

RESOLUTION NO. 2013-0112

Adopted by the Sacramento City Council

April 9, 2013

ADOPTING THE MITIGATED NEGATIVE DECLARATION ADDENDUM AND THE MITIGATION REPORTING PROGRAM FOR MINOR MODIFICATIONS TO THE WATER TREATMENT PLANTS REHABILITATION PROJECT (Z14006000)

BACKGROUND

- A. On March 20, 2012, pursuant to the California Environmental Quality Act ("CEQA"), the CEQA Guidelines, and the City of Sacramento environmental guidelines, the City Council adopted a mitigated negative declaration (MND) and a mitigation reporting program for the City Water Treatment Plants Rehabilitation Project (Project) (Resolution 2012-067).
- B. Since that time, the Water Treatment Plants Rehabilitation Project has been modified to include four, not previously identified, property locations surrounding the Project site for the purposes of construction employee parking and staging areas (the "Project Modification").
- C. An initial study prepared for the Project Modification has determined that the proposed changes to the original Project do not require the preparation of a subsequent environmental impact report or negative declaration. An addendum to the previously adopted MND was then prepared to address the Project Modification.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Council has reviewed and considered the information contained in the previously adopted MND for the Project, the addendum, and all oral and documentary evidence received during public meetings held on the Project. The City Council has determined that the previously adopted MND and the addendum constitute an adequate, accurate, objective, and complete review of the proposed Project Modification and finds that no additional environmental review is required for the reasons set forth below:
 - A. No substantial changes are proposed by the Project Modification that will require major revisions of the previously adopted MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;

- B. No substantial changes have occurred with respect to the circumstances under which the Project Modification will be undertaken which will require major revisions to the previously adopted MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; and
- C. No new information of substantial importance has been found that shows any of the following:
 - 1. The Project Modification will have one or more significant effects not discussed in the previously adopted MND;
 - 2. Significant effects previously examined will be substantially more severe than shown in the previously adopted MND;
 - 3. Mitigation measures previously found to be infeasible would in fact be feasible and would substantially reduce one or more significant effects of the Project Modification; or
 - 4. Mitigation measures which are considerably different from those analyzed in the previously adopted MND would substantially reduce one or more significant effects on the environment.

Section 2. Based on its review of the previously adopted MND for the Project, the addendum, and all oral and documentary evidence received during public meetings on the Project, the City Council finds that the MND and addendum reflect the City Council's independent judgment and analysis and adopts the MND and the addendum for the Project Modification and readopts the findings of fact in support of the MND.

Section 3. The mitigation reporting program for the Project is adopted for the Project Modification, and the mitigation measures shall be implemented and monitored as set forth in the program, based on the following findings of fact:

- A. The mitigation reporting program has been adopted and implemented as part of the Project;
- B. The addendum to the MND does not include any new mitigation measures, and has not eliminated or modified any of the mitigation measures included in the mitigation reporting program;
- C. The mitigation reporting program meets the requirements of CEQA section 21081.6 and CEQA Guidelines section 15074.

Section 4. Pursuant to CEQA Guidelines section 15091(e), the documents and other materials that constitute the record of proceedings upon which the City Council has based its decision are located in and may be obtained from, the Office of the City Clerk at 915 I Street, Sacramento, California. The City Clerk is the custodian of records for all matters before the City Council.

Section 5. Exhibit A and B are made a part of this Resolution.

Table of Contents:

Exhibit A: Addendum to Adopted Mitigated Negative Declaration
Exhibit B: Mitigation Reporting Program

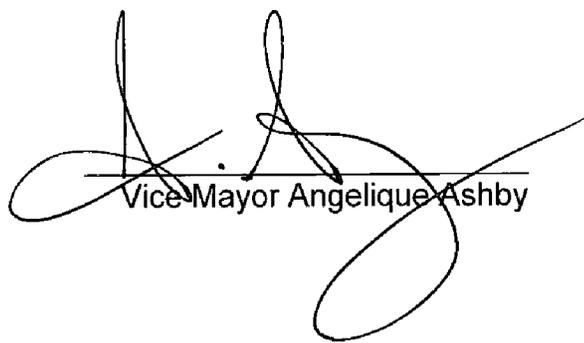
Adopted by the City of Sacramento City Council on April 9, 2013 the following vote:

Ayes: Councilmembers Ashby, Cohn, Fong, Hansen, McCarty, Schenirer, Warren and Mayor Johnson

Noes: None

Abstain: None

Absent: Councilmember Pannell



Vice Mayor Angelique Ashby

Attest:



Shirley Concolino, City Clerk



Community Development Department

CITY OF SACRAMENTO
CALIFORNIA

300 Richards Boulevard
Sacramento, CA
95811

Environmental Planning Services
916-808-5842

ADDENDUM TO AN APPROVED MITIGATED NEGATIVE DECLARATION

The City of Sacramento, California, a municipal corporation, does hereby prepare, make declare, and publish the Addendum to an approved Mitigated Negative Declaration for the following described project:

Sacramento Water Treatment Plant Rehabilitation - The project is to include four separate locations on City owned [controlled] properties surrounding the Sacramento River Water Treatment Plant (SRWTP) for the Sacramento Water Treatment Plants (WTPs) Rehabilitation Project for the purposes of construction staging and parking. The project is located at four separate locations in the City and County of Sacramento, on City owned [controlled] properties surrounding the SRWTP. Site 1 is approximately 1.22 acres and is located between Interstate 5 and Bercut Drive, west of the SRWTP (APN: 001-0210-012); Site 2 consists of three parcels totaling approximately 1.0 acre located directly south of Bannon Street along the northern edge of the SRWTP (APNs: 001-0040-014, 001-0040-015, and 001-0040-039); Site 3 is approximately 0.95 acre located east of the intersection of the Bannon Street and Sequoia Pacific Boulevard to the northeast of the SRWTP (APN: vacant public right-of-way, no APN listed); Site 4 is approximately 0.55 acre located directly north of North B Street (APN: vacant 5th Street right-of-way, no APN listed). The proposed project modifications to the approved WTPs Rehabilitation project include the use of the four identified locations adjacent to the SRWTP for the purposes of construction parking and possible staging activities.

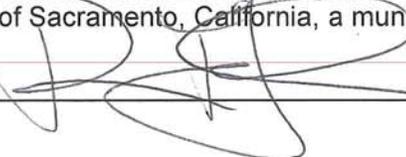
The City of Sacramento, Community Development Department, has reviewed the proposed project and on the basis of the whole record before it, has determined that there is no substantial evidence that the project, as identified in the attached Addendum, would have a significant effect on the environment beyond that which was evaluated in the attached Mitigated Negative Declaration. A new Mitigated Negative Declaration is not required pursuant to the California Environmental Quality Act of 1970 (Sections 21000, et. Seq., Public Resources Code of the State of California).

This Addendum to an approved Mitigated Negative Declaration has been prepared pursuant to Title 14, Section 15164 of the California Code of Regulations; the Sacramento Local Environmental Regulations (Resolution 91-892) adopted by the City of Sacramento.

A copy of this document and all supportive documentation may be reviewed or obtained at the City of Sacramento, Community Development Department, Planning Division, 300 Richards Boulevard, Sacramento, California 95811.

Environmental Services Manager,
City of Sacramento, California, a municipal corporation

Date: 2/13/13

By: 

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**Sacramento Water Treatment Plants Rehabilitation Project (Z14006000)(SCH: 2011112039)
Addendum to Mitigated Negative Declaration**

File Number/Project Name: Sacramento Water Treatment Plants Rehabilitation Project (Z14006000) (SCH: 2011112039).

Project Location: The project is located in the City and County of Sacramento, at four additional locations surrounding the Sacramento River Water Treatment Plant (SRWTP) located at 301 Water Street (APNs: : 001-0210-038, 001-0064-015, 001-0210-024, and 001-0061-025). The additional locations (see Figure 1) surrounding the SRWTP consist of: Site 1 that is an approximate 1.22 acres parcel that is located between Interstate 5 and Bercut Drive, west of the SRWTP (APN: 001-0210-012); Site 2 consists of three parcels totaling approximately 1.0 acre located directly south of Bannon Street along the northern edge of the SRWTP (APNs: 001-0040-014, 001-0040-015, and 001-0040-039); Site 3 is approximately 0.95 acre located east of the intersection of the Bannon Street and Sequoia Pacific Boulevard to the northeast of the SRWTP (APN: vacant public right-of-way, no APN listed); and Site 4 is approximately 0.55 acre located directly north of North B Street (APN: vacant 5th Street right-of-way, no APN listed).

Existing General Plan Designations and Zoning: The new project areas consist of four additional properties, all of which are located within the River District Special Planning District (SPD). Table 1 below provides the zoning and general plan designation for each of the four locations.

Table 1

Location	Zoning* Designation	2030 General Plan Designation
Site 1	Heavy Industrial (M-2 SPD)	Public/Quasi-Public
Site 2	Multi-Family (R-3A SPD)	Urban Center Low
Site 3	Residential Mixed-Use (RMX SPD) and public right-of-way.	Urban Center High
Site 4	Multi-Family (R-5 SPD) and public right-of- way.	Urban Center High
* Title 17 of the Sacramento City Code		

Project Background: The Sacramento River Water Treatment Plant (SRWTP) and the E.A. Fairbairn Water Treatment Plant (EAFWTP) require extensive rehabilitation in order to modernize plant infrastructure and performance. This rehabilitation is required in order to ensure a safe and reliable water supply for the City’s current and future water needs. In order to move forward with the rehabilitation work required at the SRWTP without a break in service or functionality, it is necessary to acquire additional property adjacent to the SRWTP.

The Water Treatment Plant Rehabilitation project consists of replacing existing outdated equipment and facilities, constructing solids handling and other miscellaneous improvements at the treatment plants. The project does not increase the capacity of either the SRWTP or the EAFWTP. At SRWTP the existing flocculation and sedimentation Basins 1 and 2, old filters 1 through 16 and pump station will be replaced with new facilities. To construct these new facilities, Basin 2 and the former 911 Call Center building north of the plant will be demolished. Basin 1, pump station and old filters 1 through 16 will be decommissioned, but not demolished. The project includes acquisition of two parcels totaling approximately three acres at the SRWTP site, new solids handling improvements and miscellaneous

electrical/process improvements. At EAFWTP, the existing FWW basins will be retrofitted with mechanical sludge collection systems. A new dewatering building will be constructed and fitted with equipment to dewater solids. The existing chlorine system will be expanded and other improvements to the electrical and operating system will be installed as required. On March 20, 2012, the City Council adopted a mitigated negative declaration (MND) for the project (Resolution 2012-067).

Project Description: Following adoption of the MND and direction to proceed, project design has continued. As part of that process, the need for parking and staging areas for project contractors has become apparent. Staff has identified the following properties that would provide appropriate sites for such activities. The properties are as follows:

- Site 1 is approximately 1.22 acres and is located between Interstate 5 and Bercut Drive, west of the SRWTP (APN: 001-0210-012);
- Site 2 consists of three parcels totaling approximately 1.0 acre located directly south of Bannon Street along the northern edge of the SRWTP (APNs: 001-0040-014, 001-0040-015, and 001-0040-039);
- Site 3 is approximately 0.95 acre located east of the intersection of the Bannon Street and Sequoia Pacific Boulevard to the northeast of the SRWTP (APN: vacant public right-of-way, no APN listed);
- Site 4 is approximately 0.55 acre located directly north of North B Street (APN: vacant 5th Street right-of-way, no APN listed).

Acquisition, arrangement for use and use of these parcels is identified here as the “project modification.” Each of the properties is in close vicinity to the project site. Use of the properties for the identified purposes would not increase traffic that was evaluated in the MND, and would not substantially increase effects from air quality, noise or light and glare. Biologist review of the sites found that wildlife habitat value of the sites is poor and native habitats are absent. The four sites did not provide evidence of special status species. No habitat for valley elderberry longhorn beetle (i.e., elderberry shrub) occurs on the sites. Three elderberry shrubs were visible on the private property to the east of Site 2, but would not be affected by the project modification.. The project modification will avoid activities affecting the elderberry shrubs by not allowing herbicide/chemical or ground-disturbing uses within 100 feet of these shrubs. Parking on existing paved surfaces may occur within 20-feet of these shrubs. To ensure this protection, the DOU will ensure a protective barrier fence will be installed providing a 20-foot buffer to the existing shrubs east of Site 2. The project modification would result in no additional effects or significant effects on the environment.

Discussion

An Addendum to an approved Mitigated Negative Declaration may be prepared if only minor technical changes or additions are required, and none of the conditions identified in CEQA Guidelines Section 15162 are present. The following identifies the standards set forth in section 15162 as they relate to the project.

1. No substantial changes are proposed in the project which would require major revisions of the previously approved Mitigated Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

The original Mitigated Negative Declaration for the Sacramento Water Treatment Plants Rehabilitation Project (Z14006000)(SCH#: 2011112039) approved on March 20, 2012, evaluated the replacement of

old and unreliable facilities, construction of miscellaneous improvements at Sacramento River WTP and construction of solids handling and dewatering improvements at Sacramento River WTP and Fairbairn WTP.

Changes to the original project from what was described in the adopted Mitigated Negative Declaration include acquisition of four off-site properties to be used temporarily for construction parking and possibly some construction staging activities. Each of the four properties is located immediately adjacent to or across the adjacent roadways.

The current proposal for the addition of four off-site properties for the use as construction parking and staging areas does not require any revisions to the Mitigated Negative Declaration. No new traffic, noise or air quality effects would occur with the inclusion of the four additional locations to be used temporarily for construction parking and possible staging. None of the properties are immediately adjacent to existing residential development. There is existing residential development located north of the SRWTP along Bannon Street near Site 2. Although the Addendum provides additional information and evaluation, none of the new information and evaluations will trigger a need for a Subsequent Mitigated Negative Declaration. The proposed project is within the scope of analysis of the prior project and will not result in any new potential environmental impacts or any more severe impacts than those previously evaluated and identified and proposed to be mitigated in the original Sacramento Water Treatment Plants Rehabilitation Project (Z14006000)(SCH#: 2011112039).

2. No substantial changes have occurred with respect to circumstances under which the project is undertaken that would require major revisions of the previous Mitigated Negative Declaration due to the involvement of new significant environmental effect or a substantial increase in the severity of previously indemnified significant effects.

The City adopted the 2030 General Plan and Master EIR in March 2009. The 2030 General Plan does not result in a change of any new significant effects. All of the new information and evaluations are considered to be minor changes of temporary uses and do not include any new impacts that have not already been discussed in the previous Mitigated Negative Declaration.

3. No new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous Mitigated Negative Declaration was certified as complete or adopted, shows any of the following:

a) The project will have one or more significant effects not discussed in the previous Mitigated Negative Declaration;

b) Significant effects previously examined will be substantially more severe than shown in the previous Mitigated Negative Declaration;

c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative, or;

d) Mitigation measures or alternatives which are considerable different from those analyzed in the previous would substantially reduce on or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

There are no sections in the Initial Study checklist that require revisions and therefore the proposed change in the project description will not result in any environmental impacts that were not previously identified in the Initial Study/Mitigated Negative Declaration.

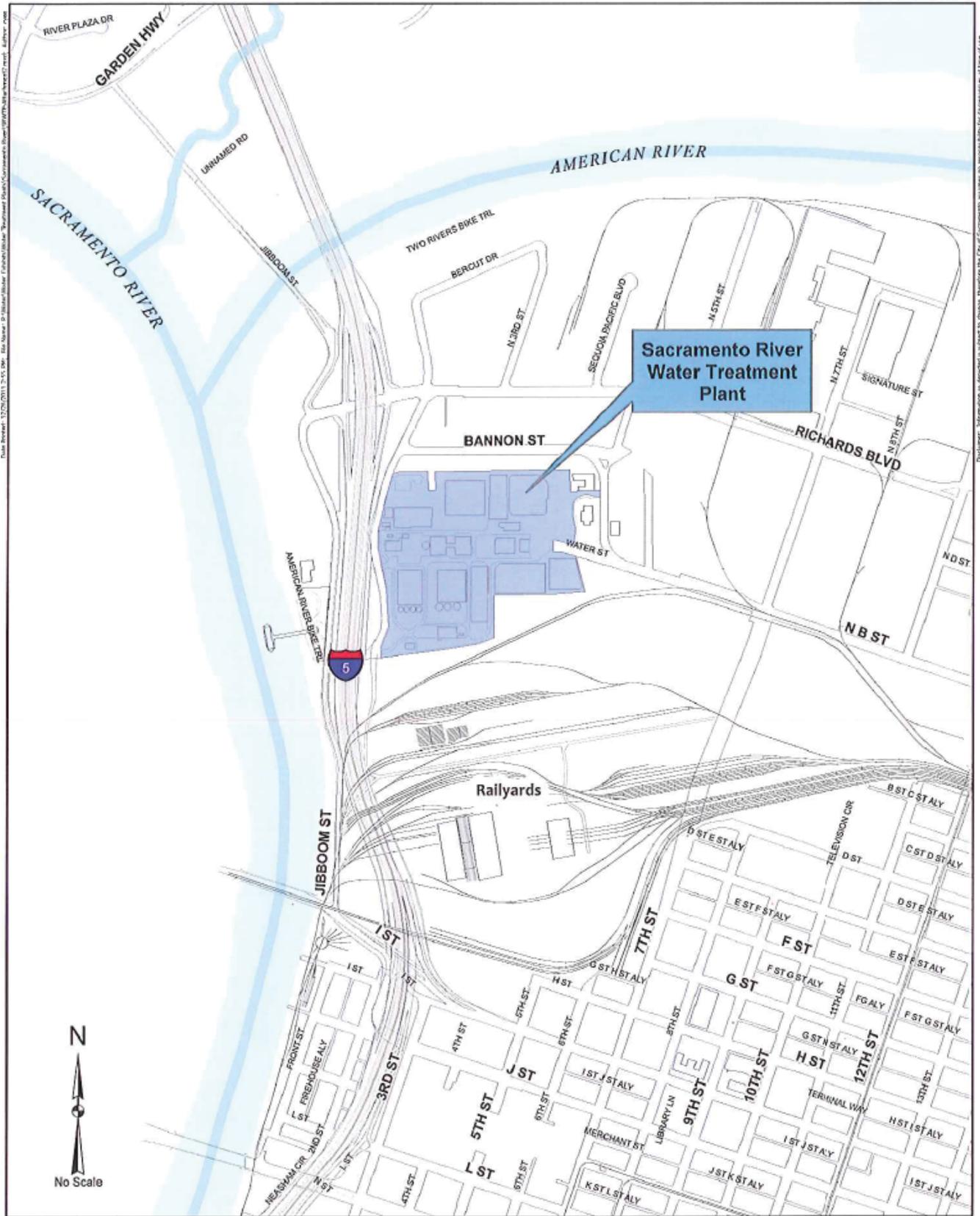
The proposed project modification will not result in effects more severe than what is evaluated in the Initial Study/Mitigated Negative Declaration and mitigation measures adopted for the previous Initial Study/Mitigated Negative Declaration are consistent with what has been previously analyzed. The City Council adopted a Mitigation Reporting Program (MRP) as part of its approval of the original project and the MRP remains applicable to the revised project.

Based on the above analysis, this Addendum to the previously adopted Mitigated Negative Declaration for the project has been prepared.

Attachments:

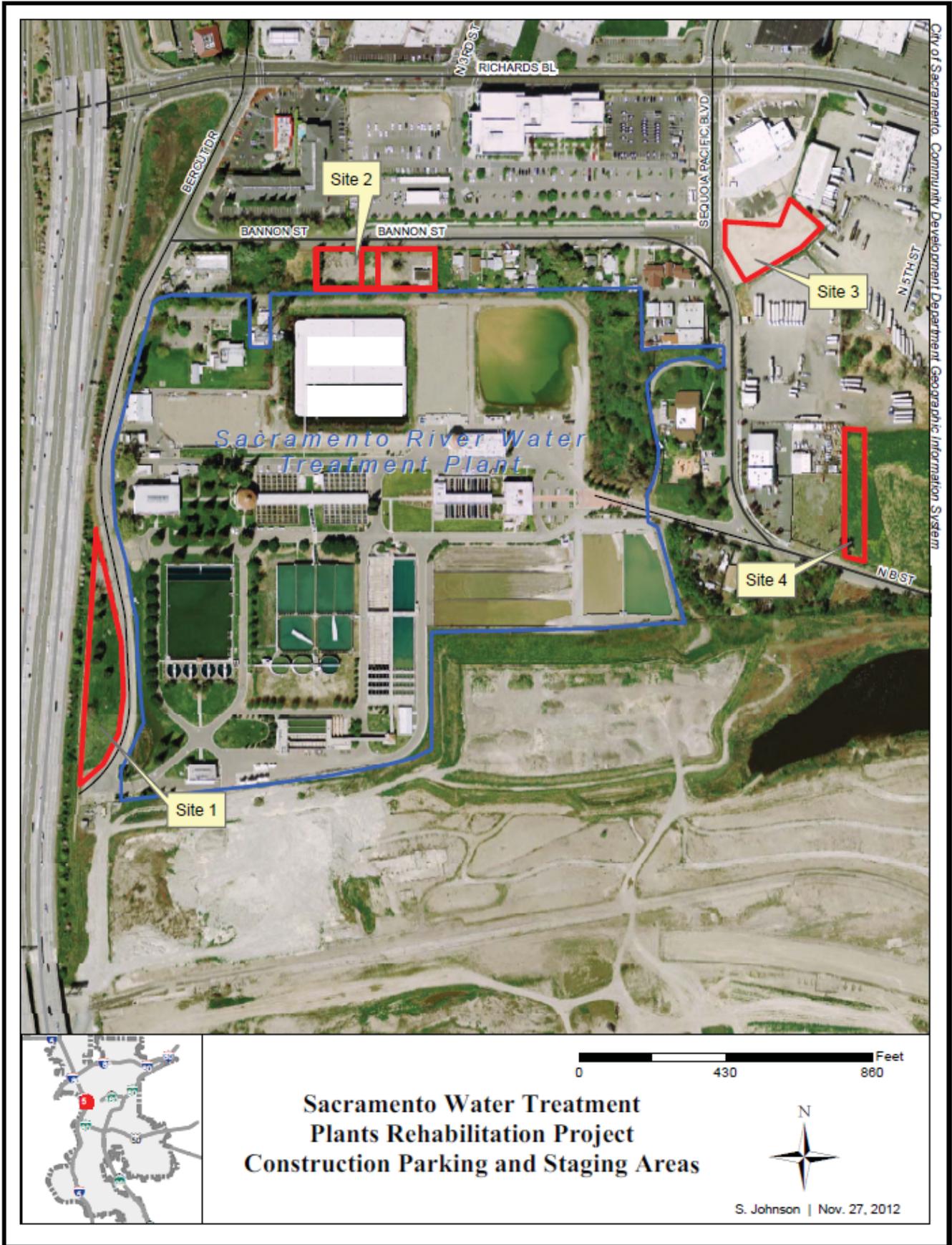
- A) Location Map
- B) Construction Parking and Staging Areas
- C) Mitigated Negative Declaration for the Sacramento Water Treatment Plants Rehabilitation Project (Z14006000)(SCH#: 2011112039)

Attachment - A



**Sacramento River Water Treatment Plant
Project Location**

Attachment - B



**Sacramento Water Treatment
Plants Rehabilitation Project
Construction Parking and Staging Areas**

N
S. Johnson | Nov. 27, 2012



COMMUNITY DEVELOPMENT
DEPARTMENT

ENVIRONMENTAL PLANNING
SERVICES

CITY OF SACRAMENTO
CALIFORNIA

300 Richards Boulevard
Third Floor
Sacramento, CA 95811

MITIGATED NEGATIVE DECLARATION

The City of Sacramento, California, a municipal corporation, does hereby prepare, declare, and publish this Mitigated Negative Declaration for the following described project:

City of Sacramento Water Treatment Plants Rehabilitation Project (Z14006000) (SCH No. 2011112039)

The proposed project would replace old and unreliable facilities, construct miscellaneous improvements at Sacramento River WTP and construct solids handling and dewatering improvements at Sacramento River WTP and Fairbairn WTP.

E.A. Fairbairn Water Treatment Plant (Fairbairn WTP) is located immediately east of California State University at Sacramento (CSUS). The Sacramento River Water Treatment Plant (Sacramento River WTP) is located east of Interstate 5 near Richards Boulevard. See Attachment 1 for Regional Location, Attachment 2 for Sacramento River WTP Project Location, and Attachment 3 for Fairbairn WTP Project Location.

Assessor Parcel Numbers:

Fairbairn Plant: 005-0010-011, -012

Sacramento River Plant: 001-0210-038, 001-0064-015,
001-0210-024 and 001-0061-025 (SHRA Parcels)

The Lead Agency is the City of Sacramento. The City of Sacramento, Community Development Department, has reviewed the proposed project and, on the basis of the whole record before it, has determined that there is no substantial evidence that the project, with mitigation measures as identified in the attached Initial Study, will have a significant effect on the environment. This Mitigated Negative Declaration reflects the lead agency's independent judgment and analysis. An Environmental Impact Report is not required.

This Mitigated Negative Declaration has been prepared pursuant to the California Environmental Quality Act (Public Resources Code Sections 21000 et seq.), CEQA Guidelines (Title 14,

Attachment C

Sections 15000 et seq. of the California Code of Regulations), the Sacramento Local Environmental Regulations (Resolution 91-892), and the Sacramento City Code. The public review period is January 18, 2012 to February 17, 2012. Comments should be submitted to:

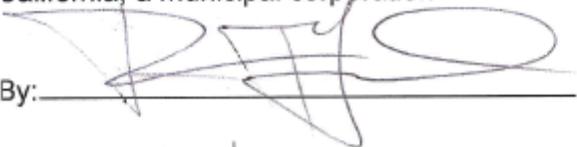
Attn: Scott Johnson, Associate Planner
Community Development Department
City of Sacramento
300 Richards Blvd, 3rd Floor
Sacramento, CA 95811
Direct Line: (916) 808-5842
sjohnson@cityofsacramento.org

A copy of this document and all supportive documentation may be reviewed or obtained at the City of Sacramento, Community Development Department, 300 Richards Boulevard, 3rd Floor, Sacramento, CA 95811 from 9:00 a.m. to 4:00 p.m. (or 8:00 a.m. to 5:00 p.m. with prior arrangement). The document is available online at <http://www.cityofsacramento.org/dsd/planning/environmental-review/eirs/>

Environmental Services Manager, City of Sacramento,
California, a municipal corporation

By: _____

Date: _____


1/17/2012

Sacramento Water Treatment Plants Rehabilitation Project Mitigation Reporting Program

In January 1989, Assembly Bill 3180 went into effect requiring the City to monitor all mitigation measures applicable to this project and included in the Mitigated Negative Declaration. For this project, mitigation reporting will be performed by the City of Sacramento Department of Transportation in accordance with the monitoring and reporting program developed by the City to implement AB 3180.

This Mitigation Reporting Program is being prepared for the Community Development Department, Environmental Planning Services, 300 Richards Boulevard, 3rd Floor, Sacramento, CA 95811, pursuant to the California Environmental Quality Guidelines, Section 21081.

Project Number: Z14006000

Project Name: Sacramento Water Treatment Plants Rehabilitation Project

Project Location: E.A. Fairbairn Water Treatment Plant (EAFWTP) is located east of California State University at Sacramento (CSUS) and south of the American River and consists of Assessor's Parcel Numbers (APN): 005-0010-011, -012. The Sacramento River Water Treatment Plan (SRWTP) is located east of Interstate 5 and the Sacramento River near Richards Boulevard and consists of APNs: 001-0210-038, 001-0064-015, 001-0210-024, and 001-0061-025.

Project Description: The proposed Water Treatment Plant Rehabilitation project consists of replacing existing outdated equipment and facilities, constructing solids handling and other miscellaneous improvements at the treatment plants. The project does not increase the capacity of either the SRWTP or the EAFWTP. At SRWTP the existing flocculation and sedimentation Basins 1 and 2, old filters 1 through 16 and pump station will be replaced with new facilities. To construct these new facilities, Basin 2 and the former 911 Call Center building north of the plant will be demolished. Basin 1, pump station and old filters 1 through 16 will be decommissioned, but not demolished. The project includes acquisition of two parcels totaling approximately three acres at the SRWTP site, new solids handling improvements and miscellaneous electrical/process improvements. At EAFWTP, the existing FWW basins will be retrofitted with mechanical sludge collection systems. A new dewatering building will be constructed and fitted with equipment to dewater solids. The existing chlorine system will be expanded and other improvements to the electrical and operating system will be installed as required.

MITIGATION REPORTING PROGRAM CHECKLIST FOR THE
SACRAMENTO WATER TREATMENT PLANTS REHABILITATION PROJECT (Project #Z14006000)

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
1. BIOLOGICAL RESOURCES				
<p>MITIGATION MEASURE BIO-1.</p> <p>The Department of Utilities shall implement the following measures to minimize impacts to nesting special-status birds:</p> <ul style="list-style-type: none"> To the maximum extent possible, trees shall be removed during the non-breeding season for most birds (i.e., September 16 to February 14). If construction activity is scheduled to occur during the typical nesting season for Swainson's hawk and other raptors (i.e., February 15 to September 15), the project applicant shall retain a qualified biologist to conduct preconstruction surveys and to identify active nests within 500 feet of the project site. The surveys shall be conducted within 14 days and no more than 30 days before the beginning of project activity. If active nests are found, impacts on nesting special-status birds shall be avoided by establishment of appropriate buffers around the nests. No project activity shall commence within the buffer area until a qualified biologist confirms that any young have fledged and the nest is no longer active. The buffer may be adjusted based on a recommendation from a qualified biologist in consultation with the state Department of Fish and Game, if the construction activities are unlikely to disturb the nest. A biological monitor may be required to ensure that nest abandonment or failure does not occur. If no nests are found, no further mitigation is required. 	Prior to and during construction	City of Sacramento / DFG		
<p>MITIGATION MEASURE BIO-2A.</p> <p>The Department of Utilities will consult with the US Fish and Wildlife Service (USFWS) regarding impacts to VELB and will obtain approval for removing and transplanting elderberry plants prior to ground-disturbing activities within 100 feet of elderberry plants. A Habitat Conservation Plan shall be prepared that includes</p>	Prior to and During construction	City of Sacramento / USFWS		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
<p>the following information:</p> <ul style="list-style-type: none"> • the effects of the proposed project on VELB; • a conservation strategy that describes measures to avoid, minimize and compensate for impacts, including description of the conservation area, relocation plans, replacement plantings, irrigation, and maintenance requirements; • an implementation plan that describes monitoring requirements, including performance and success criteria; funding for implementation of the HCP; and procedures to deal with unforeseen circumstances; • a description of alternative actions considered that would not result in take; and • any additional measures USFWS may require as necessary or appropriate for purposes of the plan. 				
<p>MITIGATION MEASURE BIO-2B.</p> <p>For elderberry shrubs that are to remain on the project site, the following mitigation measures shall be implemented in accordance with the USFWS Conservation Guidelines for the Valley Elderberry Longhorn Beetle (USFWS, 1999).</p> <ul style="list-style-type: none"> • Fence and flag all areas to be avoided during construction activities. A minimum setback of at least 20 feet from the dripline of each elderberry plant with stems greater than 1-inch diameter at ground level shall be maintained to avoid direct impacts. The buffer area shall be fenced with high visibility construction fencing prior to commencement of ground-disturbing activities and shall be maintained for the duration of construction activities. • Erect signs every 50 feet along the edge of the avoidance area with the following information: "This area is habitat of the valley elderberry longhorn beetle, a threatened species, and must not be disturbed. This species is protected by the Endangered Species Act of 1973, as amended. Violators are subject to prosecution, fines, and imprisonment." The signs shall be clearly readable from a distance of 20 feet, and shall be maintained for the 	Prior to and during construction	City of Sacramento / USFWS		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
<p>duration of construction.</p> <ul style="list-style-type: none"> • Ground disturbing activities on the project site shall not alter the hydrology of the site or otherwise affect the likelihood of vigor or survival of elderberry shrubs. Project activities, such as truck traffic or other use of machinery, shall not create excessive dust on the project site, such that the growth or vigor of elderberry shrubs would be adversely affected. • Areas that are disturbed temporarily shall be restored to pre-disturbance conditions. Erosion control measures shall be implemented to restore areas disturbed within 100 feet of elderberry shrubs. • No insecticides, herbicides, fertilizers, or other chemicals shall be used within 100 feet of elderberry shrubs. 				
<p>MITIGATION MEASURE BIO-2c.</p> <p>For elderberry plants that cannot be retained in the project area, the following mitigation measures shall be implemented. These measures may be modified based upon the consultation with USFWS.</p> <ul style="list-style-type: none"> • If feasible, Elderberry plants that cannot be avoided shall be transplanted. All elderberry plants with one or more stems measuring 1.0 inch or greater in diameter at ground level shall be transplanted to a conservation area consistent with USFWS Conservation Guidelines for the Valley Elderberry Longhorn Beetle, 1999. The conservation area shall be protected in perpetuity and monitoring shall be conducted to ensure that the success criteria are met. If success criteria are not met, remedial actions shall be required. Consultation with the USFWS will specifically define the replanting plan. • Additional elderberry seedlings or cuttings and associated native plants shall be planted in a designated conservation area at a ratio consistent with the USFWS's Conservation Guidelines for the Valley Elderberry Longhorn Beetle, 1999 or determined during consultation with USFWS. Each elderberry stem measuring 1.0 inch or greater in diameter at ground level that is adversely affected (i.e., transplanted or destroyed) shall be replaced in the conservation area, with elderberry seedlings or cuttings at a ratio 	<p>Prior to and during construction</p>	<p>City of Sacramento / USFWS</p>		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
<p>ranging from 1:1 to 8:1 (new plantings to affected stems.) A mix of native plants associated with the elderberry plants at the project site or similar sites shall be planted at ratios ranging from 1:1 to 2:1). Table Bio-2 estimates the required conservation plantings required for the project. However, additional conservation plantings may be required if a 20-foot buffer cannot be provided around the elderberry shrubs to be retained. The final number of conservation plantings to be provided shall be determined during consultation with USFWS. Alternatively, compensatory credits may be purchased at an USFWS approved conservation bank</p>				
2. CULTURAL RESOURCES				
<p>MITIGATION MEASURE CUL-1.</p> <p>The City (Department of Utilities) shall prepare a Decommissioning Plan (Plan) for the Pump Station, Head House and West Filter Buildings, for approval by the Preservation Director, prior to decommissioning the structures from active service. The Plan shall include the following provisions:</p> <ul style="list-style-type: none"> ■ Technical Report submitted by JRP that documents historical significance; ■ Written confirmation of physical condition of the buildings, including any need of structural stabilization, signed by a Registered Structural Engineer and the Plant Superintendent; ■ Maintenance of interior ventilation systems in good working order; ■ Plan for inspection of the structures on a periodic basis, to address and correct the following: <ul style="list-style-type: none"> ○ Evidence of, and plan for handling any pest infestation; ○ Moisture penetration to the interior; ○ Adverse condition of the exterior of the building; ○ Failure of the interior ventilation system. <p>The Department of Utilities shall inspect and maintain the affected structures on a regular basis, and shall maintain written records of such inspections and conditions. Prior to the expiration of five years from the date of decommissioning, the Department shall prepare and present to the Preservation Director a proposal for the permanent treatment of the decommissioned structures, consistent with the</p>	<p>Prior to, during, and following construction</p>	<p>City of Sacramento</p>		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
U.S. Department of the Interior standards to the extent feasible.				
MITIGATION MEASURE CUL-2. In advance of construction, an additional identification effort consisting of geoaerchaeological trenching be shall be conducted at the Fairbairn WTP in the northeast portion of the project area identified to have Rossmoor soils where there is a high potential for buried archaeological resources. If nothing is found during trenching, no additional identification efforts would be necessary. If resources are found proper documentation and removal practices shall be implemented prior to construction activities beginning.	Prior to construction	City of Sacramento		
MITIGATION MEASURE CUL-3. In the northeastern portion of the Sacramento River WTP project area at the location of excavation for the dewatering building and the thickener tanks where there is potential for subsurface features, a qualified historical archaeologist should monitor ground-disturbing activities. In the event test cores are obtained prior to excavation, and reveal no such features, the archaeologist may be utilized on an on-call basis only.	Prior to and during construction	City of Sacramento		
MITIGATION MEASURE CUL-4. In the event that unidentified cultural materials are unearthed during construction, work shall be halted in that area until a qualified archaeologist can assess significance of the find and develop and implement a plan for documentation and removal of resources. Additional survey will be needed if project limits are extended beyond the present survey limits.	During construction	City of Sacramento		
MITIGATION MEASURE CUL-5 The historic quarried granite slabs identified on the northeast portion of the Sacramento River WTP project site shall be retained and stored on-site during construction and incorporated into and used as curbing on new road/driveway to	During and following construction	City of Sacramento		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
be constructed as part of the WTP Rehabilitation Project.				
3. HAZARDS				
<p>MITIGATION MEASURE HAZ-1.</p> <p>A preliminary site assessment for asbestos and lead-based paint shall be conducted, consisting of records searches, site reconnaissance, and interviews with knowledgeable persons to determine whether such materials exist in any facilities scheduled for demolition or substantial renovation. This assessment may include limited sampling to further assess the potential of encountering such materials. Abatement and remediation shall be implemented as required by state or federal regulations, and appropriate procedures followed for removal and disposal followed.</p>	Prior to and during construction	City of Sacramento		
4. LIGHT AND GLARE				
<p>MITIGATION MEASURE LIGHT-1.</p> <p>New buildings or renovated facades of existing buildings in the proposed project shall be prohibited from using:</p> <ol style="list-style-type: none"> 1) reflective glass that exceeds 50 percent of any building surface and on the ground three floors; 2) mirrored glass; 3) black glass that exceeds 25 percent of any surface of a building; and, 4) metal building materials that exceed 50 percent of any street-facing surface of a primarily residential building. 	Prior to, during, and following construction	City of Sacramento		
<p>MITIGATION MEASURE LIGHT-2.</p> <p>Exterior lighting at the project site, and any exterior lighting that may be visible from the exterior, shall comply with the following requirements:</p> <ol style="list-style-type: none"> a. Lighting design shall be such as not to produce hazardous and annoying glare to motorists and building occupants, adjacent residents or the public; and 	Prior to, during, and following construction	City of Sacramento		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
<p>b. Lighting shall be oriented away from adjacent properties, shall not produce a glare or reflection or any nuisance, inconvenience or hazardous interference of any kind on adjoining streets or property. In addition, the source of the light shall not be visible from adjacent property or a public street.</p>				
5. NOISE				
<p>MITIGATION MEASURE NOISE-1.</p> <p>All construction activity on the project sites shall comply with the provisions of City Code Chapter 8.68 relating to noise, including the following:</p> <p>All noise-producing activity on the project sites will be conducted during these hours:</p> <p style="padding-left: 40px;">Monday through Saturday: 7:00 a.m. to 6:00 p.m.;</p> <p style="padding-left: 40px;">Sunday: 9:00 a.m. to 6:00 p.m.</p> <p>Equipment on the project site shall be equipped with suitable exhaust and intake silencers that are in good working order.</p>	During construction	City of Sacramento		
<p>MITIGATION MEASURE NOISE-2.</p> <p>During all periods of construction, the City shall appoint a project manager for each project site, and shall post a conspicuous sign on each project site that identifies the project manager and a telephone number for contacting the individual. The project manager shall have the authority to receive and resolve complaints regarding construction noise.</p>	During construction	City of Sacramento		
<p>MITIGATION MEASURE NOISE-3.</p> <p>Back-up generators that supply emergency electrical power to the facility shall be located, to the extent feasible, in a location that takes advantage of noise barriers, such as buildings on the site, that would shield neighboring properties from direct noise transmission and thus serve to reduce the noise at the property line.</p>	Prior to, during, and following construction	City of Sacramento		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
<p>MITIGATION MEASURE NOISE-4.</p> <p>The following actions shall be taken to reduce impacts to historic structures:</p> <p>(A) To the extent feasible, the historic buildings shall be stabilized and reinforced prior to construction activities adjacent to such buildings.</p> <p>(B) The contractor shall take reasonable precautions to protect historic structures from damage, such as settlement, caused by excavation, trenching, dewatering or other construction activities adjacent to buildings that could affect the integrity of the buildings.</p> <p>(C) Measures shall be taken to reduce or eliminate potential ground settlement of the areas surrounding the historic buildings due to dewatering, excavation or adjacent construction. A pre-excavation settlement-damage survey shall be prepared that shall include, at a minimum, visual inspection of existing vulnerable structures for cracks and other settlement defects, and establishment of horizontal and vertical control points on the buildings. A monitoring program of surveying such horizontal and vertical control points shall be followed to determine the effects of dewatering, excavation and construction. If it is determined by the project engineer that the existing buildings could be subject to damage, work shall cease until appropriate remedies to prevent damage are identified.</p>	<p>Prior to and during construction</p>	<p>City of Sacramento</p>		

Mitigation Measure	Timing of Implementation	Reporting/ Responsible Party	VERIFICATION OF COMPLIANCE	
			Initials	Date
6. TRANSPORTATION & CIRCULATION				
<p>MITIGATION MEASURES TRANS-1</p> <p>Prior to the start of the construction phase at either treatment plant facility, the project applicant shall prepare and submit a Traffic Control Plan to the City of Sacramento, Department of Transportation for review and approval. At a minimum, the plan shall include the following information:</p> <ul style="list-style-type: none"> • The number of truck trips, time, and day of street closures • Time of day of arrival and departure of trucks • Limitations on the size and type of trucks; provision of a staging area with a limitation on the number of trucks that can be waiting • Provision of a truck circulation pattern • Safe and efficient access routes for emergency vehicles • Efficient and convenient transit routes • Manual traffic control when necessary • Proper advance warning and posted signage concerning street closures • Provisions for bicycle and pedestrian safety, especially in the CSUS area 	Prior to and during construction	City of Sacramento		