

RESOLUTION NO. 116-16

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RICHMOND ADOPTING THE MITIGATED NEGATIVE DECLARATION (STATE CLEARINGHOUSE #2016102011 AND MITIGATION MONITORING AND REPORTING PROGRAM FOR THE CITY OF RICHMOND WWTP AND COLLECTION SYSTEM IMPROVEMENTS PROJECT(PLN16-552)

I. GENERAL FINDINGS

A. Introduction. The Water Resource Recovery Department has completed environmental review of wastewater treatment plant (WWTP) and collection system improvement projects that are planned for implementation within the next 10± years. The WWTP and collection system improvement projects (Project) were identified in the 2010 Sewer Collection System Master Plan, 2010 WWTP Master Plan, and 2016 WWTP Facility Plan (which is currently in progress). The Project would address sanitary sewer overflows, replace aging and unreliable infrastructure, comply with discharge regulations, improve plant safety, and upgrade or replace non-functioning or obsolete treatment processes with efficient, adaptable, and reliable systems.

B. Environmental Review Process. As required by the California Environmental Quality Act (CEQA) Guidelines, the Project is subject to environmental review. In October 2016, a Draft Initial Study/Mitigated Negative Declaration (DMND) was prepared and circulated for a 30-day comment period. During this public review period, the City received 19 written comments on the DMND. Section 15072 of the State CEQA Guidelines requires that the Lead Agency responsible for the preparation of a DMND, evaluate comments on environmental issues received during the public comment period and prepare written responses addressing each comment. Following closure of the public review period on the DMND, the City prepared responses to comments on the DMND received during the review period, which clarified the analysis in the DMND. Accordingly, a Final Mitigated Negative Declaration (FMND or MND) was prepared for the Project in accordance with CEQA, the State CEQA Guidelines, and all other applicable laws in December 2016.

The FMND assembles in one document all of the environmental information and analysis prepared for the Project, including comments on the information and analysis contained in the DMND and responses by the City to those comments. The FMND also includes a Mitigation Monitoring and Reporting Program (MMRP). Copies of the DMND and FMND were distributed to the City Council and are referenced as Exhibit 1-A in the attachment list.

C. Administrative Record.

The administrative record, upon which all Findings related to the approval of the Project are based, includes the following:

- The DMND and all documents referenced in, cited to, or relied upon by the FMND.
- All information (including written evidence and testimony) provided by staff to the City Council relating to the MND, the approvals, and the project.
- The Mitigation Monitoring and Reporting Program ("MMRP") for the Project.
- All other documents composing the record pursuant to Public Resources Code section 21167.6(e).

The custodian of the documents and other materials that constitute the record of the proceedings upon which the City's decisions are based is the Director of Planning and Building Services or his or her designee. Such documents and other materials are located at City Hall, Water Resource Recovery Division, 450 Civic Center Plaza, Richmond, California, 94804.

D. Findings. On December 20, 2016, the City Council conducted a duly noticed public hearing on the Project. After considering public testimony and materials in the administrative record of proceedings for the Project, including without limitation the agenda report, the MND (State Clearinghouse #2016102011), and the Mitigation Monitoring and Reporting Program, the City Council finds, in its independent and objective judgment, that the MND is adequate and sufficient in all respects, has been completed in compliance with CEQA, and that the findings set forth below are appropriate and adequate to support adoption of the MND, the Mitigation Monitoring and Reporting Program and adoption of the Project Approvals.

II. CEQA FINDINGS

The City of Richmond is the Lead Agency with respect to the Project pursuant to Sections 15074 (c) and 15367 of the CEQA Guidelines. The following findings of fact, based on the FMND and all other documents, testimony, and other materials comprising the administrative record, which are incorporated herein by reference, support the adoption of the FMND:

- a) The City has complied with CEQA and CEQA Guidelines. The FMND is an accurate and objective statement that fully complies with CEQA and CEQA Guidelines.
- b) The Project is consistent with the development analyzed in the FMND.
- c) The FMND for the project was prepared, published, circulated and reviewed in accordance with the requirements of CEQA, and the State CEQA Guidelines, and constitutes an adequate, accurate, objective, and complete FMND in accordance with the requirements of CEQA Guidelines;
- d) The FMND was presented to the City Council for its consideration on December 20, 2016, which reviewed and considered the FMND and recommended adoption of the MND and MMRP. The basis for the City Council's findings is set forth in this Resolution.
- e) Based on the whole record before the City Council, there is no substantial evidence that the project will have a significant effect on the environment and that the FMND reflects the Lead Agency's independent judgment and analysis.
- f) The FMND includes measures to reduce all potentially significant impacts to a less than-significant level. Staff has prepared a mitigation monitoring and reporting program to ensure that all mitigation measures are implemented as directed.
- g) The Lead agency shall also specify the location and custodian of the documents or other material which constitute the record of proceedings upon which its decision is based.

III. Nb FINDINGS WITH RESPECT TO ADOPTION OF MITIGATION MONITORING AND REPORTING PLAN ("MMRP")

A. Section 21081.6 of the Public Resources Code requires the City Council to adopt a monitoring or compliance program regarding changes in the project and mitigation measures imposed to lessen significant effects on the environment. The Mitigation Monitoring and Reporting Plan (MMRP) for the proposed Project is hereby included in Exhibit 1-B. The MMRP fulfills the CEQA mitigation monitoring and reporting requirements, as follows:

- The MMRP is designed to ensure compliance with the changes in the project and mitigation measures imposed on the Project during project implementation; and

- Measures to mitigate or avoid significant effects on the environment as set forth in the MMRP are fully enforceable through conditions of approval, permit conditions, agreements or other measures.

B. Mitigation Measures. The City Council adopts all mitigation measures set forth in Attachment 1-B of this Resolution, which includes the MMRP for the Project, identifies each mitigation measure as adopted, an implementation schedule and method for verification of compliance. The MMRP will hereby be required to be incorporated in the conditions of approval to the Project. The City Council hereby determines that the MMRP contains mitigation measures within the responsibility and jurisdiction of the City Council, and that implementation of these measures will reduce to a less-than-significant level potentially significant impacts identified in the FMND.

I. SEVERABILITY

Should any provision, section, paragraph, sentence, or word of this Resolution be rendered or declared invalid by any court of competent jurisdiction, or by reason of any preemptive legislation, the remaining provisions, sections, paragraphs, sentences and words of this Resolution shall remain in full force and effect.

II. APPROVALS

The City Council of the City of Richmond adopts the FMND (State Clearinghouse #2016102011) with accompanying Mitigation and Reporting Program, together with the Agenda Report dated December 20, 2016 as the basis for the findings and actions set forth in this Resolution by reference.

I certify that the foregoing resolution was passed and adopted by the Council of the City of Richmond at a regular meeting thereof held December 20, 2016, by the following vote:

AYES: Councilmembers Beckles, Martinez, McLaughlin, Pimplé,
Vice Mayor Myrick, and Mayor Butt.

NOES: None.

ABSTENTIONS: None.

ABSENT: Councilmember Bates.

PAMELA CHRISTIAN
CLERK OF THE CITY OF RICHMOND
(SEAL)

Approved:

TOM BUTT

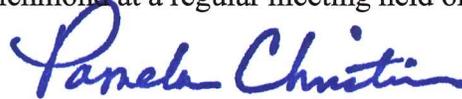
Mayor

Approved as to form:

BRUCE GOODMILLER

City Attorney
State of California }
County of Contra Costa } : ss.
City of Richmond }

I certify that the foregoing is a true copy of **Resolution No. 116-16**, finally passed and adopted by the City Council of the City of Richmond at a regular meeting held on December 20, 2016.



Pamela Christian, Clerk of the City of Richmond

Exhibit 1-A: Final Mitigated Negative Declaration, prepared by LSA, dated December 2016
Exhibit 1-B: Mitigation Monitoring and Reporting Program

EXHIBIT 1-A

THE FULL VERSION OF THIS DOCUMENT IS AVAILABLE
UPON REQUEST FROM THE
WATER RESOURCE RECOVERY DEPARTMENT

**CEQA INITIAL STUDY/MITIGATED
NEGATIVE DECLARATION**

**CITY OF RICHMOND WASTEWATER TREATMENT PLANT AND COLLECTION
SYSTEM IMPROVEMENTS PROJECT**

RICHMOND, CALIFORNIA

Prepared for:

City of Richmond
450 Civic Center Plaza
Richmond, California 94804

Prepared by:

LSA Associates, Inc.
157 Park Place
Point Richmond, California 94801
(510) 236-6810

LSA Project No.CPZ1501

LSA

December 2016

EXHIBIT 1-B

LSA ASSOCIATES, INC.
DECEMBER 2016

CEQA INITIAL STUDY/MITIGATED NEGATIVE DECLARATION
CITY OF RICHMOND WASTEWATER TREATMENT PLANT AND
COLLECTION SYSTEM IMPROVEMENTS PROJECT
RICHMOND, CALIFORNIA

MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation and Monitoring Reporting Program (MMRP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) prepared for the proposed City of Richmond Wastewater Treatment Plant and Collection System Improvements Project (proposed project). The purpose of the MMRP is to ensure the implementation of avoidance and minimization measures and mitigation measures identified as part of the environmental review for the project. The MMRP includes the following information:

- A list of avoidance and minimization measures and mitigation measures;
- The party responsible for implementing the measure;
- The timing for implementation of the measure;
- The agency/city department responsible for monitoring the implementation; and
- The monitoring action and frequency.

The City of Richmond must adopt this MMRP, or an equally effective program, if it approves the City of Richmond Wastewater Treatment Plant and Collection System Improvements Project with the avoidance and minimization measures and mitigation measures that were adopted or made conditions of project approval.

Table 1: Avoidance and Minimization Measures

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
I. AESTHETICS				
<i>There are no avoidance and minimization measures related to aesthetics.</i>				
II. AGRICULTURAL RESOURCES				
<i>There are no avoidance and minimization measures related to agricultural resources.</i>				
III. AIR QUALITY				
<i>There are no avoidance and minimization measures related to air quality.</i>				
IV. BIOLOGICAL RESOURCES				
<p>Construction Scheduling. If possible, sewer improvements at the following locations and any removal of trees would be scheduled outside the bird nesting season (i.e., work would be scheduled to occur between September 1 and February 14 of any given year). These locations include:</p> <ul style="list-style-type: none"> ■ WWTP ■ Enterprise pump station ■ 23rd Street pump station ■ McDonald Avenue pump station ■ Barrett Avenue pump station ■ Marina Way/Ohio Avenue pump station) ■ 37th Street/Ohio Avenue pump station ■ Keller Beach pump station ■ Ferry Point pump station ■ Southwest Annex pump station ■ ICI pump station ■ Canyon Estates pump stations 	<p>Include measure as Condition of Approval.</p>	<ul style="list-style-type: none"> • The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications and ensuring work is conducted outside of the bird nesting season, if possible. • The Project Contractor is responsible for implementing this measure. 	<p>During construction activities.</p>	

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>■ Jack-and-bore locations for the sewer collection system projects at Second Street south of I-580</p> <p>Nesting Bird Surveys. Implementation of proposed improvements would be scheduled outside the bird nesting season (i.e., work would be scheduled to occur between September 1 and February 14), if feasible. If this schedule is not possible, the City would hire a qualified biologist to conduct preconstruction surveys for nesting birds no more than seven days prior to construction. In addition to the nesting bird survey, a focused survey for non-breeding/wintering burrowing owls shall be conducted where suitable habitat for burrowing owl is present in close proximity to the work area (e.g., open habitats in Point Richmond and Richmond Marina). If the biologist finds any active songbird nest within 50 feet or active raptor nests/burrowing owl burrows within 200 feet of the work area, he or she would delineate a buffer zone where no construction would occur until they have determined that all young have fledged from the nest or the nest has failed or the burrow is no longer occupied. The size of the buffer would be determined by the biologist and would be based on the nesting species and sensitivity to disturbance, typically 200 feet for urban areas.</p>	<ul style="list-style-type: none"> • Include measure as Condition of Approval. • Implementation actions are outlined in the mitigation measure. 	<ul style="list-style-type: none"> • The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications and for ensuring compliance during construction. • A qualified biologist is responsible for conducting nest surveys for trees scheduled for removal during the nesting season. 	<p>Prior to and during construction activities.</p>	
<p>V. CULTURAL RESOURCES</p>				
<p>Archaeological Deposits. If deposits of prehistoric or historical archaeological materials are encountered during project activities, all work within 25 feet of the discovery should be redirected and a qualified archaeologist contacted to assess the situation, in consultation with SWRCB cultural resources staff and tribal stakeholders (as appropriate), and to make and implement feasible recommendations for the assessment and treatment of the</p>	<ul style="list-style-type: none"> • Include measure as Condition of Approval. • Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> • The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract 	<p>Prior to and during construction activities.</p>	

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>discovery. Project personnel should not collect or move any archaeological materials.</p> <p>Archaeological materials can include flaked-stone tools (e.g., projectile points, knives, and choppers) or obsidian, chert, basalt, or quartzite toolmaking debris; bone tools; culturally darkened soil (i.e., midden soil often containing heat-affected rock, ash and charcoal, shellfish remains, bones, and other cultural materials); and stone-milling equipment (e.g., mortars, pestles, and handstones). Prehistoric archaeological sites often contain human remains. Historical materials can include wood, stone, concrete, or adobe footings, walls, and other structural remains; debris-filled wells or privies; and deposits of wood, glass, ceramics, metal, and other refuse.</p> <p>It is recommended that adverse effects and/or significant impacts to archaeological cultural resources be avoided by project activities. If such resources cannot be avoided, they should be evaluated in consultation with the SWRCB, the City, tribal stakeholders (as appropriate), and the California State Historic Preservation Officer (SHPO) for their NRHP and CRHR eligibility. If the deposit is eligible for the NRHP and/or the CRHR, disturbance of the deposit would need to be avoided or such effects must be mitigated. Adverse effects and/or significant impacts may be mitigated through the implementation of a treatment plan developed in consultation with SWRCB, the City, tribal stakeholders (as appropriate), and SHPO. Mitigation may consist of, but is not necessarily limited to, systematic recovery and analysis of archaeological deposits; recording the resource; preparation of a report of findings; accessioning recovered archaeological materials at an appropriate curation facility;</p>		<ul style="list-style-type: none"> The Project Contractor is responsible for coordinating and cooperating with the professional archaeologist and for any stop-work orders if resources are discovered. 		

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>and community outreach. All reports produced as part of the evaluation and treatment of cultural resources identified during the project should be submitted to the SWRCB, the City, tribal stakeholders (as appropriate), and SHPO for review and comment. All final, approved documents should be submitted to the NWIC.</p> <p>Encountering Human Remains. If human remains are encountered during project activities, work within 25 feet of the discovery should be redirected and the County Coroner notified immediately. At the same time, an archaeologist should be contacted to assess the situation and consult with the SWRCB, the City, tribal stakeholders (as appropriate), and SHPO regarding treatment of the remains. The requirements of Health and Safety Code §7050.5 must be followed as part of this process (as discussed below).</p> <p>Project personnel should not collect or move any human remains and associated materials. If the human remains are of Native American origin, the Coroner must notify the NAHC within 24 hours of this identification. The Native American Heritage Commission will identify a Most Likely Descendant (MLD) to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods.</p> <p>The archaeologist should prepare a report that provides recommendations for the treatment of the human remains and any associated cultural materials, as well as any results from initial excavation and/or analysis. Treatment of the remains and associated cultural materials should be done in coordination with the recommendations of the MLD, the SWRCB, the City, and SHPO. The report should be</p>	<ul style="list-style-type: none"> • Include measure as Condition of Approval. • Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> • The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications, hiring a professional archaeologist (if discoveries are made), and for ensuring compliance during construction. • A professional archaeologist is responsible for assessing the situation, and preparing the report. • The Project Contractor is responsible for coordinating and 	<p>During construction activities.</p>	

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
submitted to the SWRCB, the City, tribal stakeholders (as appropriate), and SHPO for review and comment. All final, approved documents should be submitted to the NWIC.		Cooperating with the County Coroner and professional archaeologist and for any stop-work orders if human remains are discovered.		
VI. GEOLOGY AND SOILS				
<i>There are no avoidance and minimization measures related to geology and soils.</i>				
VII. GREENHOUSE GAS EMISSIONS				
<i>There are no avoidance and minimization measures related to greenhouse gas emissions.</i>				
VIII. HAZARDS				
<i>There are no avoidance and minimization measures related to hazards.</i>				
IX. HYDROLOGY AND WATER QUALITY				
<i>There are no avoidance and minimization measures related to hydrology and water quality.</i>				
X. LAND USE AND PLANNING				
<i>There are no avoidance and minimization measures related to land use and planning.</i>				
XI. MINERAL RESOURCES				
<i>There are no avoidance and minimization measures related to mineral resources.</i>				
XII. NOISE				
<p>Noise Minimization Measures. Implementation of the following noise minimization measures, including compliance with the City's Noise Ordinance, would reduce potential construction period noise impacts to levels that would be less than significant:</p> <ul style="list-style-type: none"> The construction contractor shall ensure that all construction equipment powered by internal combustion engines shall utilize appropriate sound muffling devices, which shall be properly maintained and used at all times such equipment is in operation. 	<ul style="list-style-type: none"> Include measure as Condition of Approval. Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications and for ensuring compliance during 	During construction activities.	

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<ul style="list-style-type: none"> The construction contractor shall prohibit unnecessary idling of internal combustion engines. The project contractor shall ensure that all stationary noise-generating construction equipment such as air compressors are located as far as is practical from existing residential land uses and positioned so that emitted noise is directed away from the closest off-site sensitive receptors. The construction contractor shall ensure that quiet construction equipment, particularly air compressors, is selected for use whenever possible. The construction contractor shall prohibit the use of pile drivers and other sources of impulsive sounds including jack hammers on Sundays and legal holidays, except for emergencies or as approved in advance by the Building Official. When noise levels would exceed 60 dBA L_{max} for more than 30 minutes at a single family residence, the construction contractor shall ensure that temporary noise barriers are constructed that break the line of sight between adjacent noise-sensitive land uses and the construction project. Temporary construction noise barriers shall consist of a sound reducing material, such as plywood, that has a surface weight of 4 pounds per square foot or that has the equivalent noise reduction of such material (such as construction barrier noise reduction blankets on a chain link fence frame). Care must be taken to construct the temporary noise barriers so that vertical and horizontal gaps are eliminated. 		<ul style="list-style-type: none"> The Project Contractor is responsible for implementing this measure. 		

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<ul style="list-style-type: none"> The construction contractor shall ensure that all noise-producing construction activities that would result in a noise disturbance across a residential real property line, including deliveries or warming-up or servicing equipment and any preparation for construction, shall be limited to the hours of 6:00 a.m. to 9:00 p.m. 				
XIII. POPULATION AND HOUSING				
<i>There are no avoidance and minimization measures related to population and housing.</i>				
XIV. PUBLIC SERVICES				
<i>There are no avoidance and minimization measures related to public services.</i>				
XV. RECREATION				
<i>There are no avoidance and minimization measures related to recreation.</i>				
XVI. TRANSPORTATION/TRAFFIC				
<p>Traffic Control. The following avoidance and minimization measures would be implemented as part of the proposed project to ensure that no effects related to construction traffic would occur.</p> <ul style="list-style-type: none"> Consistent with City requirements, the project contractor would be required to develop and implement a Traffic Control Plans (TCPs), prepared by a registered Traffic Engineer for the entire pipeline route at all locations where construction activities would affect the existing arterial transportation system. Input and approval of TCPs would be obtained from the City prior to construction. Temporary speed limit restrictions would be considered within the construction zone. The TCPs would define the use of flaggers, warning signs, lights, barricades, cones, etc. according to standard guidelines required by the City. Further, the contractor would maintain the work site, including traffic control, in a safe condition at all times, 	<ul style="list-style-type: none"> Include measure as Condition of Approval. Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications, and for ensuring compliance during construction. The Project Contractor is responsible for implementing this measure. 	Prior to and during construction activities.	

Avoidance and Minimization Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<ul style="list-style-type: none"> Construction activities completed within public street right-of-ways would require the use of a traffic control service, and any lane closures or traffic control measures would be consistent with those published in the California Joint Utility Traffic Control Manual (California Inter-Utility Coordinating Committee 2010). Implementing measures contained within the California Joint Utility Traffic Control Manual would facilitate safe passage of both construction vehicles and private vehicles. 				
XVII. UTILITIES AND SERVICE SYSTEMS <i>There are no avoidance and minimization measures related to utilities and service systems.</i>				

Table 2: Mitigation Measures

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
I. AESTHETICS				
<i>There are no significant impacts related to aesthetics.</i>				
II. AGRICULTURAL RESOURCES				
<i>There are no significant impacts related to agricultural resources.</i>				
III. AIR QUALITY				
<p>Mitigation Measure AIR-1: The construction contractor shall implement the following measures at the project site:</p> <ul style="list-style-type: none"> 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 tracked-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 shall be prohibited. All vehicle speeds on unpaved roads shall be limited to 15 miles per hour. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are use. 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 	<ul style="list-style-type: none"> Include measure as Condition of Approval. Implementation actions are outlined in the mitigation measure. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications and for ensuring compliance during construction. The Project Contractor is responsible for implementing this measure. 	<p>During construction activities.</p>	

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>workers at all access points.</p> <ul style="list-style-type: none"> All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator. Post a publicly visible sign with the telephone number and person to contact at the City of Richmond regarding dust complaints. This person shall respond and take corrective action within 48 hours. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations. 				
IV. BIOLOGICAL RESOURCES				
<p>Mitigation Measure BIO-1: If riparian vegetation, such as willows trees, is impacted during construction, the impacted willow trees or other riparian plant species shall be replaced at a 3:1 ratio.</p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. Implementation actions are outlined in the mitigation measure. 	<p>The City of Richmond Water Resource Recovery Division is responsible for implementing this measure.</p>	<p>Following completion of construction activities.</p>	
<p>Mitigation Measure BIO-2: The City shall implement Best Management Practices (BMPs) as recommended or required by the RWQCB to protect water quality. These measures shall include, but are not limited to, the following: 1) a moratorium on grading during a rain event; 2) a requirement that erosion and sediment control measures be installed prior to unseasonable rain storms; 3) prohibiting erosion or sediment control measures within the seasonal wetlands and riparian habitat; 4) limiting the extent of disturbed soil to the minimum area that can be</p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications and for ensuring 	<p>During construction activities.</p>	

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>protected prior to a forecasted rain event and the minimum area needed to complete the proposed action; 5) delineating and protecting environmentally sensitive areas to prevent construction impacts; 6) installing natural fiber rolls as appropriate to control sediment and erosion (use of erosion control fabric containing plastic monofilament is prohibited); 7) spill and litter control; 8) control of fuels and other hazardous materials; 9) management of temporary sewage facilities to prevent water quality impacts; 10) liquid waste management; and 11) preserving existing vegetation wherever possible.</p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications, and for ensuring compliance during and following construction. The Project Contractor is responsible for implementing this measure. 	<p>During and following construction activities.</p>	
<p>Mitigation Measure BIO-3: Seasonal Wetlands temporarily disturbed by construction shall be restored to their pre-project condition via grading and re-contouring. Disturbed portions of the wetlands shall be re-vegetated with native riparian species. During project construction, no soil or other construction materials shall be stored in or allowed to enter the seasonal wetlands. All stockpiled fill and other materials shall be kept at least 50 feet from the seasonal wetlands.</p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. 	<ul style="list-style-type: none"> The Project Contractor is responsible for implementing this measure. 	<p>Following construction activities.</p>	
<p>Mitigation Measure BIO-4: If portions of the seasonal wetlands are permanently impacted by construction, the acreage of impacted seasonal wetlands shall be mitigated</p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. 	<p>The City of Richmond Water Resource Recovery Division is</p>	<p>Following construction activities.</p>	

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>at a minimum 1:1 replacement ratio, either by purchasing mitigation credits through an established mitigation bank or creation of on-site or off-site mitigation wetlands.</p>	<ul style="list-style-type: none"> Approval. Implementation actions are outlined in the mitigation measure. 	<p>responsible for implementing this measure.</p>		
<p>V. CULTURAL RESOURCES</p>				
<p>Mitigation Measure CULT-1: The project applicant shall inform its contractor(s) of the sensitivity of the project area for paleontological resources by including the following directive in contract documents:</p> <p><i>The subsurface of the construction site may be sensitive for paleontological resources. If paleontological resources are encountered during project subsurface construction, all ground-disturbing activities within 25 feet shall be redirected and a qualified paleontologist contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. Project personnel shall not collect or move any paleontological materials. Paleontological resources include fossil plants and animals, and such trace fossil evidence of past life as tracks. Ancient marine sediments may contain invertebrate fossils such as snails, clam and oyster shells, sponges, and protozoa; and vertebrate fossils such as fish, whale, and sea lion bones. Vertebrate land mammals may include bones of mammoth, camel, saber tooth cat, horse, and bison. Paleontological resources also include plant imprints, petrified wood, and animal tracks.</i></p>	<ul style="list-style-type: none"> Include measure as Condition of Approval. Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications, for ensuring compliance during construction, and hiring a professional paleontologist (if discoveries are made). A professional paleontologist is responsible for evaluating any resources found inadvertently during construction, and identifying 	<ul style="list-style-type: none"> Prior to and during construction activities. 	

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<p>The City shall verify that the language has been included in the contract documents before issuing construction permits.</p> <p>Adverse effects to such deposits should be avoided by project activities. If avoidance is not feasible, the paleontological resources shall be evaluated for their significance. If the resources are not significant, avoidance is not necessary. If the resources are significant, project activities shall avoid disturbing the deposits, or the adverse effects of disturbance shall be mitigated. Upon completion of the paleontological assessment, a report shall be prepared documenting the methods, results, and recommendations of the assessment. The report shall be submitted to the applicant and the City of Richmond and, if paleontological materials are recovered, a paleontological repository, such as the University of California Museum of Paleontology.</p>		<p>appropriate mitigation measures.</p> <ul style="list-style-type: none"> The Project Contractor is responsible for coordinating and cooperating with the paleontologist and any stop-work orders if resources are discovered. 		
<p>VI. GEOLOGY AND SOILS <i>There are no significant impacts related to geology and soils.</i></p> <p>VII. GREENHOUSE GAS EMISSIONS <i>There are no significant impacts related to greenhouse gas emissions.</i></p> <p>VIII. HAZARDS <i>There are no significant impacts related to hazards.</i></p> <p>IX. HYDROLOGY AND WATER QUALITY <i>There are no significant impacts related to hydrology and water quality.</i></p> <p>X. LAND USE AND PLANNING <i>There are no significant impacts related to land use and planning.</i></p> <p>XI. MINERAL RESOURCES <i>There are no significant impacts related to mineral resources.</i></p> <p>XII. NOISE <i>There are no significant impacts related to noise.</i></p>				

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
XIII. POPULATION AND HOUSING				
<i>There are no significant impacts related to population and housing.</i>				
XIV. PUBLIC SERVICES				
<i>There are no significant impacts related to public services.</i>				
XV. RECREATION				
<i>There are no significant impacts related to recreation.</i>				
XVI. TRANSPORTATION/TRAFFIC				
Mitigation Measure TRA-1: The following procedures shall be implemented to continue bus service along construction routes:	<ul style="list-style-type: none"> • Include measure as Condition of Approval. • Incorporate measure as part of construction specifications. 	<ul style="list-style-type: none"> • The City of Richmond Water Resource Recovery Division is responsible for incorporating measure into contract specifications, and for ensuring compliance during construction. • The Project Contractor is responsible for implementing this measure. 	During construction activities.	
XVII. UTILITIES AND SERVICE SYSTEMS				
<i>There are no significant impacts related to utilities and service systems.</i>				

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