliness of a wildland fire at the project site is generally low. The October 2017 Tubbs fire did burn near the project area. The project will not increase fire risk associated with existing or planned development in the project area. The project is generally located in a developed area.

## Cumulative Impacts

There are no adverse cumulative environmental impacts to or from hazards/hazardous materials resulting from implementation of the proposed project.

## Mitigation Measures

**HM1** The contractor shall be required to follow the provisions of § 5163 through 5167 of the General Industry Safety Orders (California Code of Regulations, Title 8) to protect the project area from being contaminated by accidental release of any hazardous materials. If hazardous materials are encountered during construction or occur as a result of an accidental spill, the contractor shall halt construction immediately, notify the City, and implement remediation in accordance with the project specifications and applicable requirements of the North Coast Regional Water Quality Control Board. Disposal of all hazardous materials shall be in compliance with current California hazardous waste disposal laws.

The contractor shall develop a plan for handling and disposing of potentially contaminated soils and groundwater adjacent to sites T0609700734 and T100006452 should contamination be discovered during construction.

In general, the Contractor shall maintain awareness of potential signs of soil and groundwater contamination throughout the project limits and shall notify the City immediately upon discovery of any potential soil or groundwater contamination.

The Contractor shall provide 40-hour OSH-HAZWOPER certified workers in the contaminated area and provide a field Site Safety Officer that is also an 8-hour OSHA-HAZWOPER Supervisor trained to directly oversee the contaminated materials removal and handling operation. All workers in this circumstance must have their initial and annual renewal refresher training, medical clearance and personal protection equipment in accordance with 8CCR Section 5192.

**FINAL MITIGATION MONITORING AND REPORTING PLAN**

# **APPENDIX A: MITIGATION MONITORING AND REPORTING PLAN**

## **Los Alamos Trunk Sewer Replacement April 2018**

Pursuant to Section 21081.6 of the State CEQA Guidelines<sup>1</sup>, the mitigation measures listed in this Mitigation Monitoring and Reporting Plan (MMRP) are to be implemented as part of the proposed project. The MMRP identifies the time at which each mitigation measure is to be implemented and the person or entity responsible for implementation. The initials of the designated responsible person will indicate completion of their portion of the mitigation measure. The City of Santa Rosa (City) project manager's signature on the Certification of Compliance will indicate complete implementation of the MMRP.

The mitigation measures included in the MMRP are considered conditions of approval of the proposed project. The City agrees to implement the mitigation measures proposed in the MMRP. Implementation of the mitigation measures included in the MMRP is expected to avoid, minimize, rectify, reduce, or compensate potentially significant impacts to a less than significant level.

### **TIME OF IMPLEMENTATION**

Project Design: The mitigation measure will be incorporated into the project design and/or included in the project specifications and contract special provisions prior to issuing final permits.

Pre-construction: The mitigation measure will be implemented prior to project construction.

Construction: The mitigation measure will be implemented during construction.

### **RESPONSIBLE PERSONS AND DEPARTMENTS**

The City as Lead Agency will be responsible for the overall implementation of the MMRP. The City's project manager will oversee the project's compliance with the MMRP. The City's project manager will sign off on the mitigation measures included in the MMRP. Periodically, other City staff, consultants or regulatory agencies will be involved in the implementation of specific mitigation measures. In these instances, the staff, department, or agency will be identified in the MMRP.

### **CERTIFICATION OF COMPLIANCE**

The City will be responsible for providing signatures on the Certification of Compliance. The Certification of Compliance is a double-check to ensure that the MMRP was fully implemented.

### **RECORD KEEPING**

The City's project manager will maintain the records of the MMRP. When the MMRP is fully implemented, the original signed copy will be maintained by the City.

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<sup>1</sup> California Code of Regulations Title 14.

**CERTIFICATION OF COMPLIANCE**

Complete the Certification of Compliance after mitigation measures have all been initialed. Use this Certification of Compliance to ensure the full implementation of each mitigation measure.

**Project Design**

The City’s project manager has reviewed the project design, the plans, and the contract special provisions to verify that designated mitigation measures have been incorporated.

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*Signature & title* *Date*

**Pre-construction**

The City’s project manager has verified that designated mitigation measures were implemented prior to construction.

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*Signature & title* *Date*

**Construction**

The City’s project manager has verified that designated mitigation measures were implemented during construction.

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*Signature & title* *Date*

**AIR QUALITY**

**AQ1** *The following Feasible Control Measures, as described by the Bay Area Air Quality Management District, shall be implemented during construction to minimize fugitive dust and emissions:*

- *All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.*
- *All haul trucks transporting soil, sand, or other loose material off-site shall be covered.*
- *All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.*
- *All vehicle speeds on unpaved roads shall be limited to 15 mph.*
- *All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible.*
- *Idling times shall 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 California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.*
- *All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.*
- *Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.*

**Implementation & Monitoring**

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction: The City's project manager or City grading inspector and building inspector(s) shall ensure that Mitigation Measure AQ1 is being complied with during construction. Failure to comply shall result in issuance of a stop work order until corrective action has been taken.

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*Initials* *Date*

## BIOLOGICAL RESOURCES

**BIO1** *Special-Status and Non-Status Nesting Birds: The following measures shall be implemented to avoid impacts to white-tailed kite, Vaux's swift, yellow warbler, yellow-breasted chat, oak titmouse, Allen's hummingbird, Nuttall's woodpecker, and other nesting birds protected by the MBTA and CFGC:*

- *If ground disturbance or vegetation removal is initiated in the non-breeding season (September 1 through January 31), no pre-construction surveys for nesting birds are required and no adverse impact to birds would result.*
- *If ground disturbance or removal of vegetation occurs in the breeding bird season (February 1 through August 31), pre-construction surveys shall be performed by a qualified biologist no more than 14 days prior to commencement of such activities to determine the presence and location of nesting bird species. If active nests are present, temporary no-work buffers shall be placed around active nests to prevent adverse impacts to nesting birds. Appropriate buffer distance shall be determined by a qualified biologist and is dependent on species, surrounding vegetation, and topography. Once active nests become inactive, such as when young fledge the nest or the nest is subject to predation, work shall continue in the buffer area and no adverse impact to birds will result.*

### Implementation & Monitoring

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Pre-construction: The City's project manager shall ensure that Mitigation Measure BIO1 is being complied with prior to construction. Failure to comply shall result in inspections or issuance of a stop work order until corrective action is taken to comply.

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*Initials* *Date*

**BIO2** *Special-Status Bat Species: The following measures shall be implemented to avoid impacts to special-status bat species:*

- *Pre-construction roost assessment survey: A qualified biologist shall conduct a roost assessment survey of trees located within the project area. The survey will assess use of the trees and cavities for roosting as well as potential presence of bats. If the biologist finds no evidence of, or potential to support bat roosting, no further measures are recommended. If evidence of bat roosting is present, additional measures described below shall be implemented:*
- *Work activities outside the maternity roosting season: If evidence of bat roosting is discovered during the pre-construction roost assessment and tree removal is planned August 1 through February 28 (outside the bat maternity roosting season), a qualified biologist shall implement passive exclusion measures to prevent bats from re-entering the tree cavities. After sufficient time to allow bats to escape and a follow-up survey to determine if bats have vacated the roost, tree removal may continue and impacts to special-status bat species will be avoided.*
- *Work activities during the maternity roosting season: If a pre-construction roost assessment discovers evidence of bat roosting in the trees during the maternity roosting season (March 1 through July 31), and determines maternity roosting bats are present, removal of maternity roost trees shall be avoided during the maternity roosting season or until a qualified biologist determines the roost has been vacated.*

**Implementation & Monitoring**

Project Design: The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Pre-construction: The City’s project manager shall ensure that Mitigation Measure BIO2 is being complied with prior to construction. Failure to comply shall result in inspections or issuance of a stop work order until corrective action is taken to comply.

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*Initials* *Date*

**BIO3** *Western Pond Turtle: To avoid impacts to western pond turtle through accidental entrapment and/or injury, all open trenches created through project activities shall be covered during non-work hours.*

**Implementation & Monitoring**

Project Design: The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Pre-construction: The City’s project manager shall ensure that Mitigation Measure BIO3 is being complied with prior to construction. Failure to comply shall result in inspections or issuance of a stop work order until corrective action is taken to comply.

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*Initials* *Date*

**BIO4** *An arborist shall be on-site for earth moving activities in special trenching zones identified in the project plans and specifications with the goal of minimizing impacts to roots in those zones to retain the trees. If, in the arborist's opinion, the tree would be compromised by the construction activities, the tree shall be removed and mitigated for per the City's tree ordinance.*

*A tree removal permit will be required for any alteration, removal or relocation of heritage or protected trees. The City of Santa Rosa may require replacement plantings as a condition of approval in order to mitigate for the loss of functions provided by trees to be removed including shade, erosion control, groundwater replenishment, visual screening, and wildlife habitat.*

### **Implementation & Monitoring**

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials*

*Date*

Pre-construction: The City's project manager shall ensure that Mitigation Measure BIO4 is being complied with during construction. Failure to comply shall result in inspections or issuance of a stop work order until corrective action is taken to comply.

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*Initials*

*Date*

## CULTURAL RESOURCES

**CR1** *The project plans and specifications shall provide that in the event prehistoric-era or historic-era archaeological site indicators are unearthed during the course of grading, excavation and/or trenching, all ground disturbing work in the vicinity of the discovery shall cease and all exposed materials shall be left in place. Prehistoric-era archaeological site indicators could include chipped chert and obsidian tools and tool manufacture waste flakes, grinding implements such as mortars and pestles, and locally darkened soil containing the previously mentioned items as well as fire altered stone and dietary debris such as bone and shellfish fragments. Historic-era archaeological site indicators could include items of ceramic, glass and metal, and features such as structural ruins, wells and pits containing such artifacts. After cessation of excavation, the contractor shall immediately contact the City. The City shall contact a qualified professional archaeologist immediately after the find. Such archaeologist shall conduct an evaluation of significance of the site, and assess the necessity for mitigation. The contractor shall not resume construction activities until authorization to proceed is received from the City.*

### Implementation & Monitoring

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals. City shall confirm that tribal consultation has resulted in the required monitoring plan.

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Initials

Date

Construction: The City's project manager will verify that the mitigation measure is implemented during construction through routine inspections of during ground disturbing work. Failure to comply shall result in issuance of a stop work order until corrective action is taken.

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Initials

Date

**CR2** *The project plans and specifications shall provide that in the event paleontological site indicators are unearthed during the course of grading, excavation and/or trenching, all ground disturbing work in the vicinity of the discovery shall cease and all exposed materials shall be left in place. After cessation of excavation, the contractor shall immediately contact the City. The City shall contact a qualified professional geologist or paleontologist immediately after the find. Such consultant shall conduct an evaluation of significance of the site, and assess the necessity for mitigation. The contractor shall not resume construction activities until authorization to proceed is received from the City.*

### Implementation & Monitoring

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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Initials

Date

Construction: The City's project manager will verify that the mitigation measure is implemented during construction through routine inspections of during ground disturbing work. Failure to comply shall result in issuance of a stop work order until corrective action is taken.

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Initials

Date

**CR3** *If human remains are encountered during grading, excavation or trenching, all construction activity shall cease and the contractor shall immediately contact the City and the Sonoma County Coroner's Office. If the remains are determined by the Coroner's Office to be of Native American origin, the Native American Heritage Commission shall be contacted and the procedures outlined in CEQA §15064.5 (d) and (e) shall be implemented by the City or its designee.*

**Implementation & Monitoring**

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction: The City's project manager will ensure that required measures are followed in the event of discovery of human remains.

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*Initials* *Date*

**GEOLOGY AND SOILS**

**GSI**      *The City shall prepare an erosion control plan for the project. Appropriate BMPs will be implemented by the project to minimize construction-related erosion and runoff. BMPs include, but are not limited to:*

- *Schedule construction activities during dry weather. Keep grading operations to a minimum during the rainy season (October 15 through April 15).*
- *Protect and establish vegetation.*
- *Stabilize construction entrances and exits to prevent tracking onto roadways.*
- *Protect exposed slopes from erosion through preventative measures. Cover the slopes to avoid contact with storm water by hydroseeding, applying mulch or using plastic sheeting.*
- *Install straw wattles and silt fences on contour to prevent concentrated flow. Straw wattles should be buried 3 to 4 inches into the soil, staked every 4 feet, and limited to use on slopes that are no steeper than 3 units horizontal to 1 unit vertical. Silt fences should be trenched 6 inches by 6 inches into the soil, staked every 6 feet, and placed 2 to 5 feet from any toe of slope.*
- *Designate a concrete washout area to avoid wash water from concrete tools or trucks from entering gutters, inlets or storm drains. Maintain washout area and dispose of concrete waste on a regular basis.*
- *Establish a vehicle storage, maintenance and refueling area to minimize the spread of oil, gas and engine fluids. Use oil pans under stationary vehicles.*
- *Protect drainage inlets from receiving polluted storm water through the use of filters such as fabrics, gravel bags or straw wattles.*
- *Check the weather forecast and be prepared for rain by having necessary materials onsite before the rainy season.*
- *Inspect all BMPs before and after a storm event. Maintain BMPs on a regular basis and replace as necessary.*

**Implementation & Monitoring**

Project Design:      The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction:      The City’s project manager or inspector(s) shall verify that the mitigation measure is implemented during construction periods and respond to any erosion issues.

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*Initials* *Date*

**HAZARDS/HAZARDOUS MATERIALS**

**HMI** *The contractor shall be required to follow the provisions of § 5163 through 5167 of the General Industry Safety Orders (California Code of Regulations, Title 8) to protect the project area from being contaminated by accidental release of any hazardous materials. If hazardous materials are encountered during construction or occur as a result of an accidental spill, the contractor shall halt construction immediately, notify the City, and implement remediation in accordance with the project specifications and applicable requirements of the North Coast Regional Water Quality Control Board. Disposal of all hazardous materials shall be in compliance with current California hazardous waste disposal laws.*

*The contractor shall develop a plan for handling and disposing of potentially contaminated soils and groundwater adjacent to sites T0609700734 and T100006452 should contamination be discovered during construction.*

*In general, the Contractor shall maintain awareness of potential signs of soil and groundwater contamination throughout the project limits and shall notify the City immediately upon discovery of any potential soil or groundwater contamination.*

*The Contractor shall provide 40-hour OSH-HAZWOPER certified workers in the contaminated area and provide a field Site Safety Officer that is also an 8-hour OSHA-HAZWOPER Supervisor trained to directly oversee the contaminated materials removal and handling operation. All workers in this circumstance must have their initial and annual renewal refresher training, medical clearance and personal protection equipment in accordance with 8CCR Section 5192.*

**Implementation & Monitoring**

Project Design: The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction: The City’s project manager will verify that the mitigation measure is incorporated into project construction, as appropriate.

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*Initials* *Date*

**NOISE**

**N1** *The following measures shall be implemented at the construction site to reduce the effects of construction noise on adjacent residences:*

- *Noise-generating activities at the construction site or in areas adjacent to the construction site associated with the project in any way shall generally be restricted to the hours of 7:00 a.m. to 7:00 p.m., or as allowed by City code. Except as noted below, any work outside of these hours should require a special permit from the City Engineer. There should be a compelling reasons for permitting construction outside the designated hours.*
- *Night work associated with construction along Mission Circle and at the Mission Boulevard and Mission Circle intersection may be required to facilitate traffic flow in that area. If nighttime construction is required, the City shall provide notice to all residences within 500 feet of the construction activities at least 48 hours prior to commencing construction. The notice shall include the contact information for the City's noise disturbance coordinator (see below), and the anticipated construction schedule.*
- *Equip all internal combustion engine driven equipment with intake and exhaust mufflers which are in good condition and appropriate for the equipment.*
- *Unnecessary idling of internal combustion engines shall be strictly prohibited.*
- *Staging of construction equipment and all stationary noise-generating construction equipment, such as air compressors and portable power generators, shall be staged as far as practical from existing sensitive noise receptors.*
- *Utilize "quiet" air compressors and other stationary noise sources where technology exists.*
- *Control noise from construction workers' radios to the point where radio noise is not audible at existing residences bordering the project site. No radios will be permitted during night work*

**Implementation & Monitoring**

Project Design: The City's project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction: The City's project manager or inspectors shall verify that the mitigation measure is implemented during construction periods and respond to any noise complaints.

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*Initials* *Date*

**TRAFFIC/TRANSPORTATION**

**TT1** *The contractor shall develop and submit an appropriate Traffic Control Plan (TCP) in accordance with the California Manual of Uniform Traffic Control Devices (MUTCD) for review and approval by the City for all sections of Segment 1 that impact traffic circulation. The TCP shall also include notifying adjacent businesses and residents of the construction schedule and when it will impact access. The TCP shall ensure thru traffic and temporary driveway access during periods where active construction is not taking place.*

**Implementation & Monitoring**

Project Design: The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Preconstruction: The City’s project manager shall review and approve the Traffic Control Plan prior to construction.

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*Initials* *Date*

Construction: The City’s project manager or inspectors shall verify that the mitigation measure is implemented during construction periods.

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*Initials* *Date*

**TT2** *The contractor shall provide advanced notice regarding timing, location and the duration of construction activities to local emergency responders. The contractor shall ensure emergency responders can access through construction areas in roadways at all times.*

**Implementation & Monitoring**

Project Design: The City’s project manager will verify that the mitigation measure is incorporated into the project design and included in the project documents prior to issuing final project approvals.

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*Initials* *Date*

Construction: The City’s project manager shall ensure appropriate notice is given and that emergency access is maintained.

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*Initials* *Date*

