# 1 INTRODUCTION

This final environmental impact report/environmental impact statement (FEIR/FEIS) has been prepared to respond to comments received on the draft EIR/EIS (DEIR/DEIS) for the Folsom South of U.S. Highway 50 (U.S. 50) Specific Plan Project. The FEIR/FEIS has been prepared by the City of Folsom (City) and the U.S. Army Corps of Engineers (USACE), Sacramento District in accordance with the requirements of the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). The City is the lead agency under CEQA and USACE is the lead agency under NEPA. The U.S. Bureau of Reclamation (Reclamation) is a cooperating agency under NEPA.

On June 28, 2010, the City and USACE released the DEIR/DEIS for public review and comment. The comment period closed on September 10, 2010, after being extended by the City. The DEIR/DEIS evaluated the potential environmental effects of the Proposed Project (Proposed Project Alternative) and five land use alternatives, along with the Proposed Off-Site Water Facility Alternative and 10 water conveyance alternatives. A public workshop was held at Folsom City Hall on August 2, 2010, and a public hearing to receive public input on the DEIR/DEIS was held at Folsom City Hall on August 4, 2010. The public hearing was recorded and transcripts were made of public comments received both at the workshop and at the hearing. Written comments were received from Federal, state, regional, and local agencies, as well as from organizations and individuals; comments were also received during the public hearing. The City and USACE considered the comments received on the DEIR/DEIS.

The FEIR/FEIS consists of the entire DEIR/DEIS (Volumes I, II, and III) and the comments, responses to comments, and revisions to the DEIR/DEIS.

#### 1.1 PURPOSE AND INTENDED USES OF THE FEIR/FEIS

Both CEQA and NEPA require a lead agency that has completed a DEIR or DEIS to consult with and obtain comments from public agencies (cooperating, responsible, and/or trustee agencies) that have legal jurisdiction with respect to the proposed action, and to provide the general public with opportunities to comment on the DEIR or DEIS. The FEIR/FEIS is a mechanism for responding to these comments. This FEIR/FEIS has been prepared to respond to comments received from agencies, organizations, and members of the public on the DEIR/DEIS for the Folsom South of U.S. 50 Specific Plan Project, which are reproduced in this document; and to present corrections, revisions, and other clarifications and amplifications to the DEIR/DEIS made in response to these comments. The DEIR/DEIS and this FEIR/FEIS will be used to support the City's decision whether to approve the project and USACE's decisions whether to issue permits pursuant to Section 404 of the Clean Water Act and to issue a record of decision (ROD).

The FEIR will also be used by CEQA responsible agencies, such as the Central Valley Regional Water Quality Control Board, and trustee agencies, such as the California Department of Fish and Game, to ensure that they have met the requirements of CEQA before deciding whether to issue discretionary permits and approvals for portions of the project over which they have authority. It may also be used by other state, regional, and local agencies that may have an interest in resources that could be affected by the project or would issue permits and/or other regulatory approvals.

#### 1.2 PROJECT REQUIRING ENVIRONMENTAL ANALYSIS

The project requiring environmental analysis includes two components; a land use component, and an off-site water supply facilities component required to support the proposed land uses. Because the project purpose, objectives, and alternatives are different for the "Land" and "Water" portions of the project, they are presented separately in this EIR/EIS.

#### LAND

The project applicant(s) of the "Land" portion of the project—the South Folsom Property Owners Group—are requesting annexation into the City of Folsom, and approval of various discretionary entitlements in support of a specific plan for a mixed-use development and supporting on- and off-site roadway and infrastructure improvements (project). The specific plan covers an area in eastern Sacramento County, south of U.S. 50, and adjacent to the existing Folsom city limits. The specific plan supports a combination of employment-generating uses, retail and supporting services, recreational uses, and a broad range of residential uses and associated infrastructure and roads on approximately 3,510-acres that is located entirely within the City's sphere of influence. The "Specific Plan Area," or SPA, described throughout this EIR/EIS includes the entire area proposed for annexation, including U.S. 50 highway right-of-way and interchange areas, for a total of approximately 3,584 acres. The project site is located south of U.S. 50, north of White Rock Road, east of Prairie City Road (a small area extends west of Prairie City Road at the southwest corner of the project site), and west of the Sacramento/El Dorado County line (see Exhibits 2-1 and 2-2 in Chapter 2, "Alternatives").

The Proposed Project Alternative includes up to 10,210 residential units at various densities on approximately 1,477 acres; approximately 363 acres of commercial and industrial use, including a regional shopping center; public/quasi-public uses; elementary, middle, and high schools on approximately 179 acres; approximately 122 acres of community and neighborhood parks; stormwater detention basins; approximately 1,053 acres of open-space areas and open-space preserves; and major roads with landscaping.

Several off-site infrastructure facilities (intersection expansions to allow access to and from U.S. 50 and the SPA, an overpass of U.S. 50, two roadway connections and sewer pipelines from the Folsom Heights property into El Dorado Hills, a sewer force main connection to the existing City system, a detention basin, and water pipelines and facilities) are proposed to serve project development and are addressed in this DEIR/DEIS.

#### WATER

Based on current water demand assumptions and implementation of reasonable conservation measures in years when water supplies could be subjected to dry-year reductions of up to 25%, the SPA would require not more than 5,600 acre-feet<sup>1</sup> of water per year (AFY). Project water demand is 5,600 AFY but facilities would be designed to accommodate 6,000 AFY to account for operational variability. To provide a reliable water supply for the project, the City is proposing the permanent assignment of not more than 8,000 AFY<sup>2</sup> of Central Valley Project (CVP) settlement contract "Project" water from the Natomas Central Mutual Water Company (NCMWC), diverting this water supply from the Sacramento River at the Freeport Regional Water Project (Freeport Project), and conveying this water to the SPA through new potable water infrastructure. "Project" water is defined in Article 1(m) of NCMWC's CVP settlement contract.

In addition, the project would include the City purchasing from Sacramento County Water Agency (SCWA) a portion of its dedicated capacity within the Freeport Project, which would serve as the point of diversion (POD) on the Sacramento River and partial conveyance pathway for not more than 6,000 AFY purchased from NCMWC. The City proposes to add the Freeport POD to the assigned CVP settlement contract to facilitate the diversion of these supplies at the existing Freeport Project diversion. The City proposes to pump and convey the assigned NCMWC CVP water supply through the Freeport Project diversion facility and conveyance pipeline to the point where the SCWA and the East Bay Municipal Utilities District (EBMUD) pipeline splits (or bifurcation point). The City would then construct new water supply conveyance infrastructure from the bifurcation point to the SPA.

<sup>&</sup>lt;sup>1</sup> An acre-foot of water contains 325,851 gallons; one million gallons is about 3 acre-feet.

<sup>&</sup>lt;sup>2</sup> NCMWC's CVP water contract is subject to a dry-year provision whereby total deliveries can be reduced by up to 25%.

Ten conveyance alternatives are analyzed in this EIR/EIS at a similar level of detail, as required under NEPA. These ten conveyance alternatives are described in more detail in Chapter 2, "Alternatives." Overall, each of the ten "Water" action alternatives would involve the following actions in conjunction with the City taking assignment for up to 8,000 AFY of CVP surface water from NCMWC:

- Approval from Reclamation for rescheduling of the existing CVP "Project" water agricultural delivery schedule to a year-round municipal and industrial (M&I) schedule;
- entering into an agreement with SCWA to convey the water acquired by the City from NCMWC through the Freeport Project, to facilitate the integration of the Offsite Water Facilities with existing Freeport Project diversion and water conveyance facilities; and
- constructing conveyance, pump, storage, and treatment facilities, including booster pump station(s), water treatment and storage facilities, and conveyance facilities.

Consistent with the requirements of CEQA and NEPA, the City is evaluating several conveyance alternatives in this EIR/EIS to enable the delivery of not more than 6,000 AFY of CVP water to the SPA. Each alternative includes optional route alignments and/or operational features (e.g., water treatment plants [WTP] and associated storage facilities) to cover the range of feasible alternatives available to the City.

#### **PROJECT GEOGRAPHIES**

The project undergoing environmental analysis in this EIR/EIS includes "Land" and "Water" components. Different portions of the project would occur in and would affect different geographical areas. The following geographic area descriptions are used in this EIR/EIS:

- Specific Plan Area This refers to the area which would be annexed by the City of Folsom as part of the project. Most "On-site" analyses in the "Land" portion of the EIR/EIS address conditions in the SPA. The Specific Plan, generally referred to throughout this document as the Folsom Plan Area Specific Plan (FPASP), actually defines the future land uses for a slightly smaller area, excluding the U.S. Highway 50 right-of-way.
- Off-site Improvements This refers to the location of certain off-site improvements required to support the proposed land use changes, including a proposed detention basin west of Prairie City Road, roadway and interchange improvements along U.S. 50 (at Prairie City Road, Oak Avenue, Rowberry Drive, Scott Road, and Empire Ranch Road); a sewer line extension across U.S. 50 to an existing pump station along Iron Point Road; and sewer and roadway extensions into El Dorado Hills.
- Water" Study Area This refers to the regional area studied for the various water supply facilities and operations required under the alternatives in the "Water" portion of the EIR/EIS. The "Water" Study Area has been further divided into four zones for the purposes of discussion. Zone 4 encompasses areas in east-central portions of Sacramento County where new potable water supply facilities would be constructed under a variety of alternative configurations. Zone 1 includes the NCMWC service area, Zone 2 includes portions of the lower Sacramento River south of NCWMC's service area, and Zone 3 includes the Freeport Project diversion and conveyance facilities.
- General Plan Amendment Area This refers to the area within the current City of Folsom where the density ranges of general plan land use designations would be changed by the project.

# 1.3 PROJECT BACKGROUND

In 2001, the Sacramento Local Agency Formation Commission (LAFCo) designated the undeveloped land south of U.S. Highway 50 between Prairie City Road, White Rock Road, and the El Dorado County line as part of the City's sphere of influence. The City entered into a Memorandum of Understanding (MOU) with Sacramento County prior to approval of the SPA application by Sacramento LAFCo. The intent of the MOU is to serve as a guide for sound regional long-range planning efforts relative to the annexation of the SPA. The MOU outlines a comprehensive planning process for the project site, including public participation with various stakeholders and the general public. It also addresses a number of issues including water supply, transportation, air quality, schools, and open space that were later incorporated into language found in Measure W and subsequently the City Charter (described in more detail below). The MOU led to LAFCo Resolution 1196, approving the City's sphere of influence amendment.

LAFCo Resolution 1196 requires that the planning process for the project site include:

City General Plan Revisions. Revise and update the City's general plan in accordance with California State law.

- **City General Plan Housing Element.** Obtain a certification of substantial compliance from the California Department of Housing and Community Development consistent with California Government Code section 65585(d) or (h). The City shall establish in its approved Housing Element that it has or will meet its regional share housing needs for all income levels for the second and third Housing Element revisions, as defined in California Government Code Section 65588.
- Land Use Designations. Adopt appropriate land use designations for all property within the adopted Sphere of Influence area.
- **Pre-zoning.** Pre-zone the property consistent with California Government Code Section 56375 and the Folsom General Plan.
- **Comprehensive Planning.** Develop comprehensive planning of the project site that demonstrates well planned, orderly development that avoids the premature conversion of open space.
- Master Service Agreement. In any application to annex the property, the City is to submit a Master Services Element that identifies a program for implementation and financing for major infrastructure and services components needed to support the proposed distribution, location, extent, and intensity of proposed land uses. The Master Services Element must identify a water supply source and the process for securing sufficient water supplies to serve the annexed area.
- Local Roadway Improvements. Prepare a plan for necessary improvements to each jurisdiction's roadway network to accommodate increased traffic from the project site in cooperation with Sacramento and El Dorado Counties. This plan must include a list of improvements, responsible jurisdiction, phasing plan, and clearly defined financing mechanism. Implementation of this plan must result in service levels on local roadways consistent with each jurisdiction's general plan.
- Regional Roadway Improvements. The City, in cooperation with Caltrans, Sacramento County, El Dorado County, the El Dorado County Transportation Commission, and the Sacramento Area Council of Governments (SACOG), must identify traffic and transportation measures that are needed to mitigate potential impacts on regional transportation facilities from proposed development within the project site. The City must also identify a funding mechanism to construct the traffic and transportation measures necessary to fully mitigate impacts from the project site, and a timeline for the construction of improvements. As soon as reasonably possible, these improvements should be programmed into the Metropolitan Transportation Plan and Metropolitan Transportation Improvement Program.

- **Transit Master Plan.** Prepare a Transit Master Plan consistent with the City's General Plan. The master plan must identify bus transit routes, bus turnouts, pedestrian shelters, bus transfer stations, alignments for rail service, and the location of rail service stations.
- ► **Bikeway Master Plan.** Prepare a Bikeway Master Plan consistent with the City's General Plan. The master plan must identify bikeway and pedestrian facilities on the project site consistent with the goals and policies of the City's general plan and incorporate bikeway designs for Prairie City Road and White Rock Road to be equivalent, or better, than those in the Sacramento City/County Bikeway Master Plan.
- **Drainage Master Plan.** Conduct hydraulic and hydrologic modeling of that portion of Alder Creek which transverses the project site. A Drainage Master Plan must be prepared and address flood hazards, identify flood protection measures, and document no net increase in downstream floodwater surface elevations.
- ► Habitat Mitigation Strategy. Document of the City's multi-species habitat mitigation strategy (Habitat Conservation Plan [HCP]) for the project site. The strategy must address mitigation of impacts on habitat and biological resources that meets Federal and State regulatory requirements. The City may fulfill these requirements through participation in South Sacramento County HCP process.
- Surface and Groundwater Contamination. Document that on-site surface contamination has been remediated to Federal and State regulatory standards and that groundwater contamination has been remediated or is being remediated effectively prior to annexation of any property owned by Aerojet General Corporation.
- ► Water Supply. Demonstrate that the City has a sufficient water supply to serve existing customers, future customers within the existing service area, and all proposed uses within the project site in compliance with the terms and conditions of the Water Forum Agreement. This demonstration must be sufficient for LAFCo to determine water availability per California Government Code section 56668(k).
- Wastewater Facilities. Demonstrate the timely availability of wastewater transmission and treatment capacity to serve existing customers, future customers within the existing service area, and all proposed uses within the project site.
- ► Special Districts. Meet and confer with the El Dorado Irrigation District (EID), the Sacramento Metropolitan Fire District, and any other special districts regarding impacts on these districts, including fiscal and operational impacts and loss of property tax revenue. With respect to EID, the City must not request any detachment from the EID service area.
- **School Mitigation.** Incorporate feasible school mitigation requirements into development agreements.
- **Mitigation Monitoring.** Comply with the mitigation measures identified in environmental review for expansion of sphere of influence boundary and adopted pursuant to CEQA by LAFCo Resolution LAFC 1193, including:
  - Establish necessary roadway improvements and financing mechanisms;
  - Implement requirements to reduce air quality emissions by 35%;
  - Prepare an Air Quality Plan;
  - Complete tree surveys and implement tree protection measures;
  - Complete biological surveys and adopt avoidance and mitigation policies;
  - Minimize incompatibility impacts on historic landscapes;
  - Implement hazardous materials plans;
  - Investigate and remediate railroad right-of-way, mining, and radio/transfer sites;
  - Define the Alder Creek 100-year floodplain; and
  - Identify secure sufficient water supplies.

In November 2004, following a series of visioning workshops, the City's Measure W (City Ordinance No. 1022) passed with support from 69% of the City voters. With the passage of Measure W, the City Charter was amended to require the Folsom City Council to take certain actions prior to LAFCo approval of annexation. These actions are related to each of the issue areas described below:

- Water Supply. Identify and secure the sources of water supply to serve the SPA without reducing the existing water supply currently serving users to the north of U.S. 50, and shall not be paid for by City residents north of U.S. 50.
- **Transportation.** Adopt an Infrastructure Funding and Phasing Plan for the construction of roadways and transportation improvements that are necessary to reduce traffic impacts resulting from development of the SPA. The timing of the construction of the transportation improvements shall be tied to the anticipated rate of growth and associated traffic impacts. Existing City residents shall not be required to pay fees for the construction of any new transportation improvements required to serve the SPA.
- **Open Space.** Maintain 30% of the SPA as natural open space to preserve oak woodlands and sensitive habitat areas. Natural open space cannot include active park sites, residential yard areas, golf courses, parking lots, or their associated landscaping.
- Schools. Submit a plan to the Folsom Cordova Unified School District for the funding and construction of all necessary school facilities for the SPA so that City residents north of U.S. 50 are not required to pay for the construction of new school facilities serving the SPA and existing schools are not overcrowded by development of the SPA.
- **Development Plan.** Adopt a General Plan Amendment to serve as the blueprint for development within the SPA. The General Plan Amendment will only be adopted after the completion and certification of an environmental impact report.
- Public Notice. Every registered voter in the City must be mailed a notice of time, place, and date of the public meetings and hearings before the Planning Commission and City Council. The notice must include a summary of the SPA proposal with the full proposal and associated environmental review available for public review at the City Clerk's office, at all Folsom public libraries, and on the City's Web site.
- **Implementation.** All existing City plans, policies, ordinances, and other legislative acts must be amended as necessary, as soon as possible, and in the time and manner required by state law, including CEQA, to ensure consistency between the Charter Amendment and those plans, policies, and other provisions.

In 2004, the City launched a visioning process to seek community input about the future plans for the City's sphere of influence area. Approximately 200 residents of the City and nearby El Dorado County attended a series of meetings facilitated by a professional planning consultant. At those meetings, the participants addressed a range of issues including land use, open space, transportation, and financing. Their recommendations resulted in a series of five possible development scenarios, which were reviewed by the Folsom City Council at its January 25, 2005 meeting. Since that time, the land use plan for the SPA has continued to undergo refinements, and has evolved into the Proposed Project Alternative shown in Exhibit 2-3 in Chapter 2, "Alternatives." The Proposed Project Alternative, along with four alternative land use development plans and a No Project Alternative (development under the existing Sacramento County land use and zoning designations), are evaluated at a similar level of detail, as required under NEPA in this EIR/EIS.

# 1.4 PROJECT PURPOSE AND NEED

The City and USACE each view the project purpose from the purview of their responsibilities. The City is interested in the orderly development of lands within its planning boundaries/sphere of influence and ensuring

that that the City has adequate water supplies for development. USACE's interest extends to its permit authority with respect to regulation of waters of the U.S., including wetlands.

#### 1.4.1 PROJECT PURPOSE AND NEED: CITY OF FOLSOM CONSIDERATIONS

The purpose of the Folsom South of Highway 50 Specific Plan project is to provide a mixed-use, master-planned community within an area south of U.S. 50 that would be annexed to the City of Folsom, and also to secure a reliable water supply consistent with the requirements of Measure W and objectives of the Water Forum Agreement and the necessary off-site conveyance infrastructure to facilitate the planned development of the SPA. In accordance with local and regional plans, including the City's General Plan and SACOG Blueprint and Smart Growth Principles, the project would expand the City's current sphere of influence south of U.S. 50 in a manner that would foster orderly urban development and discourage leapfrog development and urban sprawl. The project would provide both jobs and housing and would generate a positive fiscal impact for the City.

#### 1.4.2 PROJECT PURPOSE AND NEED: U.S. ARMY CORPS OF ENGINEERS

The project purpose, as considered by USACE, is to construct a large scale, mixed-use development, with associated infrastructure, within eastern Sacramento County.

# 1.5 AGENCY ROLES AND RESPONSIBILITIES

USACE will use this EIS/EIR in exercising its regulatory authority under Section 404 of the Clean Water Act. It also may be used as an informational document by Federal cooperating agencies, such as Reclamation, that could have permitting or approval authority for aspects of the project.

This EIS/EIR will be used by the City of Folsom and CEQA responsible and trustee agencies to ensure that they have met the requirements of CEQA before deciding whether to approve or permit project elements over which they have jurisdiction. It may also be used by other state and local agencies, which may have an interest in resources that could be affected by the project, or that have jurisdiction over portions of the project.

The City of Folsom is the State lead agency for the project under CEQA, and USACE, Sacramento District, is the Federal lead agency under NEPA. The City has the principal responsibility for approving and carrying out the project and for ensuring that the requirements of CEQA have been met. USACE has the principal responsibility for making Clean Water Act Section 404 permit decisions and ensuring that the requirements of NEPA have been met. The EIR/EIS may also be used by other Federal, state, regional, and local agencies, which may have an interest in resources that could be affected by the project, or that have jurisdiction over portions of the project.

The following are the entitlements requested from the City for the project:

- ► certification of the EIR/EIS and adoption of the Mitigation Monitoring and Reporting Program,
- ► amendment of the Folsom General Plan,
- ► amendment of the Folsom Zoning Ordinance,
- ► adoption of the Folsom Plan Area Specific Plan,
- ► adoption of a Public Facilities Financing Plan,
- ► approval of large-lot tentative maps,
- ► application to LAFCo for annexation of the project site to the City of Folsom, and
- ► possible approval of development agreements between the City and project applicant(s).

The project applicant(s) are requesting these approvals to accommodate proposed development on lands they control (i.e., lands owned). However, some approvals would apply to all lands in the SPA. It is anticipated that the City will also rely on this EIR/EIS for approval of other future discretionary entitlements and permits (e.g., small-lot tentative subdivision maps, design review approvals, use permits). The City will rely on this document to the

degree that it adequately addresses the impacts of future development on the site (i.e., for specific issue areas where more detailed analysis was conducted). The City is the project proponent and lead agency for implementation of the water supplies and off-site water facilities necessary to satisfy the water demands of the SPA. The City will rely on this document because that it adequately addresses the impacts of the specific manner in which those supplies and facilities are implemented. Depending on the final locations of specific facilities, the City may need to conduct supplemental environmental analysis of the specific issues presented.

The Proposed Action represents a Federal action because it would require one or more of the following Federal permits and authorizations:

- Department of the Army permit under Section 404 of the CWA for discharges of dredge or fill material into waters of the U.S.,
- ESA Section 7 consultation leading to issuance of a Biological Opinion and possible incidental-take statement for activities affecting endangered species,
- NHPA Section 106 consultation leading to the preparation of a Programmatic Agreement and/or Memorandum of Agreement (MOA) for activities affecting a cultural resource listed in or eligible for listing in the NRHP, and
- Reclamation approval of the assignment of up to 8,000 AFY of "Project" water from NCMWC's CVP settlement contract to the City, the addition of the Freeport Project as an additional point of diversion under NCMWC's settlement contract, and an encroachment permit for the water conveyance crossing at the Folsom South Canal.

# 1.6 SUMMARY DESCRIPTION OF THE PROJECT ALTERNATIVES

The State CEQA Guidelines (Section 15126.6) and the NEPA CEQ Regulations (40 CFR Section 1502.14) require that an EIR/EIS describe a range of reasonable alternatives to a proposed project that could feasibly attain the basic objectives of the project and avoid and/or lessen the environmental effects of the project. The analysis contained in the DEIR/DEIS provides a comparative analysis between the proposed project/action (hereinafter referred to as the "Proposed Project Alternative"), a Resource Impact Minimization Alternative, a Centralized Development Alternative, and a Reduced Hillside Development Alternative. The No Project Alternative as required under CEQA and NEPA and a No USACE Permit Alternative as required by USACE under NEPA were also evaluated. A summary of the Proposed Project Alternative and the other alternatives is provided below. Detailed information regarding the project design, operation, and specific components is contained in DEIR/DEIS Chapter 2, "Alternatives."

#### 1.6.1 PROPOSED PROJECT ALTERNATIVE

The project applicant(s)—the South Folsom Property Owners Group—are requesting annexation into the City of Folsom, and approval of various discretionary entitlements in support of a specific plan for a mixed-use development and supporting on- and off-site roadways and infrastructure (project). The specific plan covers an area in eastern Sacramento County, south of U.S. 50, and adjacent to the existing Folsom city limits. The specific plan supports a combination of employment-generating uses, retail and supporting services, recreational uses, and a broad range of residential uses and associated infrastructure and roads on approximately 3,510-acres that is located entirely within the City's sphere of influence, but currently under jurisdiction of Sacramento County. The project site, however, encompasses a larger area: it includes the entire area proposed for annexation, including U.S. 50 right-of-way and proposed interchange areas, for a total of approximately 3,584 acres. The project site is located south of U.S. 50, north of White Rock Road, east of Prairie City Road (a small area extends west of Prairie City Road at the southwest corner of the project site), and west of the Sacramento/El Dorado County line (see Exhibits 2-1 and 2-2 in Chapter 2, "Alternatives" in the DEIR/DEIS).

The Proposed Project includes 10,210 residential units at various densities on a total of 1,477.2 acres; 362.8 acres designated for commercial and industrial use, including a regional shopping center; public/quasi-public uses; elementary, middle, and high schools on 179.3 acres; 121.7 acres of community and neighborhood parks; stormwater detention basins; 1,053.1 acres of open-space areas and open-space preserves; and major roads with landscaping.

Several off-site infrastructure facilities (intersection expansions to allow access to and from U.S. 50 and the SPA, an overpass of U.S. 50, two roadway connections and sewer pipelines from the Folsom Heights property into El Dorado Hills, a sewer force main connection to the existing City system, a detention basin, and water pipelines and facilities) are proposed to serve project development and are addressed in this EIR/EIS.

Based on current water demand assumptions and implementation of reasonable conservation measures in years when water supplies could be subjected to dry-year reductions of up to 25%, the project would require not more than 5,600 acre-feet<sup>3</sup> of water per year (AFY). The City is proposing Off-site Water Facilities that would involve the permanent assignment to the City a portion of NCMWC's CVP settlement contract "Project" water totaling not more than 8,000 AFY<sup>4</sup>, diverting this water supply from the Sacramento River, and conveying this water to the SPA.

In addition, this project would include the City purchasing from Sacramento County Water Agency (SCWA) dedicated capacity within the Freeport Regional Water Project (Freeport Project), which would serve as the point of diversion (POD) on the Sacramento River and partial conveyance pathway for not more than 5,600 AFY. The City proposes to add the Freeport POD to the assigned CVP settlement contract to facilitate the diversion of these supplies at the existing Freeport Project diversion. The City proposes to pump and convey the assigned NCMWC CVP "Project" water supply through the Freeport Project diversion facility and conveyance pipeline to the point where SCWA and East Bay Municipal Utilities District (EBMUD) pipeline split or the bifurcation point. The City would then construct new water supply conveyance infrastructure from the bifurcation point to the SPA.

Provision of water service to the project would involve the following actions by the City:

- taking an assignment for up to 8,000 AFY of CVP surface water from NCMWC (which is currently available in July and August in accordance with NCMWC's irrigation demands);
- rescheduling the existing CVP July/August schedule to a year-round municipal and industrial (M&I) schedule;
- entering into an agreement with SCWA to convey the water acquired by the City from NCMWC through the Freeport Project, to facilitate the integration of the Off-site Water Facilities with existing Freeport Project diversion and water conveyance facilities; and
- Constructing conveyance, pump, storage, and treatment facilities, including booster pump station(s), water treatment and storage facilities, and conveyance facilities.

Consistent with the requirements of CEQA and NEPA, the City is evaluating several conveyance alternatives to enable the delivery of not more than 6,000 AFY of CVP water from NCMWC to the SPA. Each alternative includes optional route alignments and/or operational features (e.g., WTPs and associated storage facilities) to cover the range of feasible alternatives available to the City. Exhibits 2-25, 2-27, 2-28, and 2-29 in Chapter 2, "Alternatives," of the DEIR/DEIS illustrate the potential locations of water supply and conveyance infrastructure to serve the SPA.

<sup>&</sup>lt;sup>3</sup> An acre-foot of water contains 325,851 gallons; one million gallons is about 3 acre-feet.

<sup>&</sup>lt;sup>4</sup> NCMWC's CVP water contract is subject to a dry-year provision whereby total deliveries can be reduced by up to 25%.

Information regarding the location, design, and operation of the various project components is presented in detail in Chapter 2, "Alternatives," of the DEIR/DEIS.

# 1.6.2 No Project Alternative

Under the No Project Alternative, the SPA would not be annexed to the City of Folsom; instead, it would remain under the jurisdiction of Sacramento County. This alternative assumes that existing land uses at the project site (i.e., livestock grazing) would continue, including construction of up to 44 rural residences on 80-acre parcels as permitted under the adopted Sacramento County General Plan designations and zoning. Furthermore, no off-site water facilities would be constructed under this alternative. This analysis uses existing site conditions at the time that the Notice of Preparation/Notice of Intent was published (September 2008) as the "existing conditions" portion of the "no project" scenario (see State CEQA Guidelines CCR Section 15126.6[e][2]) to allow consideration of a full range of alternatives. Remediation of contaminated soil and groundwater on the Aerojet General Corporation parcel along the western property boundary is a separate action that will continue either with or without project implementation.

# 1.6.3 NO USACE PERMIT ALTERNATIVE

This alternative is designed to avoid the placement of dredged or fill material into waters of the U.S., including wetlands, thus eliminating the need for a USACE Section 404 CWA permit. As a result, there would be no direct impacts to waters of the U.S. under this alternative, compared to 46.3 combined acres of fill under the total Proposed Project (i.e., including both land development and off-site water facilities). This alternative would require compliance with Section 10 of ESA. Under this alternative, 1,506.1 acres of the project site would be designated as open space, compared to 1,057 acres under the Proposed Project Alternative. This alternative also would require more expensive/time-consuming, methods of construction for roadways and utilities. Under this alternative, approximately 3,837 fewer residential housing units would be constructed, and approximately 131 fewer acres would be used for commercial/industrial development, than under the Proposed Project. The acreage proposed for park use would be reduced to 84.8 acres under this alternative.

#### **1.6.4** RESOURCE IMPACT MINIMIZATION ALTERNATIVE

This alternative would include a larger area of high-quality biological habitat in the proposed preserve area than under the Proposed Project Alternative, and would also preserve all of the on-site cultural resources that would be eligible for listing on the California Register of Historical Resources and National Register of Historic Places. A Section 404 CWA permit would still be required under this alternative, as it would involve the placement of fill material into 26.47 acres of waters of the U.S., 13.03 fewer acres than would be filled by the Proposed Project Alternative. An additional 375 acres of land across the project site would be designated as open space. A total of approximately 1,429 acres, approximately 40% of the project site, would become a protected wetland preserve. Areas of the project site with higher concentrations of cultural resources, including areas on the northwestern portion of the project site would also remain in open space under this alternative. The total acreage of residential development would be reduced by approximately 205 acres and approximately 2,245 fewer residential units would be constructed. Overall density would decrease (average density across the residentially designated area would be approximately 6 dwelling units per acre (du/ac), compared to 6.65 du/ac under the Proposed Project Alternative). Commercial and industrial development sites would be reduced by approximately 113 acres. Development of park land would be reduced to 105.7 acres. The types of land uses and general on- and off-site infrastructure and roadway improvements would remain the same as under the Proposed Project Alternative.

# 1.6.5 CENTRALIZED DEVELOPMENT ALTERNATIVE

This alternative would preserve approximately 75% of the eastern part of the project site, which lies within the Sierra Nevada foothills, in its current undeveloped state. Commercial development would still occur along the south side of U.S. 50 within the foothills. It would also entail about 1,000 fewer equivalent dwelling units (EDUs)

than the Proposed Project. This alternative would fill 37.06 acres of waters of the U.S., 2.48 acres fewer than would be filled under the Proposed Project Alternative. The Centralized Development Alternative envisions a higher density of residential development on a smaller footprint compared to the Proposed Project Alternative, resulting in more dwelling units per acre. The acreage of commercial and industrial development would be similar in this alternative compared to the Proposed Project Alternative. The acreage proposed for park use is reduced to 118.7 acres in this alternative, including local parks which are included in acreage totals for residential and mixed-use designations. The types of land uses and general on- and off-site infrastructure improvements under the Centralized Development Alternative would remain the same as under the Proposed Project Alternative. A 1,464.4-acre area would be dedicated to open space (approximately 407 acres more than under the Proposed Action Alternative).

#### **1.6.6** REDUCED HILLSIDE DEVELOPMENT ALTERNATIVE

This alternative would reduce the developed area on the eastern portion of the project site, which lies within the Sierra Nevada foothills, leaving more of this area in its current undeveloped state for aesthetic, biological, and cultural resource protection purposes. It would also entail about 1,300 additional EDUs compared to the Proposed Project, with a much higher density of development within the central portion of the project site, thus reducing potential impacts related to traffic and air quality. The Reduced Hillside Development Alternative would fill 42.69 acres of waters of the U.S., 3.19 acres more than would be filled under the Proposed Project Alternative. The Reduced Hillside Development Alternative and slightly smaller footprint compared to the Proposed Project Alternative, resulting in more dwelling units per acre. The total acreage of residential development would be reduced by approximately 64 acres, but the density would be increased. The acreage of commercial and industrial development would be increased by less than 20 acres. The acreage proposed for park use (including local parks which are included in acreage totals for residential and mixed-use designations) is increased to 170.9 acres in this alternative. The types of land uses and general on- and off-site infrastructure and roadway improvements under the Reduced Hillside Development Alternative would remain the same as under the Proposed Project. A 1,057-acre area would be dedicated to open space (the same size as under the Proposed Project).

#### 1.6.7 WATER SUPPLY ALTERNATIVES

The Water Supply alternatives evaluated at a similar level of detail in this EIR/EIS consist of the following (see Chapter 2, "Alternatives" for additional detail):

- ► No USACE Permit Off-site Water Facility Alternative
- Proposed Off-site Water Facility Alternative PA Raw Water Conveyance Grant Line Road Alignment and On-site WTP
- Off-site Water Facility Alternative 1 Raw Water Conveyance Grant Line Road Alignment and White Rock WTP
- Off-site Water Facility Alternative 1A Raw Water Conveyance Grant Line Road Route Variation Alignment and White Rock WTP
- Off-site Water Facility Alternative 2 Treated Water Conveyance Douglas Road Alignment and Vineyard SWTP
- Off-site Water Facility Alternative 2A Treated Water Conveyance Douglas Road Route Variation Alignment and Vineyard SWTP
- Off-site Water Facility Alternative 2B Treated Water Conveyance North Douglas Tanks Variation Alignment and Vineyard SWTP

- Off-site Water Facility Alternative 3 Raw Water Conveyance Douglas Road Alignment and White Rock WTP
- Off-site Water Facility Alternative 3A Raw Water Conveyance Douglas Road Route Variation Alignment and White Rock WTP
- Off-site Water Facility Alternative 4 Raw Water Conveyance to Folsom Boulevard Alignment and Folsom Boulevard WTP
- Off-site Water Facility Alternative 4A Raw Water Conveyance to Folsom Boulevard Route Variation Alignment and Folsom Boulevard WTP

#### **1.6.8** INTEGRATION OF "LAND" AND "WATER" ALTERNATIVES FOR DEVELOPMENT

Under the No Project Alternative, the SPA could be developed with up to 44 rural residences on 80-acre parcels as currently zoned under the Sacramento County General Plan, and no off-site water facilities would be constructed because each rural resident would be responsible for developing his or her on-site well. Therefore, for purposes of this EIR/EIS, the No Project Alternative is evaluated in the 3A "Land" sections.

Under the No USACE Permit Alternative, there would be no placement of dredged or fill material into waters of the U.S. (including wetlands) from either the "Land" or "Water" portions of the project, thus eliminating the need for a USACE Section 404 CWA permit. In order to achieve "no fill," no development in the SPA would occur within 50 feet of a water of the United States, the water treatment plant (regardless of whether it is located off-site or on-site) would not be constructed within 50 feet of a water of the United States, and the off-site water conveyance pipeline would use trenchless construction methods (e.g., horizontal directional drilling or jack-and-bore) where the pipeline route intersected any water of the United States. Therefore, only the No USACE Permit Off-site Water Facility Alternative could be selected if the No USACE Permit "Land" Alternative were selected for development of the SPA.

Any of the 10 off-site water alternatives listed above and described in detail in Chapter 2, "Alternatives" of the DEIR/DEIS could ultimately be implemented for either the Resource Impact Minimization, Centralized Development, or Reduced Hillside Development Alternative. Because the off-site water facilities are different from development of the SPA and would occur in locations that are further removed spatially from the SPA, the impacts of these water facilities are evaluated in the 3B "Water" sections of the DEIR/DEIS. However, the City and the USACE wish to make clear to the reader that the "project" as a whole consists of both development of the SPA and off-site facilities necessary to provide water in support of the SPA development. Thus, when considering impacts of the "project" as a whole, it is necessary to consider both the 3A and 3B impacts taken together.

# 1.7 CEQA AND NEPA REQUIREMENTS FOR RESPONDING TO COMMENTS

The State CEQA Guidelines state that written responses to comments received on the DEIR and RDEIR must describe the disposition of significant environmental issues. The response should contain good-faith, reasoned analysis to the environmental issues raised in the comment. In particular, the major environmental issues raised when the lead agency's position is at variance with recommendations and objections raised in the comments must be addressed.

NEPA requires that the FEIS include and respond to all substantive comments received on the DEIS (40 CFR Section 1503.4). Lead agency responses may include the need to:

- ► modify the proposed action or alternatives;
- develop and evaluate new alternatives;

- ► supplement, improve, or modify the substantive environmental analyses;
- ▶ make factual corrections to the text, tables, or figures contained in the DEIS and SDEIS; or
- explain why no further response is necessary.

Additionally, the FEIS must discuss any responsible opposing view that was not adequately discussed in the DEIS and must indicate the lead agency's response to the issues raised.

#### 1.8 REQUIREMENTS FOR DOCUMENT CERTIFICATION AND FUTURE STEPS IN PROJECT APPROVAL

This FEIR/FEIS is being distributed to agencies, stakeholder organizations, and individuals who commented on the DEIR/DEIS. This distribution ensures that interested parties have an opportunity to express their views regarding the environmental impacts of the project, and to ensure that information pertinent to permits and approvals is provided to decision makers for the lead agencies, NEPA cooperating agencies, and CEQA responsible agencies.

The FEIR is being distributed to those parties who commented on the DEIR for a period of 10 days as required by the State CEQA Guidelines, Section 15088. Copies of the document may be reviewed by the public during normal business hours at Folsom City Hall (50 Natoma Street, Folsom, CA 95630) and at the Folsom Public Library (Georgia Murray Building, 411 Stafford Street, Folsom, CA 95630). The document will also be available on the City's Web site: http://www.folsom.ca.us/about/whats\_new/sphere.asp.

The FEIS will be available for public review for 30 days after a notice is published in the Federal Register. Written comments should be sent to the following address:

Lisa Gibson, Senior Project Manager U.S. Army Corps of Engineers Regulatory Division, California Delta Branch 650 Capitol Mall, Suite 5-200 Sacramento, CA 95814 Fax: (916) 557-6877 E-mail: Lisa.M.Gibson2@usace.army.mil

The EIR is intended to be used by the Folsom City Council when considering approval of the Proposed Project or an alternative to the Proposed Project. The EIS is intended to be used by USACE in determining whether to issue the 404 permits.

Following completion and publication of the FEIR/FEIS, the Folsom City Council will hold a public meeting to consider certification of the EIR and to decide whether or not to approve the Proposed Project or another alternative, at which time the public and interested agencies and organizations may comment on the project. A notice of determination (NOD) will then be filed. If the City Council approves the Proposed Project (or another alternative), it will adopt written findings of fact for each significant environmental impact identified in the EIR; a statement of overriding considerations, if needed; and a mitigation monitoring and reporting program.

USACE will circulate the FEIS for a minimum of 30 days before taking action on the permit application and issuing its ROD. The ROD will address the decision, alternatives considered, the environmentally superior alternative, relevant factors considered in the decision, and mitigation and monitoring.

Based on the analysis contained in the DEIR/DEIS, the No Project Alternative would have the fewest environmental impacts and therefore would be the environmentally superior alternative under CEQA. Under CEQA, if the No Project Alternative is determined to be environmentally superior, the EIR must also identify the environmentally superior alternative among the other alternatives. Thus, among the action alternatives carried forward for analysis, either the No USACE Permit, Resource Impact Minimization, or Centralized Development Alternatives could be considered the Environmentally Superior Alternative for the "Land" portion of the project under CEQA. Off-site Water Facility Alternative 2B would be considered the Environmentally Superior Alternative for the "Water" portion of the project under CEQA. Under NEPA, the environmentally superior alternative does not need to be identified until the ROD is issued; therefore, it is not identified in this FEIR/FEIS.

#### 1.9 ORGANIZATION AND FORMAT OF THE FINAL EIR/EIS

This FEIR/FEIS is organized as follows:

- ► Chapter 1, "Introduction," describes the purpose and content of the FEIR/FEIS.
- Chapter 2, "Minor Modifications to the Project," contains a description of minor changes to the project description that have been made since the DEIR/DEIS was circulated for public review.
- Chapter 3, "Master Responses," presents responses to significant environmental issues raised in multiple comments. These have been termed "master responses." They are organized by topic to provide a more comprehensive response than may be possible in responding to individual comments, and so that reviewers can readily locate all relevant information pertaining to an issue of concern.
- Chapter 4, "Comments and Individual Responses," contains a list of all agencies and persons who submitted comments on the DEIR/DEIS during the public review period, copies of the comment letters submitted on the DEIR/DEIS, cross references to relevant master responses, and individual responses to the comments that are not addressed in master responses.
- Chapter 5, "Errata," presents corrections and other revisions to the text of the DEIR/DEIS based on issues
  raised by comments, clarifications, or corrections. Changes in the text are signified by strikeouts where text is
  removed and by <u>underline</u> where text is added.
- Chapter 6, "References," includes the references to documents used to support the comment responses.
- Chapter 7, "List of EIR/EIS Preparers," lists the individuals who assisted in the preparation of this FEIR/FEIS.
- ► Appendices. Several new and/or revised technical appendices are attached to the back of this FEIR/FEIS.

The DEIR/DEIS consisted of two volumes plus appendices. This document and its appendices, together with the three volumes and appendices of the DEIR/DEIS, constitute the FEIR/FEIS.

# **1.10 SUMMARY OF IMPACTS AND MITIGATION MEASURES**

Table 1-1 summarizes the environmental impacts of the Proposed Project and the other alternatives under consideration, the level of significance of each impact before mitigation, recommended mitigation measures, and the level of significance of each impact after mitigation, as presented in the DEIR/DEIS, and incorporating the revisions (with strikeouts and/or underline) shown in Chapter 5, "Errata" of this FEIR/FEIS.

	Table 1-1 Summary of Impacts and Mitigat	ion Measures				
Impact Land/Water/GPA Significance						
	Mitigation					
3A.1 AESTHETIC	CS - LAND					
<b>3A.1-1: Substantia</b> result in the degrad	Al Adverse Effect on a Scenic Vista. Project implementation would La ation of the visual quality of a scenic vista.	nd ON- NP: direct L' ON- NCP, PP, RI OFI Direct LTS, r	• & OFF-SITE ITS, no indirect •SITE •M, CD, RHD: direct significant, no indirect F-SITE no indirect			
ON-SITE		,				
NP: No mitigation	measures required.					
the City of Folsom. Implementation: Timing:	Project applicant(s) of all project phases for any particular discretionary 1. Plans and specifications: before approval of grading plans and buildi 2. Construction: before the start of earthmoving activities approval of a	y development applicat ng permits	ion adjacent to U.S. 50.			
	2. Construction: before the start of cartinoving activities approval of o	coupancy permits asso	cisted with residential and commercial linits			
	3. Maintenance: in perpetuity		clated with residential and commercial units			
Enforcement:	3. Maintenance: in perpetuity City of Folsom Community Development Department and Caltrans		clated with residential and commercial units			
Enforcement: Significance after 1	3. Maintenance: in perpetuity City of Folsom Community Development Department <del>and Caltrans</del> <i>Mitigation: significant and unavoidable</i>		clated with residential and commercial units			
Enforcement: Significance after I OFF-SITI	<ul> <li>Maintenance: in perpetuity</li> <li>City of Folsom Community Development Department and Caltrans</li> <li>Mitigation: significant and unavoidable</li> <li>E</li> </ul>		clated with residential and commercial units			
Enforcement: <i>Significance after I</i> <b>OFF-SITI</b> No mitigation meas	<ul> <li>Maintenance: in perpetuity</li> <li>City of Folsom Community Development Department and Caltrans</li> <li>Mitigation: significant and unavoidable</li> <li>E</li> <li>Sures are required.</li> </ul>		clated with residential and commercial units			

	Summary of Impacts and Mitigation Measures						
	Impact	L	and/Water/GP/	A Się	gnificance		
	Mitigation						
	<b>3A.1-2: Damage to Scenic Resources Within a Designated Scenic Corrido</b> implementation could damage the character of the viewshed from a County-descenic corridor.	or. Project esignated	t Land	ON- & OFF-SITE NP: direct LTS, no indirect ON-SITE NCP, PP, RIM, CD, RHD: o OFF-SITE No direct or indirect	direct significant, no indirect		
	<b>ON-SITE</b>						
	NP: No mitigation measures required.						
	NCP, PP, RIM, CD, RHD: No feasible mitigation measures are available.						
	OFF-SITE						
	No mitigation measures are required.						
	Significance after Mitigation: significant and unavoidable						
	<b>3A.1-3: Substantial Degradation of Existing Visual Character or Quality</b> <b>Site and its Surroundings.</b> Project implementation would substantially degra visual character of the SPA through conversion of rolling hills and oak woodl	of the ade the land to	Land	ON- & OFF-SITE NP: direct & significant, no is ON-SITE	ndirect		
	developed urban uses.			NCP, PP, RIM, CD, RHD: ( OFF-SITE	direct significant, no indirect		
				Direct significant, no indirect Direct LTS, no indirect (other	t (detention basin) r off-site improvements)		
1	ON-SITE						
	<b>NP:</b> No mitigation measures required.						
	NCP, PP, RIM, CD, RHD: Implement Mitigation Measures 3A.1-1 and 3A.	7-4a.					
	OFF-SITE						
	No mitigation measures are required (other off-site improvements)						
	Significance after Mitigation: significant and unavoidable						
			(Proposed De		DIM (Decourse Impect Minimi		
CD	(Centralized Development) RHD (Reduced Hillside Development)	PP PA	(Preferred Off-s	site Water Facility Alternative)			
•				(Ciarrificant) C			

			Summary of	-Table 1 Impacts and I	1 /itigation Me	asures	
		Ir	npact		Land/Water/GP	A	Significance
			Mitigation				
<b>3A.1-4: Tempora</b> <b>Project Land Use</b> phases of construct involve the temport and materials, white been developed.	ry, Sho es Duris etion ov rary and ch wou	rt-Term De ng Construc er a 20-year- l short-term u ld be visible	gradation of Visual Character tion. Project implementation we buildout period. Construction a use of staging areas for construc- to adjacent project land uses that	r for Developed ould involve fou ctivity would ction equipment at have already	Land r	NP: direct LTS, no indire NCP, PP, RIM, CD, RH	ect <b>D:</b> direct significant, no indirect
NP: No mitigation	n measu	res are requir	ed.				
discretionary deve residential areas, s of grading plans <del>at</del> extent practicable. appropriate agency	lopmen chools, nd buik Screen y to furt	t application parks) as fea ling permits s may includ her reduce v	shall locate staging and materia sible. Staging and material stor or all project phases and shall b e, but are not limited to, the use sual effects to the extent possib	al storage areas a age areas shall b be screened from of such visual b ble.	is far away from e approved by adjacent occu parriers such as	n sensitive biological resou the appropriate agency (ide pied land uses in earlier de berms or fences. The scree	arces and sensitive land uses (e.g. entified below) before the approv velopment phases to the maximum en design shall be approved by the
Mitigation for the applicable project feasible the visual	off-site phase <u>i</u> effects	elements out n consultation of constructi	side of the City of Folsom's jun with the affected oversight ag on activities on adjacent projection	risdictional bour ency(ies) (i.e., E t land uses that h	daries shall be l Dorado and/c ave already be	eoordinated <u>developed</u> by or Sacramento Counties, an <u>en developed.</u>	the project applicant(s) of each d Caltrans) to reduce to the exten
Implementation:	Proj	ect applicant	(s) <del>of all project phases</del> for any	particular discre	tionary develo	pment application.	
Timing:	Bef	ore approval	of grading plans <del>and building p</del>	<del>ermits</del> and durir	g construction	for all project phases.	
Enforcement:	1.	For those in of Folsom (	nprovements that would be loca Community Development Depa	ated within the C rtment.	ity of Folsom:	City of Folsom Neighborh	ood Services Department and Cir
	2.	For the two	local roadway connections from	m Folsom Heigh	ts into El Dora	do Hills: El Dorado County	y Community Services Departme
	3.	For the U.S	50 interchange improvements	: Caltrans.			
Significance after	Mitiga	tion: signific	ant and unavoidable				
<b>3A.1-5: Creation</b> <b>Adversely Affect</b> Project implement cause new and inc	of a Ne Day or ation w reased	w Source of Nighttime V ould require ight and glar	Substantial Light or Glare the Views in the Area New Light a lighting of new development, we	at would and Glare. which would	Land	NP: direct LTS, no indire NCP, PP, RIM, CD, RH	ect <b>D:</b> direct significant, no indirect
<b>NP:</b> No mitigation	n measu	res are requi	ed.				
NCP, PP, RIM, C Lighting Plan. To	<b>CD, RH</b> reduce	<b>D: Mitigatio</b> impacts asso	<b>n Measure 3A.1-5: Establish</b> becauted with light and glare, the	and Require Co City shall:	onformance to	Lighting Standards and	Prepare and Implement a
No Action/No Project (Centralized Develop	t) ment)		NCP (No USACE Permit) RHD (Reduced Hillside Developme	P ent) P	P (Proposed Pro A (Preferred Off-	ject) site Water Facility Alternative;	RIM (Resource Impact Minimizat
eneficial)	NI (No ir	npact)	LTS (Less than significant)	PS (Poten	ially significant)	S (Significant)	SU (Significant and unavoidable)

	Table 1-1           Summary of Impacts and Mitigation Measures					
	Impact	Land/Water/GPA	Significance			
	Mitigation					
•	Establish standards for on-site outdoor lighting to reduce high-intensity guidelines/standards. Consideration shall be given to design features, r light sources, that would reduce effects of nighttime lighting. In addition lighting features to further reduce excess nighttime light.	y nighttime lighting and glare as part of namely directional shielding for street lig on, consideration shall be given to the u	the Folsom Specific Plan design ghting, parking lot lighting, and other substant se of automatic shutoffs or motion sensors for			
►	Use shielded or screened public lighting fixtures to prevent the light fr	om shining off of the surface intended t	o be illuminated.			
То	reduce impacts associated with light and glare, the project applicant(s) of	of all project phases shall:				
►	Shield or screen lighting fixtures to direct the light downward and prev	vent light spill on adjacent properties.				
•	Place and shield or screen $f_{\overline{F}}$ lood and area lighting needed for construct residential areas and passing motorists shall be screened or aimed no h to the side) when the source is visible from any off-site residential properties of the side of the sid	ction activities, nighttime sporting activitigher than 45 degrees above straight do perty or public roadway.	ities, and/or security so as not to disturb adjac wn (half-way between straight down and strai			
Þ	For public lighting in residential neighborhoods, prohibit the use of lig low-pressure sodium, or fluorescent bulbs) or that blink or flash.	the fixtures that are of unusually high int	tensity or brightness (e.g., harsh mercury vapo			
• Use appropriate building materials (such as low-glare glass, low-glare building glaze or finish, neutral, earth-toned colored paint and roofing materials), shielded or screened lighting, and appropriate signage in the office/commercial areas to prevent light and glare from adversely affecting motorists on nearby roadways.						
►	Design exterior on-site lighting as an integral part of the building and l architecturally consistent with the overall site design.	andscape design in the Folsom Specific	e Plan area. Lighting fixtures shall be			
►	Lighting of off-site facilities within the City of Folsom shall be consist	tent with the City's General Plan standa	rds.			
►	Lighting of the off-site detention basin shall be consistent with Sacram	ento County General Plan standards.				
•	Lighting of the two local roadway connections from Folsom Heights o standards.	ff-site into El Dorado Hills shall be con	sistent with El Dorado County General Plan			
A l age be : par	ighting plan for all on- and off-site elements within the each agency's ju ency for review and approval, which shall include the above elements. T submitted before the installation of any lighting or the approval of build ticular discretionary development application shall implement the appro-	risdictional boundaries (specified below he lighting plan may be submitted conc ing permits for each phase. The project wed lighting plan.	v) shall be submitted to the relevant jurisdicti urrently with other improvement plans, and s applicant(s) of all project phases for any			
Mit pro	tigation for the off-site elements outside of the City of Folsom's jurisdic ject phase with the affected oversight agency(ies) (i.e., El Dorado and/o	tional boundaries must be coordinated b r Sacramento Counties).	by the project applicant(s) of each applicable			
P10	plementation: Project applicant(s) of all project phases for any parti	cular discretionary development applica	ation.			
Im		nhasa				
Im <sub>l</sub> Tin	ning: Before approval of building permits for each project	phase.				

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

B (Beneficial)

NI (No impact)

LTS (Less than significant)

	Summary of Imp	Table 1-1 acts and Mitigation Me	asures	
	Impact	Land/Water/GP	A	Significance
	Mitigation			
Dep	partment and City of Folsom Community De	evelopment Department.		
2. For	the off-site detention basin: Sacramento Co	unty Planning Department		
3. For	the two local roadways off-site into El Dora	do Hills: El Dorado Coun	ty Community Services De	partment.
Significance after Mitigation:	less than significant			
<b>3A.1-6: New Skyglow Effects</b> development that would result obscuring views of stars, const	• Project implementation would require ligh in the generation of new and increased skyg ellations, and other features of the night sky	ting of new Land low effects,	NP: direct & LTS, no ind NCP, PP, RIM, CD, RH	irect D: significant & direct, no indirect
NP: No mitigation measures re	equired.			
NCP, PP, RIM, CD, RHD: In	nplement Mitigation Measure 3A.1-5.			
Significance after Mitigation:	significant and unavoidable			
<b>3B.1 AESTHETICS - WATE</b>	R			
<b>3B.1-1: Substantial Adverse I</b> Water Facility Alternatives wo a scenic vista. <b>NCP, PA, 1, 1A, 2, 2A, 2B, 3,</b> <i>Significance after Mitigation</i> :	<ul> <li>Effect on a Scenic Vista. Implementation o uld not result in the degradation of the visua</li> <li>3A, 4, &amp;4A: No mitigation measures are release than significant</li> </ul>	f the Off-site Water al quality of quired.	<b>NCP, PA, 1, 1A, 2, 2A, 2</b> LTS	2 <b>B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp;4A</b> : direct & indirect
3B.1-2: Substantial Degradat "Water" Study Area. Implem could substantially degrade the Study Area and its surrounding	<b>ion of Existing Visual Character or Quali</b> entation of the Off-site Water Facility Alter existing visual character or quality of the "	<b>ity of the</b> Water natives Water"	<b>NCP, PA, 1, 1A, 2, 2A, 2</b> PS	<b>2B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp;4A</b> : direct & indirect
<ul> <li>NCP, PA, 1, 1A, 2, 2A, 2B, 3, above-ground facilities, includi storage tank facilities. Bright reprovided in applicable land use</li> <li>painting (with earth-colore</li> <li>use of fencing or structural</li> <li>installation of berms and/o</li> <li>clustering of structural factories</li> </ul>	<b>3A, 4, &amp;4A: Mitigation Measure 3B.1-2a</b> ing the choice of color and materials, shall s effective materials and colors shall be avoid plans. Minimum exterior design requireme ed tones) of structural façades to blend with l materials similar to those used by nearby la or landscaping around the facility (see Mitig ilities to maximize open space buffering.	<b>: Enhance Exterior Appe</b> eek to reduce the visual in ed. As appropriate, the ext nts shall include, but are r surrounding land uses, and uses, ation Measure 3B.2-2b for	earance of Structural Faci npact of the proposed WTP erior design of these faciliti tot limited to, the following	<b>ilities.</b> The external appearance of , pump station, and above-ground ies should follow design guidelines :
(No Action/No Project) (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ject) site Water Facility Alternative)	RIM (Resource Impact Minimization)
Beneficial) NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Measu	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
Implementation:	City of	Folsom Utilities Department			
Timing:	Prior to	approval of grading plans and building perm	its for WTP, pump stations, an	nd storage tank facilities	
Enforcement:	1. Fo C	or structural improvements that would be loca ity of Folsom Community Development Depa	ted within the City of Folsom: artment.	City of Folsom Neighb	orhood Services Department and
	2. Fo C	or structural improvements that would be loca ommunity Development Department.	ted within unincorporated Sac	ramento County: Sacrar	nento County Planning and
	3. Fe	or structural improvements that would be loca	ted within the City of Rancho	Cordova: City of Ranch	o Cordova Planning Department.
locally derived nat shield the new faci following at each s	ive vegeta ilities from site:	tion, earthen features (e.g., boulders), and, if a nearby sensitive receptors to the extent feasi	appropriate, topographical sep ble. In addition to complying v	arations (e.g., berms) to with local standards, the $t_{1}^{(1)}$	maximize site appearance and landscaping plan shall require the
<ul> <li>Vegetation sha minimize the</li> </ul>	need for su	ipplemental irrigation.	nce the visual and scenic qual	ities of the site(s). To the	e extent practical, the design will
<ul> <li>New or replace growth rate, etc.</li> </ul>	ement veg rosion con	etation shall be compatible with surrounding trol, and energy conservation purposes.	vegetation and shall be adapta	ble to the site with regar	d to rainfall, soil type, exposure,
<ul> <li>Plant material maintenance,</li> </ul>	s chosen s	hall be species which do not present any safet watering, pest control, and clean-up of litter fi	y hazards, which allow native om fruit and droppings.	flora to reestablish in th	e area, and which require minimal
Implementation:	City of	Folsom Utilities Department			
Timing:	Prior to	approval of grading plans and building perm	its for WTP, pump stations, an	nd storage tank facilities	
Enforcement:	1. Fo C	or structural improvements that would be loca ity of Folsom Community Development Department	ted within the City of Folsom: artment.	City of Folsom Neighb	orhood Services Department and
	2. Fo C	or structural improvements that would be loca ommunity Development Department.	ted within unincorporated Sac	ramento County: Sacrar	nento County Planning and
	3. Fe	or structural improvements that would be loca	ted within the City of Rancho	Cordova: City of Ranch	o Cordova Planning Department.
Significance after	Mitigation	n: less than significant			
(No Action/No Project (Centralized Develop	:) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimizatior
3eneficial)	VI (No impa	ct) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		T Summary of Impact	able 1-1 s and Mitigation Me	asures	
		mpact	Land/Water/GP	Α	Significance
		Mitigation			
<b>3B.1-3: Creation</b> <b>Adversely Affect</b> Implementation of of substantial light "Water" Study Art	of a New Source o Day or Nighttime The Off-site Water or glare, which co ea.	f Substantial Light or Glare that woul Views in the "Water" Study Area. Facility Alternatives would create new suld adversely affect day or nighttime vie	d Water sources ws in the	NCP, PA, 1, 1A, 2, 2A, 2 indirect	2B, 3, 3A, 4, &4A: direct PS, no
NCP, PA, 1, 1A, 2 to daylight hours t not located and din nighttime construct	<b>2</b> , <b>2A</b> , <b>2B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , o the extent possible ected to shine towation lighting within	<b>&amp;4A: Mitigation Measure 3B.1-3a: C</b> e. If nighttime lighting or construction is rd or be directly visible from adjacent p 500 feet of existing residences. This me	onformance to Constr s necessary, the City shares roperties or streets. To the easure shall be identifie	<b>Auction Lighting Standar</b> all ensure that unshielded l the extent possible, the Cit d on grading plans and in o	<b>ds.</b> The City shall limit construction ights, reflectors, or spotlights are y shall minimize the use of construction contracts.
Implementation:	City of Folsom Util	ities Department			
Timing:	Prior to approva	l of grading plans and building permits	for WTP, pump stations	s, and storage tank facilitie	S.
Enforcement:	1. For structu City of Fo	ral improvements that would be located som Community Development Departm	within the City of Fols ent.	om: City of Folsom Neigh	borhood Services Department and
	2. For structu Communit	ral improvements that would be located y Development Department.	within unincorporated	Sacramento County: Sacra	mento County Planning and
Mitigation Measu Facilities-related of outdoor lighti flood or spot	<b>ire 3B.1-3b: Prepa</b> utdoor light source ng shall be properly amps installed as p	rai improvements that would be located re and Submit a Lighting Master Plan s. The Lighting Master Plan shall includ shielded and installed to prevent light t art of the Off-site Water Facilities shall	The City shall prepare     the following minimum     respass on adjacent pro     be aimed no higher that	e a Lighting Master Plan t m requirements: perties; a 45 degrees above straigh	t down (half-way between straigh
down and stra	ight to the side) wh	en the source is visible from any off-site	residential property or	public roadway;	
► prohibit the us	se of harsh mercury	vapor, low-pressure sodium, or fluoreso	ent bulbs for public lig	hting in residential neighb	orhoods; and
► comply with r	equirements of loca	Il jurisdiction, if applicable.			
Implementation:	City of Folsom	Utilities Department			
Timing:	Prior to approva	l of grading plans and building permits	for WTP, pump stations	s, and storage tank facilitie	S.
Enforcement:	1. For structu City of Fo	ral improvements that would be located som Community Development Departm	within the City of Fols ent.	om: City of Folsom Neigh	borhood Services Department and
	2. For structu Communit	ral improvements that would be located y Development Department.	within unincorporated	Sacramento County: Sacra	mento County Planning and
	3. For structu	ral improvements that would be located	within the City of Rand	cho Cordova: City of Ranc	ho Cordova Planning Departmen
Significance after	Mitigation: less th	an significant			
(No Action/No Project (Centralized Develop	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ect) site Water Facility Alternative	RIM (Resource Impact Minimizati )
eneficial) I	NI (No impact)	LTS (Less than significant)	S (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECON Introdu	Table 1-1         Summary of Impacts and Mitigation Measures							
/ ction	Impact	Land/Water/GPA	Significance					
	Mitigation							
	3A.2 AIR QUALITY - LAND							
	<b>3A.2-1: Generation of Construction Emissions of NO<sub>x</sub> and PM<sub>10</sub>.</b> Const activities associated with the project would generate intermittent emissions PM <sub>10</sub> . Because of the large size of the project, construction-generated emiss NO <sub>x</sub> , an ozone precursor, and fugitive PM <sub>10</sub> dust would exceed SMAQMD recommended thresholds and would substantially contribute to emissions concentrations that exceed the NAAQS and CAAQS. Thus, project-generat construction-related emissions of criteria air pollutants and precursors could contribute substantially to an existing or projected air quality violation, exp sensitive receptors to substantial pollutant concentrations, and/or conflict w quality planning efforts.	ructionLand <b>ON-SITE</b> of $NO_X$ and <b>NP:</b> direct LTS, noions of <b>NCP, PP, RIM, RI</b> OFF-SITIOFF-SITIbirect significant, red,birect significant, rl violate oroseith air	indirect <b>HD, CD:</b> direct significant, no indirect o indirect					
1-22 Fc	ON-SITE NP: No mitigation measures required. NCP, PP, RIM, RHD, CD: Mitigation Measure 3A.2-1a: Implement Measures to Control Air Pollutant Emissions Generated by Construction of Elements. To reduce short-term construction emissions, the project applicant(s) for all project phases any particular discretionary development application require their contractors to implement SMAQMD's list of Basic Construction Emission Control Practices, Enhanced Fugitive PM Dust Control Practices. Enhanced Exhaust Control Practices (list below) or whatever mitigation measures are recommended by SMAQMD in effect at the time individual portion site undergo construction. In addition to SMAQMD-recommended measures, construction operations shall comply with all applicable SMAQMD rules a							
olsor	Basic Construction Emission Control Practices							
n South	<ul> <li>Water all exposed surfaces two times daily. Exposed surfaces include, access roads.</li> </ul>	but are not limited to soil piles, graded areas, u	npaved parking areas, staging areas, and					
n of U.S	<ul> <li>Cover or maintain at least two feet of free board space on haul trucks tr traveling along freeways or major roadways should be covered.</li> </ul>	ansporting soil, sand, or other loose material o	n the site. Any haul trucks that would be					
3. High	<ul> <li>Use wet power vacuum street sweepers to remove any visible trackout prohibited.</li> </ul>	mud or dirt onto adjacent public roads at least	once a day. Use of dry power sweeping is					
way 50 Sp City o	<ul> <li>Limit vehicle speeds on unpaved roads to 15 miles per hour (mph).</li> <li>All roadways, driveways, sidewalks, parking lots to be paved should be possible after grading unless seeding or soil binders are used.</li> </ul>	e completed as soon as possible. In addition, bu	uilding pads should be laid as soon as					
ecific Plan F f Folsom an	<ul> <li>Minimize idling time either by shutting equipment off when not in use control measure [Title 13, Section 2485 of the California Code of Regu to the site.</li> </ul>	or reducing the time of idling to 5 minutes (as lations]). Provide clear signage that posts this	required by the state airborne toxics requirement for workers at the entrances					
-EIR/FEIS	NP (No Action/No Project)       NCP (No USACE Permit)         CD (Centralized Development)       RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Facility Alter	RIM (Resource Impact Minimization)					
	B (Beneficial) NI (No impact) LTS (Less than significant)	PS (Potentially significant) S (Significant)	SU (Significant and unavoidable)					

B (Beneficial)

	Table 1-1           Summary of Impacts and Mitigation Measures					
	Impact	Land/Water/GPA	Significance			
	Mitigation					
•	Maintain all construction equipment in proper working condition a mechanic and determine to be running in proper condition before i	ccording to manufacturer's specifications. T	The equipment must be checked by a certified			
En	hanced Fugitive PM Dust Control Practices – Soil Disturbance A	Areas				
> > >	Water exposed soil with adequate frequency for continued moist so Suspend excavation, grading, and/or demolition activity when win <u>Install wind breaks (e.g., plant trees, solid fencing) on windward si</u>	bil. However, do not overwater to the exten d speeds exceed 20 mph. de(s) of construction areas.	t that sediment flows off the site.			
►	Plant vegetative ground cover (fast-germinating native grass seed)	in disturbed areas as soon as possible. Wat	er appropriately until vegetation is established.			
En	hanced Fugitive PM Dust Control Practices – Unpaved Roads					
►	Install wheel washers for all exiting trucks, or wash off all trucks a	nd equipment leaving the site.				
•	Treat site accesses to a distance of 100 feet from the paved road war and road dust carryout onto public roads.	th a 6 to 12-inch layer of wood chips, mulc	ch, or gravel to reduce generation of road dust			
•	Post a publicly visible sign with the telephone number and person take corrective action within 48 hours. The phone number of SMA	to contact at the construction site regarding QMD and the City contact person shall also	dust complaints. This person shall respond and obe posted to ensure compliance.			
En	hanced Exhaust Control Practices					
•	The project shall provide a plan, for approval by the City of Folsom horsepower [hp] or more) off-road vehicles to be used in the construt fleet-average 20% NO <sub>X</sub> reduction and 45% particulate reduction cor the time of construction. Acceptable options for reducing emissions retrofit technology, after-treatment products, and/or other options as shall submit to the City of Folsom Community Development Depart to or greater than 50 hp, that would be used an aggregate of 40 or me horsepower rating, engine production year, and projected hours of us throughout the duration of the project, except that an inventory shall hours prior to the use of heavy-duty off-road equipment, the project start date, and name and phone number of the project manager and cequipment fleet that achieves this reduction (SMAQMD 2007a). The SPA do not exceed 40% opacity for more than three minutes in any repaired immediately, and the City and SMAQMD shall be notified operation equipment shall be made at least weekly, and a monthly su except that the monthly summary shall not be required for any 30-dar quantity and type of vehicles surveyed as well as the dates of each su determine compliance. Nothing in this mitigation measure shall super-	Community Development Department and S ction project, including owned, leased, and s mpared to the most current California Air Re may include use of late-model engines, low- they become available. The project applican ment and SMAQMD a comprehensive inver- ore hours during any portion of the construct se for each piece of equipment. The inventor not be required for any 30-day period in wh representative shall provide SMAQMD with n-site foreman. SMAQMD's Construction N e project shall ensure that emissions from all one hour. Any equipment found to exceed 44 within 48 hours of identification of non-com immary of the visual survey results shall be by period in which no construction activity of urvey. SMAQMD staff and/or other officials ersede other SMAQMD or state rules or regu	SMAQMD, demonstrating that the heavy-duty (50 subcontractor vehicles, will achieve a project wide sources Board (ARB) fleet average that exists at emission diesel products, alternative fuels, engine ht(s) of each project phase or its representative ntory of all off-road construction equipment, equal tion project. The inventory shall include the ry shall be updated and submitted monthly hich no construction activity occurs. At least 48 in the anticipated construction timeline including Mitigation Calculator can be used to identify an off-road diesel powered equipment used on the 0 percent opacity (or Ringelmann 2.0) shall be upliant equipment. A visual survey of all in- submitted throughout the duration of the project, ccurs. The monthly summary shall include the s may conduct periodic site inspections to alations.			

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Impact	Land/Mator/CDA		Significanco
	Impact	Land/water/GPA		Significance
	Mitigation			
<ul> <li>If at the time of new guidance n permits. Such a</li> </ul>	construction, SMAQMD has adopted a regulation or hay completely or partially replace this mitigation if in determination must be supported by a project level a	new guidance applicable to cont t is equal to or more effective the nalysis and be approved by SM	nstruction emissions, co an the mitigation conta AQMD.	mpliance with the regulation or ined herein, and if SMAQMD so
Implementation:	The project applicant(s) of all project phases.			
Timing:	Before the approval of all grading plans by the City	and throughout project constru	ction, where applicable	, for all project phases.
Enforcement:	City of Folsom Community Development Departme	ent		
SMAQMD threshol Additionally, Mitiga potential to both red Therefore, the proje reducing NO <sub>X</sub> emiss be added to or subtr calculated when the Proposed Project or the applicants must applicant(s) in const discretionary develo NO <sub>X</sub> that exceed SM SMAQMD at the tin administrative fee (s disturbance occurs f a consistent rate over \$517,410 to \$824,14 threshold of signific other phases of the site emissions reduc Sacramento County Implementation:	The Proposed Project of the other roun other action after d of significance, even after implementation of the SM tion Measure 3A.4-1 (Implement Additional Measure uce and increase NO <sub>x</sub> emissions, depending on the ty et applicant(s) shall pay SMAQMD an off-site mitigations to a less-than-significant level (i.e., less than 85 acted from the amount above the construction threshod daily construction emissions can be more accurately one of the other four other action alternatives, the Cit develop a detailed construction schedule. Calculation altation with SMAQMD staff before the approval of g pment application shall pay into SMAQMD's off-site (AQMD's daily emission threshold of 85 lb/day. The ne the calculation and payment are made. At the time SMAQMD 2008c). The determination of the final mit for any project phase. Based on information available r a 19-year period (and averaging of 22 work days pe 19, depending on which alternative is selected. Becaus ance of 85 lb/day, total fees would be substantially gr 9-year build out period, and in any event, based on th tions. Such purchases are made through SMAQMD's can repower or retrofit their old engines with cleaner The project applicant(s) of all project phases.	Indives would result in constit <i>A</i> QMD Enhanced Exhaust Co es to Control Construction-Gen pes of alternative fuels and eng- tion fee for implementation of a lb/day). <u>All NO<sub>x</sub> emission redu-</u> ld to determine off-site mitigat determined: that is, if the City// y and the applicants must estab- of fees associated with each pr grading plans by the City. The p- e construction mitigation fund t calculation of daily NO <sub>x</sub> emission of writing this EIR/EIS the cos- igation fee shall be conducted if at the time of writing this EIR/ r month), it is estimated that the set the fee is based on the mass- eater if construction activity is ne actual cost rate applied by SI Heavy Duty Incentive Program engines or technologies.)	introl Practices (listed in erated GHG Emissions, ine types employed. Introl Practices (listed in erated GHG Emissions, ine types employed. Introl the five action al ctions and increases ass on fees, when possible. JSACE select and certi- lish the phasing by whi- opect development phas roject applicant(s) for en- or further mitigate constr- ions shall be based on the trate is \$16,000 to redu in coordination with SM EIS, and assuming that e off-site construction in quantity of emissions the more intense during son AQMD. (This fee is u in, through which select	ternatives for the purpose of sociated with GHG mitigation sha The specific fee amounts shall b fy the EIR/EIS and approves the ch development would occur, and e shall be conducted by the proje dl project phases any particular ruction-generated emissions of the cost rate established by use 1 ton of NO <sub>X</sub> plus a 5% (AQMD before any ground construction would be performed nitigation fees would range from at exceed SMAQMD's daily ne phases and less intense during sed by SMAQMD to purchase of owners of heavy-duty equipment
Timing:	Before the approval of all grading plans by the City	and inroughout project constru	cuon for all project pha	ses.
Enforcement:	The City of Folsom Community Development Depa respective project applicant(s) have paid the approp	artment shall not grant any grad priate off-site mitigation fee to s	ing permits to the respe SMAQMD.	ctive project applicant(s) until the
No Action/No Project) Centralized Developm	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimizati
eneficial) NI	(No impact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Folsom City of I		Table 1-1           Summary of Impacts and Mitigation Measures					
Sout <sup>-</sup> olso		Impact	Land/Water/GPA	Significance			
h of I		Mitigation					
U.S. Highway 50 Specific Plan FEIR/FEIS Id USACE 1-25	Mitigation Measu Sensitive Receptor land uses, the proj specific EIR) that receptors. The disp the time of writing to Air Quality Ass 	<b>Tre 3A.2-1c:</b> Perform a Project-Level Analysis ors Resulting from Construction of On-Site Elect ect applicant shall perform a project-level CEQA includes detailed dispersion modeling of construc- persion modeling shall be performed in accordance this EIR/EIS, SMAQMD's most current and mo essment in Sacramento County (SMAQMD 2009 ivities, including the year during which construct d by the project that exist at the time the construct All detailed, project-level analysis shall be per each <u>discretionary</u> development <del>phase</del> <u>entitler</u> Before the approval of all grading plans by th City of Folsom Community Development Dep <b>TE</b> <b>Tre 3A.2-1d: Implement SMAQMD's Basic Co- nento County.</b> The applicants responsible for the MD's Basic Construction Emission Control Prace	to Disclose <u>Analyze and Disclose</u> Projected Pl ments. Prior to construction of each <u>discretiona</u> analysis (e.g., supporting documentation for an tion-generated PM <sub>10</sub> to disclose what PM <sub>10</sub> conce with applicable SMAQMD guidance that is in st detailed guidance for addressing construction- a). The project-level analysis shall incorporate c ion would be performed, as well as the proximit ion activity would occur. formed <u>and funded</u> by the project applicant(s) <del>a</del> <u>nent</u> . All feasible mitigation shall be also be fund- e City. bartment <b>instruction Emission Control Practices during</b> construction of each off-site element in Sacram- tices during construction. A list of SMAQMD's	M <sub>10</sub> Emission Concentrations at Nearby ry development phase <u>entitlement</u> of on-site <u>exemption, negative declaration, or project</u> - centrations would be at nearby sensitive a place at the time the analysis is performed. At -generated PM <sub>10</sub> emissions is found in its Guide letailed parameters of the construction y of potentially affected receptors, including and fully funded by the project applicant of <u>for</u> ded by the project applicant(s).			
	Mitigation for the applicable project	off-site elements outside of the City of Folsom's phase with the affected oversight agency(ies) (i.e or comparable feasible measures	jurisdictional boundaries must be <del>coordinated</del> <u>de</u> ., Sacramento County or Caltrans) <u>to implement</u>	eveloped by the project applicant(s) of each SMAQMD's Basic Construction Emission			
	Implementation:	The project applicant(s) responsible for const	ruction of each off-site element in Sacramento C	County.			
	Timing:	Before the approval of all grading plans from	SMAQMD.	,			
	Enforcement:	1. For all off-site improvements within Sac	ramento County: Sacramento County Planning a	and Community Development Department.			
		2. For the U.S. 50 interchange improvement	ts: Caltrans.				
Revisions to the [	Mitigation Measu Roadway Connect a fugitive dust com the EDCAQMD-a plan is developed, Mitigation for the applicable project	Mitigation Measure 3A.2-1e: Implement EDCAQMD-Recommended Measures for Controlling Fugitive $PM_{10}$ dust During Construction of the Two Roadway Connections in El Dorado County. Prior to construction of each roadway extension in El Dorado County, the applicants or its contractors shall develop a fugitive dust control plan that is approved by EDCAQMD and the applicants shall require their contractors to implement the dust control measures identified in the EDCAQMD-approved fugitive dust control plan. The fugitive dust control plan shall contain measures that are recommended by EDCAQMD at the time the plan is developed, which may include, but is not limited to, the current list of EDCAQMD-recommended dust control measures provided in Table 3A.2-5 below. Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries must be coordinated developed by the project applicant(s) of each applicable project phase in consultation with the affected oversight agency(ies) (i.e., El Dorado County).					
AECOM DEIR/DEIS	NP (No Action/No Projec CD (Centralized Develop	t) NCP (No USACE Permit) ment) RHD (Reduced Hillside Develop	PP (Proposed Project) ment) PA (Preferred Off-site Water Facili	RIM (Resource Impact Minimization) ty Alternative)			

		Summary of Impa	acts and Mitigation Meas	ures	
	Ir	npact	Land/Water/GPA		Significance
		Mitigation			
	EDCAC	Table 3A.2-5	t Control Maggurog		
	Sourco	amb-Recommend Fugitive Dus	Mitigation Moscuro		
Soil	Juice	Enclose cover or water to	wice daily all soil piles		
Piles		Automatic sprinkler system	n installed on soil niles		
Exposed Surface/	Grading	Water all exposed soil twi	ce daily		
Exposed Surface,	Grunng	Water exposed soil with a	dequate frequency to keep so	I moist at all times	
Truck Hauling Ro	bad	Water all haul roads twice	daily		
		Pave all haul roads	J		
Truck Hauling Lo	bad	Maintain at least two feet	of freeboard		
		Cover load of all haul/dun	p trucks securely		
Source: Table 4.12	of EDCAQMD's Guide	to Air Quality Assessment (EDCAQMD	2002).		
Mitigation Measure SMAQMD's Enhan all off-site elements	re <b>3A.2-1f: Implen</b> need Exhaust Contr s (in Sacramento an	nent SMAQMD's Enhanced Exhau ol Practices, which are listed in Miti d El Dorado Counties, or Caltrans ri	<b>ist Control Practices during</b> gation Measure 3A.2-1a, in o ght-of-way).	<b>construction of all C</b> rder to control $NO_X$ em	<b>Off-site Elements.</b> Implement issions generated by construction
Implementation:	The project appli	cant(s) responsible for construction	of each off-site element in Sa	cramento and El Dorad	o counties.
Timing:	Before the appro	val of all grading plans from the resp	bective air district (i.e., SMAC	QMD or EDCAQMD).	
Enforcement:	1. For the two	roadway connections in El Dorado	Hills: El Dorado County Deve	elopment Services Depa	artment.
	2. For the dete	ntion basin west of Prairie City Roa	d: Sacramento County Planni	ng and Community Dev	velopment Department.
	3. For the U.S	. 50 interchange improvements: Calt	rans.		
Mitigation Measure off-site elements co SMAQMD Enhance Sacramento County NO <sub>X</sub> emissions to a more accurately det	re 3A.2-1g: Pay Of ould result in constru- ed Exhaust Control y shall pay SMAQM less-than-significa termined. This calcu	<b>f-site Mitigation Fee to SMAQME</b> action-generated $NO_X$ emissions tha Practices (listed in Mitigation Meas ID an off-site mitigation fee for imp nt level (i.e., less than 85 lb/day). The alation shall occur if the City/USAC	<b>to Off-Set NO<sub>x</sub> Emissions</b> t exceed the SMAQMD thres ure 3A.2-1a). Therefore, the lementation of each off-site e e specific fee amounts shall b E certify the EIR/EIS and sel	Generated by Constru- hold of significance, ev responsible project appl lement in Sacramento Co be calculated when the of ect and approves the Pr	action of Off-site Elements. The ren after implementation of the licant(s) for each off-site elemen County for the purpose of reducin daily construction emissions can oposed Project or one of the oth
No Action/No Project) (Centralized Developm	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative	RIM (Resource Impact Minimizat
onoficial)	I (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SLL (Significant and unavoidable)

B (Beneficial)

		Summary	Table 1-1 of Impacts and Mitigation Measure	S	
_		Impact	Land/Water/GPA		Significance
		Mitigation			
four other action a and the applicants in consultation wit element in Sacram exceed SMAQMD time the calculatio (SMAQMD 2008c project phase. Bec construction of the only to those off-s for construction-ge through SMAQMD old engines with c	Iternat develot th SMA nento C D's dail on and j c). The cause the e off-sir site eler enerate D's He cleaner	ives, the City, Sacramento County, and the p a detailed construction schedule. Calcul AQMD staff before 'the approval of respective ounty shall pay into SMAQMD's off-site y emission threshold of 85 lb/day. The capayment are made. At the time of writing determination of the final mitigation fee he fee is based on the mass quantity of emittee elements would vary according to the the nents located in SMAQMD's jurisdiction. (This avy Duty Incentive Program, through wh engines or technologies.)	e applicants establish the phasing by which lation of fees associated with each off-site ctive grading plans by Sacramento County construction mitigation fund to further mi- lculation of daily NO <sub>x</sub> emissions shall be this EIR/EIS the cost rate is \$16,000 to re- shall be conducted in coordination with S- issions that exceed SMAQMD's daily thr iming and potential overlap of construction (i.e., in Sacramento County) because ED fee is used by SMAQMD to purchase officient select owners of heavy-duty equipmer	ch construction of the e element shall be con y. The project applica itigate construction-g based on the cost rat duce 1 ton of NO <sub>X</sub> p MAQMD before any eshold of significanc n schedules for off-s CAQMD does not of f-site emissions reduc at in Sacramento Cou	e off-site elements would occur, nducted by the project applicant(s) ant(s) responsible for each off-site generated emissions of NO <sub>x</sub> that te established by SMAQMD at the lus a 5% administrative fee r ground disturbance occurs for an e of 85 lb/day, total fees for ite elements. This measure applies ffer a similar off-set fee program ctions. Such purchases are made anty can repower or retrofit their
Mitigation for the applicable project	off-site	e elements outside of the City of Folsom's in consultation with the affected oversigh	s jurisdictional boundaries must be <del>coordi</del> t agency(ies) (i.e., Sacramento County or	<del>nated</del> <u>developed</u> by t Caltrans).	he project applicant(s) of each
Implementation:	The	e project applicant(s) of all off-site element	nts in Sacramento County.		
Timing:	Bet	fore the approval of each grading plan for	the off-site elements in Sacramento Cour	ity.	
Enforcement:	1.	For all off-site improvements within Sa not grant any grading permits to the res site mitigation fee to SMAQMD.	cramento County: Sacramento County Pla pective project applicant(s) until the respe	anning and Commun active project applica	ity Development Department shal nt(s) have paid the appropriate of
	2.	For the U.S. 50 interchange improvemerespective project applicant(s) have pai	ents: Caltrans shall not grant any grading p d the appropriate off-site mitigation fee to	permits to the respect SMAQMD.	tive project applicant(s) until the
Mitigation Measu Receptors Result site grading or ear modeling of consti- this EIR/EIS, SMA Assessment in Sac project-level CEQ during which const the time the constr contribution to the measures for contri	ure 3A ing fro th disturuction AQMD cramen A anal struction cruction cruction cCAAC rolling	<b>.2-1h: Perform a Project-Level Analysis</b> <b>m Construction of Off-site Elements.</b> Purbance activity that would exceed 15 acri- generated PM <sub>10</sub> emissions pursuant to SI 's most current and most detailed guidant to County SMAQMD 2009a). SMAQMD ysis. Each project-level analysis shall incon n would be performed, as well as the pro- activity would occur. If the modeling ana QS and NAAQS at a nearby receptor, ther construction-generated PM <sub>10</sub> exhaust emi-	s to Analyze and Disclose Projected PM rior to construction of each off-site eleme es in one day, the responsible agency or it MAQMD guidance that is in place at the t ce for addressing construction-generated F emphasizes that $PM_{10}$ emission concentr proporte detailed parameters of the constru- kimity of potentially affected receptors, in allysis determines that construction activity in the project applicant(s) shall require their ssion and fugitive $PM_{10}$ dust emissions in	<b>I</b> <sub>10</sub> <b>Emission Concer</b> nt located in Sacrams s selected consultant ime the analysis is per $PM_{10}$ emissions is fou- ations at nearby sens action equipment and cluding receptors pro- v would result in an e- r respective contractor accordance with SM	<b>ntrations at Nearby Sensitive</b> ento County that would involve shall conduct detailed dispersion erformed. At the time of writing and in its Guide to Air Quality itive receptors be disclosed in d activities, including the year oposed by the project that exist at exceedance or substantial ors to implement additional fAQMD guidance, requirements,
(No Action/No Project (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Develo	PP (Proposed Project) pment) PA (Preferred Off-site Wa	ter Facility Alternative)	RIM (Resource Impact Minimizatio
Jeneficial)	NI (No i	mpact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECOM Introduction
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		Impact	Land/Water/0	GPA	Significance
		Mitigation			
and/or rules that a Fugitive PM Dust 3A.2-1a. Dispersi less than the EDC	pply at t Control on mode AQMD	he time the project-level analysis is performed Practices for Soil Disturbance Areas and ling is not required for the two El Dorad screening level of 12 acres.	ormed. It is likely that these mea I Unpaved Roads and Enhanced o County roadway connections	sures would be the same Exhaust Control Practice because the total amount	or similar to those listed as Enhanced as included in Mitigation Measure of disturbed acreage is expected to be
Mitigation for the applicable project	off-site phase <u>ir</u>	elements outside of the City of Folsom's consultation with the affected oversight	jurisdictional boundaries must agency(ies) (i.e., Sacramento C	be <del>coordinated</del> <u>developed</u> county or Caltrans).	by the project applicant(s) of each
Implementation:	All c appl proj	letailed, project-level analysis shall be point icant(s). Implementation of the project-lect applicant(s) responsible for each off-	erformed by the responsible lead evel modeling analysis and any site improvement.	l agency or its selected co necessary additional mitig	nsultant and funded by the project gation shall be fully funded by the
Timing:	1.	For all off-site improvements within un Sacramento County Planning and Com	ncorporated Sacramento Count nunity Development Departmer	y: Before the approval of t	the respective grading plans from the
	2.	For the U.S. 50 interchange improveme	nts: Before the approval of cons	truction plans from Caltra	ans.
Enforcement:	1.	For all off-site improvements within Sa	cramento County: Sacramento C	County Planning and Com	munity Development Department.
	2.	For the U.S. 50 interchange improveme	nts: Caltrans.		
Significance after	· Mitigat · Mitigat	ion for $PM_{10}$ concentrations: significant	cani at and unavoidable		
<b>3A.2-2: Generati</b> <b>NO<sub>x</sub>.</b> Operational would exceed the	on of Lo area- an SMAQM n or subs	<b>ong-Term Operational (Regional) Emi</b> d mobile-source emissions from project /ID-recommended threshold of 65 lb/day stantially contribute to emissions concent or ozone. In addition, because of the larg	ssions of ROG, and Land implementation for ROG and $NO_X$ , trations that exceed e increase in	ON-SITE NP: direct LTS, no in NCP, PP, RIM, RHI OFF-SITE Direct LTS, no indire	direct <b>D, CD:</b> direct significant, no indirect ct
and would result i the NAAQS or C. emissions associa already approved accounted for in a with air quality pl	ted with plan (wh pplicable anning e	project build out and the fact that the pro- ich means that increased emissions wou e air quality plans), project implementati fforts in the SVAB.	ld not already be on could conflict		
and would result if the NAAQS or C. emissions associa already approved accounted for in a with air quality pl ON-SIT NP: No mitigatio	ted with plan (wh pplicable anning e E n measur	project build out and the fact that the pro- ich means that increased emissions wou e air quality plans), project implementati fforts in the SVAB. es required.	offect is not within an Id not already be on could conflict		
and would result i the NAAQS or C. emissions associa already approved accounted for in a with air quality pl <b>ON-SIT</b> <b>NP:</b> No mitigation <b>NCP: Mitigation</b> <b>Emissions.</b> To rea measures prescrib is included in App	AQS for ted with plan (wh pplicable anning e E n measur huce ope ed in the pendix C	project build out and the fact that the project build out and the fact that the project implements that increased emissions would be air quality plans), project implementation fforts in the SVAB. The set required. The <b>3A.2-2: Implement All Measures Pr</b> rational emissions, the project applicant (Company Source Source Plan Area 2. The AQMP is intended to improve models and the set of	escribed by the Air Quality M s) for all project phases any part <i>i Specific Plan Air Quality Mit</i> bility, reduce vehicle miles trav	itigation Plan to Reduce ticular discretionary devel gation Plan (AQMP) (Tou veled, and improve air qua	• <b>Operational Air Pollutant</b> <u>lopment application</u> shall implement rrence Planning 2008), a copy of wh ality as required by AB 32 and SB 37
and would result i the NAAQS or C. emissions associa already approved accounted for in a with air quality pl <b>ON-SIT</b> <b>NP:</b> No mitigation <b>NCP: Mitigation</b> <b>Emissions.</b> To rea measures prescrib is included in App No Action/No Project Centralized Develop	AQS for ted with plan (wh pplicable anning e E n measur duce ope ed in the bendix C t) ment)	project build out and the fact that the pro- ich means that increased emissions wou e air quality plans), project implementati fforts in the SVAB. es required. <b>e 3A.2-2: Implement All Measures Pr</b> rational emissions, the project applicant( SMAQMD-approved <i>Folsom Plan Area</i> 2. The AQMP is intended to improve mo- NCP (No USACE Permit) RHD (Reduced Hillside Develop	escribed by the Air Quality M s) for all project phases any part <i>i Specific Plan Air Quality Miti</i> bility, reduce vehicle miles trav PP (Proposed F pment) PA (Preferred C	itigation Plan to Reduce ticular discretionary devel gation Plan (AQMP) (Tou reled, and improve air qua Project) Off-site Water Facility Alterna	• <b>Operational Air Pollutant</b> <u>lopment application</u> shall implement prence Planning 2008), a copy of whi ality as required by AB 32 and SB 37 RIM (Resource Impact Minimizati tive)

Summary of	Table 1-1 Impacts and Mitigation M	leasures	
Impact	Land/Water/G	<b>SPA</b>	Significance
Mitigation			
The AQMP includes, among others, measures designed to provide bi stops with shelters, a prohibition against the use the wood-burning fin charge, and on-site transportation alternatives to passenger vehicles ( transportation networks.	cycle parking at commercial l replaces, energy star roofing n including light rail) that provi	and uses, an integrated naterials, electric lawn de connectivity with o	d pedestrian/bicycle path network, transit mowers provided to homeowners at no ther local and regional alternative
Implementation: The project applicant(s) of all project phases any p	articular discretionary deve	elopment application	<u>1.</u>
Timing: Before issuance of subdivision maps or improv	ement plans.		
Enforcement: City of Folsom Community Development Depa	artment.		
<b>PP, RIM, RHD, CD:</b> Implement Mitigation Measure 3A.2-2. <b>OFF-SITE</b>			
No mitigation measures required.			
Significance after Mitigation: significant and unavoidable			
<b>3A.2-3: Generation of Local Mobile-Source CO Emissions.</b> Project mobile-source CO emissions would not result in or substantially control concentrations that exceed the 1-hour ambient air quality standard of hour standard of 9 ppm.	et-generated local Land ribute to 20 ppm or the 8-	ON-SITE NP: direct LTS, no NCP, PP, RIM, C OFF-SIT Direct LTS, no ind	E o indirect C <b>D, RHD:</b> direct LTS, no indirect TE lirect
ON-SITE			
NP: No mitigation measures required. NCP, PP, RIM, CD, RHD: No mitigation measures required. OFF-SITE			
No mitigation measures required.			
Significance after Mitigation: less than significant			

NP (No Action/No Proj CD (Centralized Devel	iect) lopment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization)
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Impact       Land/V         Mitigation       Impact       Land/V         R-4: Exposure of Sensitive Receptors to Short- and Long-Term Emissions of Last Contaminants. Project implementation would result in exposure of otors to short- and long-term emissions of TACs from on-site stationary and ile sources and from off-site mobile sources.       Lad         ON-SITE       No mitigation measures required.       P, RIM: Mitigation Measure 3A.2-4a: Develop and Implement a Plan to Reduce Explorationant Emissions. The project applicant(s) for all project phases any particular ze the exposure of sensitive receptors to TACs generated by project construction activity veloped by the project applicant(s) in consultation with SMAQMD. The plan shall be s grading plans.	d/Water/GPA       Significance         Land       ON-SITE         NP: no direct or indirect       NCP, PP, RIM, CD, RHD: direct PS, no indirect         (Temporary, Short-Term Emissions from Constructio       Equipment; Emissions from On-Site Operational Mole         Sources; Land Use Compatibility with Off site Corpor       Yard)         Direct LTS, no indirect (Stationary-Source Emissions         Exposure from Remediation Activity, Land Use         Compatibility with U.S. 50)         OFF-SITE         Direct PS, no indirect (Temporary, Short-Term Emiss         from Construction Equipment)         Direct LTS, no indirect (Operational TAC Emissions)         Exposure of Sensitive Receptors to Construction-Generated To         ar discretionary development application         shall develop a plan         vity associated with buildout of the selected alternative. Each plan
Mitigation         2-4: Exposure of Sensitive Receptors to Short- and Long-Term Emissions of La far Contaminants. Project implementation would result in exposure of otors to short- and long-term emissions of TACs from on-site stationary and ile sources and from off-site mobile sources.         ON-SITE         No mitigation measures required.         ', RIM: Mitigation Measure 3A.2-4a: Develop and Implement a Plan to Reduce Explorationary and interpret applicant(s) for all project phases any particular to the exposure of sensitive receptors to TACs generated by project construction activity eveloped by the project applicant(s) in consultation with SMAQMD. The plan shall be s grading plans.	Land       ON-SITE         NP: no direct or indirect       NCP, PP, RIM, CD, RHD: direct PS, no indirect (Temporary, Short-Term Emissions from Constructio Equipment; Emissions from On-Site Operational Mol Sources; Land Use Compatibility with Off site Corper Vard)         Direct LTS, no indirect (Stationary-Source Emissions Exposure from Remediation Activity, Land Use Compatibility with U.S. 50)       OFF-SITE         Direct PS, no indirect (Temporary, Short-Term Emiss from Construction Equipment)       Direct LTS, no indirect (Temporary, Short-Term Emiss from Construction Equipment)         Direct LTS, no indirect (Operational TAC Emissions)       Exposure of Sensitive Receptors to Construction-Generated To ar discretionary development application shall develop a plan vity associated with buildout of the selected alternative. Each plan
<ul> <li>CN-SITE         No mitigation measures required.         Y, RIM: Mitigation Measure 3A.2-4a: Develop and Implement a Plan to Reduce ExpContaminant Emissions. The project applicant(s) for all project phases any particular ce the exposure of sensitive receptors to TACs generated by project construction activity veloped by the project applicant(s) in consultation with SMAQMD. The plan shall be s grading plans.     </li> </ul>	LandON-SITENP: no direct or indirectNCP, PP, RIM, CD, RHD: direct PS, no indirect(Temporary, Short-Term Emissions from ConstructioEquipment; Emissions from On-Site Operational MolSources; Land Use Compatibility with Off site CorporYard)Direct LTS, no indirect (Stationary-Source EmissionsExposure from Remediation Activity, Land UseCompatibility with U.S. 50)OFF-SITEDirect PS, no indirect (Temporary, Short-Term Emiss from Construction Equipment)Direct LTS, no indirect (Operational TAC Emissions)Exposure of Sensitive Receptors to Construction-Generated To ar discretionary development applicationshall develop a plan vity associated with buildout of the selected alternative. Each plan
<b>ON-SITE</b> No mitigation measures required. <b>P, RIM: Mitigation Measure 3A.2-4a: Develop and Implement a Plan to Reduce Exp</b> Contaminant Emissions. The project applicant(s) for all project phases <u>any particular</u> ce the exposure of sensitive receptors to TACs generated by project construction activity eveloped by the project applicant(s) in consultation with SMAQMD. The plan shall be se grading plans.	Exposure of Sensitive Receptors to Construction-Generated To ar discretionary development application shall develop a plan vity associated with buildout of the selected alternative. Each plan
plan may include such measures as scheduling activities when the residences are the lease and prohibiting heavy trucks from idling. Applicable measures shall be included in all p	e submitted to the City for review and approval before the approval east likely to be occupied, requiring equipment to be shut off whe l project plans and specifications for all project phases.
implementation and enforcement of all measures identified in each plan shall be funded	ed by the project applicant(s) for the respective phase of developm
ementation:The project applicant(s) of all project phases any particular discretionng:Before the approval of all grading plans by the City and throughout proOffice of D blackOffice of D black	tionary development application. project construction, where applicable, for all project phases.
recement: City of Folsom Community Development Department. gation Measure 3A.2-4b: Implement Measures to Reduce Exposure of Sensitive Re following measures shall be implemented to reduce exposure of sensitive receptors to Te Proposed commercial and industrial land uses that have the potential to emit TACs or he	Receptors to Operational Emissions of Toxic Air Contaminant Toxic Air Contaminants. host TAC-generating activity (e.g., loading docks) shall be locate
trom existing and proposed on-site sensitive receptors such that they do not expose sens	ensitive receptors to TAC emissions that exceed an incremental inc
ction/No Project) NCP (No USACE Permit) PP (Prop ralized Development) RHD (Reduced Hillside Development) PA (Prefi	roposed Project) RIM (Resource Impact Minir referred Off-site Water Facility Alternative)

		Impact	Land/Water/GPA	Significance		
		Mitigation				
	of 10 in 1 milli	ion for the cancer risk and/or a noncarcinogenic	Hazard Index of 1.0.			
Þ	The multi-family residences planned across from the off-site corporation yard near the southwest corner of the SPA shall be set back as far as possible from the boundary of the corporation yard and/or relocated to another area.					
•	Where necessa Index of 1.0, pr propulsion eng allow diesel en	ry to reduce exposure of sensitive receptors to a roposed commercial and industrial land uses th time idling time through alternative technologies agines to be completely turned off.	an incremental increase of 10 in 1 million for the at would host diesel trucks shall incorporate idle s such as, IdleAire, electrification of truck parkin	e cancer risk and/or a noncarcinogenic Hazard reduction strategies that reduce the main ag, and alternative energy sources for TRUs, to		
•	Signs shall be posted in at all loading docks and truck loading areas which indicate that diesel-powered delivery trucks must be shut off when not in use for longer than 5 minutes on the premises in order to reduce idling emissions. This measure is consistent with the ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling, which was approved by the California Office of Administrative Law in January 2005.					
Implement the following additional guidelines, which are recommended in ARB's Land Use Handbook: A Community Health Perspective (ARB 2005) are considered to be advisory and not regulatory:						
	• Sensitive r perchloroe shall be pr	receptors, such as residential units and daycare ethylene. Dry-cleaning operations that use percl rovided for operations with two or more machin	centers, shall not be located in the same building aloroethylene shall not be located within 300 fee les.	as dry-cleaning operations that use t of any sensitive receptor. A setback of 500 feet		
	• Large gase 300 feet of within 50	oline stations (defined as facilities with a throug f each other. Small gasoline-dispensing facilitie feet of each other.	s (less than 3.6 million gallons per year or greater) as	and sensitive land uses shall not be sited within r year) and sensitive land uses shall not be sited		
Imp	plementation:	The project applicant(s) of all project phases				
Tin	ning:	Before the approval of all grading plans by the	he SMAQMD and throughout project construction	on, where applicable, for all project phases.		
Enf	forcement:	City of Folsom Community Development Development	epartment.			
PP,	, CD, RHD: Imj	plement Mitigation Measures 3A.24a-4b.				
<b>Mi</b> t for	OFF-SITI tigation Measur the off-site impr	E re: Implement Mitigation Measures 3A.2-1a an rovements in El Dorado County. (Temporary, S	d 3A.2-1b for the off-site improvements in Sacra hort-Term Emissions from Construction Equipm	amento County; and Mitigation Measure 3A.2-1f nent)		
Mi	tigation Measu	re: No mitigation measures are required. (Oper	ational TAC Emissions)			
C:-	nificance after I	Mitigation: significant and unavoidable				

	Summary of i	mpacts and Mitigation Mea	Isures
	Impact	Land/Water/GPA	Significance
	Mitigation		
<b>3A.2-5: Exposure of S</b> <b>Naturally Occurring</b> other receptors located asbestos rock and soils	Sensitive Receptors to Construction-Generate Asbestos. Asbestos is a toxic air contaminant. R close to construction activity could be exposed during earth disturbance activities.	<b>d Emissions of</b> Land esidents and to dust from	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct PS, no indirect OFF-SITE Direct PS, no indirect
<b>ON-SITE</b> <b>NP:</b> No mitigation me	asures required		
Health and Safety Cod Asbestos Dust Control taken to ensure that no measures required by I SMAQMD for review rock (serpentinite) can implement the terms of	e <u>of Regulations</u> , "Asbestos Airborne Toxic Cor Plan shall specify measures, such as periodic wa visible dust crosses the property line. Measures Aitigation Measure 3A.2-1a. The project applica and approval before construction of the first pro be disturbed. Upon approval of the Asbestos Du f the plan throughout the construction period	atering to reduce airborne dust a in the Asbestos Dust Control P ant shall submit the plan to the F ject phase. SMAQMD approva ast Control Plan by SMAQMD,	Grading, Quarrying, and Surface Mining Operations." The and ceasing construction during high winds <del>, that shall be</del> lan may include but shall not be limited to dust control Folsom Community Development Department for review and l of the plan must be received before any asbestos-containing the applicant shall ensure that construction contractors
Implementation:	The project applicant(s) of all project phases		
Timing: I	Before the approval of all grading plans by the C	ity and throughout project cons	truction, where applicable, for all project phases.
Enforcement: (	City of Folsom Community Development Depart	ment.	
<b>CD:</b> Implement Mitigation	tion Measure 3A.2-5.		
<b>OFF-SITE</b> <b>Mitigation Measure:</b> Dorado County, appro <i>Significance after Mi</i>	Implement Mitigation Measure 3A.2-5. (Howev val of the grading plans must be received from E <i>igation: less than significant</i>	er, for construction of the two r DCAQMD.)	oadway extensions into El Dorado County that occurs in El

Summary of	Table 1-1 f Impacts and Mitigation Mea	asures	
Impact	Land/Water/GP/	A Contraction of the second seco	Significance
Mitigation			
<b>3A.2-6: Possible Exposure of Sensitive Receptors to Odorous Em</b> Temporary, short-term construction and long-term operation of the p in the frequent exposure of sensitive receptors to substantial objectio emissions.	<b>hissions.</b> project could result pnable odor	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RH Use of Construction Equi Off-site Elements <del>, Land U Corporation Yard,</del> Land U Agricultural Land Uses) Direct PS, no indirect (Lo Land Uses) OFF-SITE Direct LTS, no indirect	<b>D:</b> direct, significant (Short-Term pment for On-Site Land Uses and <del>Jse Compatibility with Off site</del> Jse Compatibility with Off-site ong-Term Operation of On-Site
<b>ON-SITE</b> <b>NP:</b> No mitigation measures required. <b>NCP, PP, RIM, CD, RHD:</b> Implement Mitigation Measure 3A.2-1a	a and Mitigation Measure 3A.2-1	f to Control Exposure of Second	ensitive Receptors to Construction-
Related Odorous Emissions.	norma of Considing Decontour to	On susting al Odensus E	
for all project phases any particular discretionary development a	posure of sensitive Receptors to application shall implement the f	ollowing measures:	<b>missions.</b> The project applicant(s)
<ul> <li>The odor-producing potential of land uses shall be considered w mixed-use land uses is determined. Facilities that have the poten proposed sensitive receptors.</li> </ul>	when the exact type of facility that ntial to emit objectionable odors s	would occupy areas zonec hall be located as far away	d for commercial, industrial, or as feasible from existing and
<ul> <li>The multi-family residences planned across from the off-site con the boundary of the corporation yard and/or relocated to another emissions.)</li> </ul>	rporation yard near the southwest r area. (This measure is also requi	corner of the SPA shall be red by Mitigation Measure	e set back as far as possible from e 3A.2-4b to limit exposure to TAC
<ul> <li>Before the approval of building permits, odor control devices sh producing source is to occupy an area zoned for commercial, ind the issuance of certificates of occupancy for the potentially odor determined in coordination with SMAQMD and based on the nu</li> </ul>	all be identified to mitigate the ex dustrial, or mixed-use land uses. r-producing use. The odor-produc umber of complaints associated w	posure of receptors to obj The identified odor control ing potential of a source an ith existing sources of the	ectionable odors if a potential odor- devices shall be installed before nd control devices shall be same nature.
► The deeds to all properties located within the plan area that are v grazing) shall be accompanied by a written disclosure from the t adverse odor impacts from surrounding agricultural operations, any such property within the County zoned for agricultural uses	within one mile of an on- or off-st transferor, in a form approved by which disclosure shall direct the within one mile of the subject pr	the area zoned or used for a the City of Folsom, advisi ransferee to contact the Co operty being transferred.	agricultural use (including livestock ng any transferee of the potential punty of Sacramento concerning
Iruck loading docks and delivery areas shall be located as far av	way as feasible from existing and	proposed sensitive recepto	Drs.
' (No Action/No Project)     NCP (No USACE Permit)       ) (Centralized Development)     RHD (Reduced Hillside Development)	PP (Proposed Proj nent) PA (Preferred Off-s	ect) ite Water Facility Alternative)	RIM (Resource Impact Minimization)
(Beneficial) NI (No impact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 pacts and Mitigation Me	asures	
		Impact	Land/Water/GP	Ą	Significance
		Mitigation			
<ul> <li>Signs shall be longer than 5 r Motor Vehicle Measure 3A.2.</li> </ul>	posted at all loa ninutes on the p Idling, which -4b to limit TA	ading docks and truck loading areas whi premises in order to reduce idling emiss was approved by California's Office of . C emissions.)	ch indicate that diesel-pow ions. This measure is consis Administrative Law in Janu	ered delivery trucks must stent with the ATCM to L ary 2005. (This measure	be shut off when not in use for imit Diesel-Fueled Commercial is also required by Mitigation
<ul> <li>Proposed compropulsion engallow diesel er</li> </ul>	mercial and ind gine idling time ngines to be cor	ustrial land uses that have the potential through alternative technologies such a npletely turned off. (This measure is als	to host diesel trucks shall in s, IdleAire, electrification o o required by Mitigation M	corporate idle reduction a f truck parking, and alter easure 3A.2-4b to limit T	strategies that reduce the main native energy sources for TRUs, to AC emissions.)
Implementation:	The project	applicant(s) of all project phases.			
Timing:	Before the a	pproval of building permits by the City	and throughout project con	struction, where applicabl	e, for all project phases.
Enforcement:	City of Folse	om Community Development Departme	nt.		
OFF-SIT	E				
No mitigation mea	sures required.				
Significance after	Mitiontion for	Construction Diesel Odor: significant	and unavoidable		
Significance after	Mitigation for	Detential On site Serveres loss than si	mifia ant		
Significance after	Mulgation for	Polential On-sue Sources: less than sig	gnificant		
Significance after	Mitigation for	Corporation Yard: significant and una	voidable		
3B.2 AIR QUALI	TY - WATER				
3B.2-1: Generatio	n of Construct	ion Emissions of NO <sub>x</sub> and PM <sub>10</sub> . Con	struction of Water	NCP, PA, 1, 1A, 3, 3A,	4, & 4A: direct PS, no indirect
the Off-site Water	Facility Alterna	tives would produce construction-gener	rated	(Temporary and Short-T	Cerm Construction Emissions)
emissions of NO <sub>X</sub> ,	an ozone precu	rsor, and fugitive PM10 dust would exce	eed	Direct & indirect LTS (	Off-site Water Facilities Operation
SMAQMD-recomm	nended thresho	lds and would substantially contribute to	o emissions	2, 2A, & 2B: direct & in	ndirect LTS
concentrations that	exceed the NA	AQS and CAAQS. Thus, project-generation	ated,		
construction-relate	d emissions of	criteria air pollutants and precursors cou	ld violate or		
contribute substant	to substantial n	allutent concentrations	a/or expose		
sensitive receptors	to substantial p	onutant concentrations.			
NCP, PA, 1, 1A, 3	, <b>3A</b> , <b>4</b> , and <b>4</b> A	: Mitigation Measure 3B.2-1a: <u>Develo</u>	op and Implement a Cons	truction NO <sub>X</sub> Reduction	Plan. Consistent with SMAQMD
requirements, the (	City of Folsom	shall provide a plan for demonstrating the	hat the heavy-duty ( $> 50$ ho	rsepower) off-road vehicl	es to be used in the construction
contractor shall sub	owned, leased a	nd subcontractor venicles, will achieve AOMD a comprehensive inventory of al	a project while meet-average	20% NO <sub>X</sub> reduction. Pri pment equal to or greater	or to construction, the City's
used an aggregate	of $40$ or more h	ours during any portion of the construct	ion of the Off-site Water F	cilities The inventory sh	all include the horsenower rating
engine production	vear and project	ted hours of use or fuel throughput for	each piece of equipment T	he inventory shall be und	ated and submitted monthly quarter
	<i>j </i>		prove or equipment. I	in in the second share of uput	quarte
(No Action/No Project)	)	NCP (No USACE Permit)	PP (Proposed Pro	ect)	RIM (Resource Impact Minimizati
Centralized Developr	nent)	RHD (Reduced Hillside Development)	PA (Preferred Off-	site Water Facility Alternative	e)
eneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

			Summary of Imp	Table 1-1 acts and Mitigation Measu	res		
		Impact		Land/Water/GPA		Significance	
		Mitigation					
throughout the dura hours prior to the u construction timelin	ation c se of s ne inc	of the project, except that a subject heavy-duty off-roa luding start date, and name	in inventory shall not b d equipment, the Off-s e and phone number of	e required for any 30-day perio te Water Facilities representati the project manager and on-site	d in which no construct ve shall provide SMAQ e foreman.	ion activity occurs. At least 48 MD with the anticipated	
Implementation:	Cit	City of Folsom Utilities Department					
Timing:	Pric	ior to construction of the Off-site Water Facilities.					
Enforcement:	1.	For improvements that we Community Developme	would be located withir nt Department, and SN	the City of Folsom: City of Folsom Neighborhood Services Department, City of Folsom AQMD.			
	2.	For improvements that would be located within unincorporated Sacramento County: Sacramento County Planning and Comm Development Department and SMAQMD.					
	3.	For improvements that w SMAQMD.	would be located within	the City of Rancho Cordova: (	City of Rancho Cordova	a Planning Department and	
shall not be require as well as the dates Implementation:	d for a of ead Cit	any 30-day period in which ch survey. y of Folsom Utilities Depa	h no construction activ	ty occurs. The monthly summa	ry shall include the qua	ntity and type of vehicles survey	
Timing:	During construction of all Off-site Water Facilities.						
Enforcement:	1.	For improvements that v Community Developme	would be located withir nt Department, and SM	the City of Folsom: City of Folsom: City of Fo	lsom Neighborhood Se	rvices Department, City of Folso	
	2.	For improvements that would be located within unincorporated Sacramento County: Sacramento County Planning and Community Development Department and SMAQMD.					
	3.	For improvements that would be located within the City of Rancho Cordova: City of Rancho Cordova Planning Department and SMAQMD.					
Mitigation Measu shall implement fug control measures an following:	<b>re 3B.</b> gitive nd a pa	<b>2-1c: Implement Fugitiv</b> dust control measures and articulate matter monitorir	e Dust Control Measu a particulate matter mong program during each	ares and a Particulate Matter ponitoring program during constr phase of construction. Dust co	Monitoring Program ruction. The City shall e ntrol measures may inc	<b>during Construction.</b> The City ensure implementation of dust lude, but are not limited to, the	
<ul> <li>minimize on-st</li> </ul>	ite cor	nstruction vehicle speeds o	on unpaved surfaces;				
No Action/No Project) Centralized Developn	nent)	NCP (No USA RHD (Reduce	CE Permit) d Hillside Development)	PP (Proposed Project) PA (Preferred Off-site \	Nater Facility Alternative)	RIM (Resource Impact Minimizati	
eneficial) N	II (No i	mpact) LTS (Less t	han significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)	

AECON Introdu	Table 1-1           Summary of Impacts and Mitigation Measures									
/ ction		Impact	Land/Water/GPA	Significance						
		Mitigation								
	<ul> <li>post speed limit</li> </ul>	its;								
	<ul> <li>suspend gradin</li> </ul>	<ul> <li>suspend grading operations when wind is sufficient to generate visible dust clouds;</li> </ul>								
	► pave, water, use gravel, cover, or spray a dust-control agent on all haul roads;									
	<ul> <li>Prohibit no open burning of vegetation during project construction;</li> </ul>									
	<ul> <li>Chip or deliver vegetative material to waste-to-energy facilities;</li> </ul>									
	<ul> <li>reestablish vegetation as soon as possible after construction and maintain vegetation consistent with the parameters established in Mitigation Measure 3B.2.1a;</li> </ul>									
	<ul> <li>clean earthmoving construction equipment with water once daily and clean all haul trucks leaving the site; and</li> </ul>									
	► water and keep	moist all exposed earth surfaces, graded a	areas, storage piles, and haul roads <del>at all times<u>as</u> n</del>	eeded to prevent fugitive dust.						
	Implementation:	City of Folsom Utilities Department								
	Timing:	During construction of all Off-site Wate	er Facilities.							
	Enforcement:	1. For improvements that would be located within the City of Folsom: City of Folsom Neighborhood Services Department, City of Folsom Community Development Department, and SMAQMD.								
1-36		2. For improvements that would be lo Development Department and SM	ocated within unincorporated Sacramento County: AQMD.	Sacramento County Planning and Community						
		3. For improvements that would be located within the City of Rancho Cordova: City of Rancho Cordova Planning Department and SMAQMD.								
	Alternatives 2, 2A	, and 2B: No mitigation measures required	d.							
Fols	Significance after Mitigation: significant and unavoidable									
om South of U.	<b>3B.2-2: Generation</b> <b>NO<sub>x</sub>.</b> Operational a site Water Facility threshold of 65 lb/c	<b>n of Long-Term Operational (Regional)</b> area- and mobile-source emissions from im Alternatives would not exceed the SMAQ ay for ROG and NO <sub>X</sub> .	<b>Emissions of ROG, and</b> Water <b>NCP, PA</b> nplementation of the Off- MD-recommended	<b>A, 1, 1A, 2, 2A, 2B, 3, 3A, 4, &amp; 4A:</b> direct & LTS						
о Н	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures required.									
ighway	Significance after Mitigation: less than significant									
<sup>7</sup> 50 Specific Plan FEIR/FEIS City of Folsom and USACE	NP (No Action/No Project) CD (Centralized Developn	NCP (No USACE Permit) RHD (Reduced Hillside D	PP (Proposed Project) vevelopment) PA (Preferred Off-site Water F	RIM (Resource Impact Minimization)						

B (Beneficial)

LTS (Less than significant)

#### PS (Potentially significant) S (Significant)

SU (Significant and unavoidable)
			Summary of Im	Table 1-1 pacts and Mit	gation Mea	sures	
		Impact		Lai	d/Water/GPA		Significance
		Mitigati	on				
<b>3B.2-3: Exposure</b> <b>Toxic Air Contam</b> could expose sensi site stationary sour	of Sen inants tive rec ces.	sitive Receptors to s Implementation of ceptors to short- and	Short- and Long-Term End the Off-site Water Facility long-term emissions of TA	missions of Alternatives Cs from on-	Water	NCP, PA, 1, 1A, 2, 2A, 2 indirect LTS	<b>B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp; 4A</b> : direct &
NCP, PA, 1, 1A, 2 including back-up pumps, to the exter	, 2A, 2 diesel nt prac	B, 3, 3A, 4, and 4A; generators shall be lo ticable.	Mitigation Measure 3B.2 scated more than 200 feet a	2-3a: Cite Pum way from sensit	Siting Buff ve receptors.	ers Away from Sensitive Electrically-powered pur	<b>Receptors.</b> New pumping station approximately shall be used to power new
Implementation:	City	of Folsom Utilities	Department				
Timing:	Pric	or to the approval of g	grading plans and building	permits for all o	ff-site water p	pumping facilities.	
Enforcement:	1.	For improvements Community Develo	that would be located within present Department and SN	n the City of Fo 1AQMD.	som: City of	Folsom Neighborhood Se	rvices Department, City of Folso
	2.	For improvements Development Depa	that would be located withi rtment and SMAQMD.	n unincorporate	l Sacramento	County: Sacramento Cou	nty Planning and Community
	3.	For improvements SMAQMD.	that would be located within	n the City of Ra	ncho Cordov	a: City of Rancho Cordova	Planning Department and
Screening-level DP analyses should inc annual average DP moved to a location $0.024 \ \mu g/m^3$ was de the affected receptor	M asse lude ex M conc where etermin or woul	essments shall be con- cact distances between centration from project the annual average I and using the current ( d be below $0.024 \mu g/$	ducted for diesel-powered p n the receptors and operatio et operations at residences w DPM concentration from pro DEHHA cancer potency fac m <sup>3</sup> , then the cancer health r	ump operations ns, and include t vithin 200 feet of oject emissions a tor and methodo isk would be less	proposed with the actual DPM the DPM sout the residenc logy for diese than 9.9 can	in 200 feet of residences of $M$ emissions for the engines are to be greater than 0.024 es is less than 0.024 $\mu$ g/m <sup>3</sup> . el exhaust (OEHHA 2003). cers in a million population	r other sensitive receptors. These s proposed. If the analysis shows a $\mu$ µg/m <sup>3</sup> , the engine location shall The acceptable concentration of If diesel exhaust concentrations a
Timplementation:	Duio	of Folsom Utilities	Department	n amusida fan all a	e aita anatan a		
Enforcement:	1.	For improvements SMAOMD	that would be located within	n the City of Fo	som: City of	Folsom Community Deve	lopment Department and
	2.	For improvements Development Depa	that would be located within the state of th	n unincorporate	l Sacramento	County: Sacramento Cou	nty Planning and Community
	3.	For improvements SMAQMD.	that would be located within	n the City of Ra	ncho Cordov	a: City of Rancho Cordova	Planning Department and
Significance after	Mitiga	tion: less than signi	ficant				
(No Action/No Project) (Centralized Developr	) nent)	NCP (No RHD (Re	USACE Permit)	PP (F PA (F	roposed Proje	ct) te Water Facility Alternative)	RIM (Resource Impact Minimizati
eneficial)	II (No ir	npact) LTS (L	ess than significant)	PS (Potentiall	significant)	S (Significant)	SU (Significant and unavoidable)

NCP, PA, 1, 1A, 3, 3A, 4, & 4A: direct & indirect LTS 2, 2A, & 2B: no direct & indirect ON-SITE NP: LTS PP: direct & indirect significant
NCP, PA, 1, 1A, 3, 3A, 4, & 4A: direct & indirect LTS 2, 2A, & 2B: no direct & indirect ON-SITE NP: LTS PP: direct & indirect significant
ON-SITE NP: LTS PP: direct & indirect significant
ON-SITE NP: LTS PP: direct & indirect significant
ON-SITE NP: LTS PP: direct & indirect significant
ON-SITE NP: LTS PP: direct & indirect significant
RIM: direct & indirect significant CD: direct & indirect significant RHD: direct & indirect significant NF: direct & indirect significant OFF-SITE
Direct & indirect significant
ment Control Plans to Avoid and Minimize Erosion and act Development Features. project phases for any particular discretionary development improvement plans and shall submit these plans to the City y or El Dorado County jurisdiction (e.g., off-site detention basis bunty planning department. Before approval of these velopment application shall obtain a NPDES MS4 Municipal tinage and stormwater quality standards, and commit to and minimize erosion and runoff into Alder Creek and all f standards and relevant City and County regulation is provided tent shall implement stormwater quality treatment controls Sacramento Stormwater Quality Control Partnership 2007)in
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Table 1-1 Summary of Impacts and Mitigation Measures						
		Impact	Land/Water/GPA	Significance		
		Mitigation				
effect at the time th filtration systems, a Impact Developme rain gardens, where and is specified as crossings over wetl creeks, including th even during high-fl	ne application and sediment ent (LID) feat e appropriat a method fo lands and ot he associated low or flood	<u>n is submitted</u> . Appropriate runoff cor it traps shall be implemented to contro- itures, such as pervious strips, permeat e. Use of LID features is recommended r protecting water quality in the propo- her waters that are retained in the on-s d wetlands, and would be designed with events, as specified in the 404 permit.	ntrols such as berms, storm gates, off-stream de l siltation and the potential discharge of polluta ple pavements, bioretention ponds, vegetated s d by the EPA to minimize impacts on water qu sed specific plan. In addition, free spanning br ite open space. These bridge systems would m th sufficient span width and depth to provide for	etention basins, overflow collection areas, ants. Development plans shall incorporate Lo wales, disconnected rain gutter downspouts, a ality, hydrology, and stream geomorphology idge systems shall be used for all roadway aintain the natural and restored channels of or wildlife movement along the creek corridor		
In addition to compliance with City ordinances, the project applicant(s) <del>of all project phases</del> for any particular discretionary development application shall <del>obtain a</del> General Construction Stormwater Permit from the Central Valley RWQCB, prepare a Stormwater Pollution Prevention Plan (SWPPP), and implement Best Management Practices (BMPs) that comply with the General Construction Stormwater Permit from the Central Valley RWQCB, to reduce water quality effects during construction. Detailed information about the SWPPP and BMPs are provided in Chapter 3A.9. "Hydrology and Water Quality."						
Each project phase Coyote Creek. The 10 <u>0</u> -, and 20-year s conditions, moniton be designed and co designed as off-stree Buffalo Creek, shal measures will be sa standard.	e <u>developme</u> project app storm events ring standar onstructed to eam detention Il be monito atisfied whe	<u>at</u> shall result in no net change to peak licant(s) shall establish a baseline of co a. These baseline conditions shall be us ds, and a monitoring program shall be ensure that the performance standards on basins. Discharge sites into Alder C red to ensure that preproject condition in the monitoring standards are met for	tiows into Alder Creek and associated tributation onditions for drainage on-site. The baseline-flucted sed to develop monitoring standards for the sto submitted to USACE and the City for their app s, which are described in Chapter 3A.9, "Hydro reek and associated tributaries, as well as tribut s are being met. Corrective measures shall be in 5 consecutive years without undertaking correct	ries, or to Buttalo Creek, Carson Creek, and ow conditions shall be established for 2-, 5-, <u>a</u> rmwater system on the SPA. The baseline proval. Water quality and detention basins sh blogy and Water Quality," are met and shall b taries to Carson Creek, Coyote Creek, and implemented as necessary. The mitigation petive measures to meet the performance		
The project applica stream. See FEIR/F	<del>ant(s) shall c</del> FEIS Appen	lesign a land use plan that moves the p dix S showing that the detention basin	roposed on stream detention basin in the north in the northeast corner of the SPA has been m	east corner of the SPA to a location that is of oved off stream.		
Mitigation for the c project phase <u>in co</u> basin west of Prairi <u>"Hydrology and W</u>	off-site elem nsultation w ie City Road Vater Quality	ents outside of the City of Folsom's jurith the affected oversight agency(ies) and Caltrans for the U.S. 50 intercha <u>''' are met</u> .	irisdictional boundaries must be coordinated b (i.e., El Dorado County for the roadway conne inge improvements) such that the performance	y the project applicant(s) of each applicable ctions, Sacramento County for the detention standards described in Chapter 3A.9.		
Implementation:	Project a	pplicant(s) of all project phases and on	n-site and off-site elements.			
Timing:	Before ap project p	pproval of improvement and drainage phases.	plans, and on an ongoing basis throughout and	after project construction, as required for all		
Enforcement:	1. For	all project-related improvements that	would be located within the City of Folsom: C	ity of Folsom Public Works Department.		
	2. For	the two roadway connections in El Do	orado Hills: El Dorado County Development S	ervices Department.		
No Action/No Project)	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Developm	PP (Proposed Project) PA (Preferred Off-site Water Facili	RIM (Resource Impact Minimiza		

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B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 **Summary of Impacts and Mitigation Measures** Impact Land/Water/GPA Significance Mitigation For the detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department. 3. 4. For the U.S. 50 interchange improvements: Caltrans. U.S. Army Corps of Engineers, Sacramento District. 5. Central Valley Regional Water Quality Control Board. 6. PP: Mitigation Measure 3A.3-1ab: Secure Clean Water Act Section 404 Permit and Implement All Permit Conditions; Ensure No Net Loss of Functions and Values of Wetlands, Other Waters of the U.S., and Waters of the State. Before the approval of grading and improvement plans and before any groundbreaking activity associated with each distinct project phasediscretionary development entitlement, the project applicant(s) all project phases for any particular discretionary development application requiring fill of wetlands or other waters of the U.S. or waters of the state shall obtain all necessary permits under Sections 401 and 404 of the CWA or the state's Porter-Cologne Act for the respective phase. For each respective phase discretionary development entitlement, all permits, regulatory approvals, and permit conditions for effects on wetland habitats shall be secured before implementation of any grading activities within 250 feet of waters of the U.S. or wetland habitats or lesser distance deemed sufficiently protective by a qualified biologist with approval from USFWS, including waters of the state, that potentially support Federally listed species. The project applicant(s) shall commit to replace, restore, or enhance on a "no net loss" basis (in accordance with USACE and the Central Valley RWOCB) the acreage of all wetlands and other waters of the U.S. that would be removed, lost, and/or degraded with implementation of project plans for that phasedevelopment increment. Wetland habitat shall be restored, enhanced, and/or replaced at an acreage and location and by methods agreeable to USACE, the Central Valley RWOCB, and the City, as appropriate, depending on agency jurisdiction, and as determined during the Section 401 and Section 404 permitting processes. As part of the Section 404 permitting process, a draft wetland mitigation and monitoring plan (MMP) shall be developed for the project on behalf of the project applicant(s). Before any ground-disturbing activities in an area that would adversely affect wetlands and before engaging in mitigation activities associated with each phase of discretionary development entitlement, the project applicant(s) shall submit the draft wetland MMP to USACE, the Central Valley RWQCB, Sacramento County, El Dorado County, and the City for review and approval of those portions of the plan over which they have jurisdiction. The MMP would have to be finalized prior to issuance of a Section 404 permitimpacting any wetlands. Once the final MMP is approved and implemented, mitigation monitoring shall continue for a minimum of 5 years from completion of mitigation, or human intervention (including recontouring and grading), or until the performance standards identified in the approved MMP have been met, whichever is longer. As part of the MMP, the project applicant(s) shall prepare and submit plans for the creation of aquatic habitat in order to adequately offset and replace the aquatic functions and services that would be lost at the SPA, account for the temporal loss of habitat, and contain an adequate margin of safety to reflect anticipated success. Restoration of previously altered and degraded wetlands shall be a priority of the MMP for offsetting losses of aquatic functions on the SPA because it is typically easier to achieve functional success in restored wetlands than in those created from uplands. The MMP must demonstrate how the aquatic functions and values that would be lost through project implementation will be replaced. The habitat MMP for jurisdictional wetland features shall be consistent with USACE's and EPA's April 10, 2008 Final Rule for Compensatory Mitigation for Losses of Aquatic Resources (33 CFR Parts 325 and 332 and 40 CFR Part 230) and USACE's October 26, 2010 Memorandum Re: Minimum Level of Documentation Required for Permit Decisions, According to the Final Rule, mitigation banks should be given preference over other types of mitigation because a lot of the risk and uncertainty regarding mitigation success is alleviated by the fact that mitigation bank wetlands must be established and demonstrating

NP (No Action/No Project)		NCP (No USACE Permit) PP (Proposed Project)		)	RIM (Resource Impact Minimization)
CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures						
Impact	Land/Water/GPA		Significance			
Mitigation						
functionality before credits can be sold. This The use of mitigation credits also alleviates temporal losses of wetland function while compensatory wetlands are being established. Mitigation banks also tend to be on larger, more ecologically valuable parcels and are subjected to more rigorous scientific study and planning and implementation procedures than typical permittee-responsible mitigation sites (USACE and EPA, 2008). Permittee-responsible on-site mitigation areas can be exposed to long-term negative effects of surrounding development since they tend to be smaller and less buffered than mitigation banks. However, tThe Final Rule also establishes a preference for a "watershed approach" in selecting locations for compensatory mitigation project locations, that mitigation selection must be "appropriate and practicable" and that mitigation banks must address watershed needs based on criteria set forth in the Final Rule. compensating losses of aquatic resources within the same watershed as the impact site. The watershed approach accomplishes this objective by expanding the informational and analytic basis of mitigation project site selection decisions and ensuring that both authorized impacts and mitigation are considered on a watershed scale rather than only project by project. This requires a degree of flexibility so that district engineers can authorize mitigation projects that most effectively address the case-specific circumstances and needs of the watershed, while remaining practicable for the permittee. The SPA includes portions of the Alder Creek, Buffalo Creek, Coyote Creek, and Carson Creek and Coyote Creek are part of the Cosumnes River Watershed. Alder Creek and Buffalo Creek are part of the Lower American River Watershed. Carson Creek and Coyote Creek are part of the Cosumnes River Watershed. Mitigation credits may be available within the Cosumnes Watershed, but not within the affected watersheds, in order to successfully replace lost functions at the appropriate watershed scale where loss of fun						
and off-site permittee-responsible mitigation and mitigation banking would likely be necessary to acheeve the no-net-loss standard. The SPA is located within the service areas of several approved mitigation banks (e.g., Bryte Ranch, Clay Station, Fitzgerald Ranch, and <u>Sunrise Douglas</u> <u>Preservation BankTwin City Mitigation Bank</u> ). The majority of compensatory mitigation for wetland impacts is proposed to be accomplished at an agency- <u>approved mitigation bank or banks authorized to sell credits to offset impacts in the SPA</u> . The applicants' biological consultant, ECORP, has identified availability of approximately <u>3031</u> vernal pool credits and <u>225228</u> seasonal wetland credits at mitigation banks whose service area <del>appears to</del> includes the SPA. <u>Additional</u> <u>credits may also be available from pending, but not yet approved, mitigation banks</u> . However, <del>the</del> availability is subject to change and, as noted above, a combination of mitigation bank credits and permittee-responsible on and off-site mitigation may be necessary to fully offset project impacts on wetlands and other waters of the U.S. If USACE determines that the use of mitigation bank credits is not sufficient mitigation to offset impacts within the SPA, the October 26, 2010 Memorandum Re: Minimum Level of Documentation Required for Permit Decisions requires <u>USACE to specifically demonstrate why the use of bank credits is not acceptable to USACE in accordance with Section 33 CFR 332.3(a)(1)</u> . Compensatory mitigation for losses of stream and intermittent drainage channels shall follow the Final Rule Guidelines , which specify that compensatory <u>mitigation should</u> be achieved through in-kind preservation, restoration, or enhancement <del>, as specified in the Final Rule guidelines</del> within the same watershed, subject to practicability considerations. The wetland MMP shall address how to mitigate impacts on vernal pool, seasonal swale, seasonal wetland, seep, marsh, pond, and intermittent and perennial stream habitat, and shall describe specific m						
P (No Action/No Project) NCP (No USACE Permit) D (Centralized Development) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Nater Facility Alternative)	RIM (Resource Impact Minimization)			
(Beneficial) NI (No impact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)			

CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable

		Summary of Imp	Table 1-1 pacts and Mitigation Measure	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
•	located in the most likel habitat diversity, habitat adjacent land uses, and t	y position to successfully replace wetlan connectivity, available water sources an he likelihood for success and sustainabil	d functions lost on the impact s d hydrologic relationships, lan ity;	ite considering watershe d use trends, ecological	ed-scale features such as aquatic benefits, and compatibility with
► A fi <u>d</u>	A complete assessment of th unctional assessment using letermined through consulta	e existing biological resources in both th the California Rapid Assessment Methor tion with USACE and the USFWS, to es	e on-site preservation areas and d (CRAM) (Collins et al. 2008) tablish baseline conditions;	d off-site compensatory i , <u>or other appropriate we</u>	mitigation areas, including wetlan etland assessment protocol as
► S	Specific creation and restora	tion plans for each mitigation site;			
▶— <u>H</u>	n kind reference wetland ha	bitats for comparison with compensatory	wetland habitats (using perfor	mance and success crite	ria) to document success;
► <u>U</u>	Jse of CRAM to compare co	ompensatory wetlands to the baseline CF	AM scores from wetlands in the	he SPA. The compensato	ory wetland CRAM scores shall b
<u>c</u>	compared against the highes	t quality wetland of each type from the S	PA;		
►_ <del>[</del>	Description of methodology	used to select reference wetlands for cor	nparison;		
► <u>C</u>	CRAM scores, or other wetle each wetland type to docume	and assessment protocol scores, from the ent success of compensatory wetlands in	compensatory wetlands shall replacing the functions of the a	be compared against the affected wetlands to be re	highest quality wetland scores fo eplaced;
► N	Monitoring protocol, includi	ng schedule and annual report requireme	nts, and the following element	s:	
•	ecological performance by Barbour et al. 2007).	standards, based on the best available sc Performance standards must be based or	ience, that can be assessed in a a attributes that are objective an	practicable manner (e.g. nd verifiable;	, performance standards proposed
•	CRAM <u>assessments</u> con acquiring wetland function results for compensatory	ducted annually for 5 years after constru- ons and to plot the performance trajectory wetlands shall also be compared agains	ction or restoration of compen- ry of preserved, restored, or cre t scores for reference wetlands	satory wetlands to deterr eated wetlands over time assessed in the same year	nine whether these areas are . <del>CRAM scores</del> <u>Assessments</u> ar;
•	CRAM <u>assessments</u> ana areas are retaining funct reference wetlands asses	lysis conducted annually for 5 years afte ions and values. CRAM scores Assessm ssed in the same year;	r any construction adjacent to v ents results for wetlands preser	wetlands preserved on th ved on site shall also be	e SPA to determine whether these compared against scores for
•	analysis of CRAM asses	sments data, including assessment of po	tential stressors, to determine v	whether any remedial act	ivities may be necessary;
•	corrective measures if p	erformance standards are not met;			
•	monitoring of plant com achievement of mitigation "matures" over time;	munities as performance criteria (annual on habitat requirement at end of monitor	measure of success, during measure of success, d	onitoring period) and suc tion have become establ	ccess criteria (indicative of ished and the creation site
•	GIS analysis of compen	satory wetlands to demonstrate actual ac	reage of functioning wetland h	abitat;	
•	adaptive management m	easures to be applied if performance star	ndards and acreage requiremen	ts are not being met;	
•	responsible parties for n	nonitoring and preparing reports; and			
(No Act (Centra	tion/No Project) alized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimizatio
Renefici	al) NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

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		Sur	Tannary of Impacts	able 1-1 s and Mitigation Meas	ures	
		Impact		Land/Water/GPA		Significance
		Mitigation				
<ul> <li>responsible</li> </ul>	le parti	es for receiving and reviewing re	ports and for verify	ng success or prescribing	implementation or corr	ective actions.
An <u>final</u> operations submitted to USAC shall include detail legal protection for endowment). <u>A fin</u>	s and m CE and ed info the pr al OM	nanagement plan (OMP) for all or USFWS for review, comment an ormation on the habitats present w eservation and mitigation areas (6 P for each discretionary developm	n- and off-site <u>perm</u> id <u>preliminary</u> appro- vithin the preservation e.g., conservation ea nent entitlement affor	<u>ittee-sponsored</u> wetland p oval prior to the issuance of on and mitigation areas, the sement, declaration of respecting wetlands must be a	reservation and mitigation of any permits under Seme long-term manageme strictions), and funding pproved prior to constru-	on areas shall be prepared and ction 404 of the CWA. The plan nt and monitoring of these habitat mechanism information (e.g., <u>action.</u>
USACE has detern detail proposed we and implementation In addition to USA agency jurisdiction El Dorado County Sacramento County impacts on the non this process shall b under Section 404	nined t tland r n of the CE ap , and a shall b y and t jurisdi e impli- of the	hat the project will require an ind estoration, enhancement, and/or r e wetland MMP shall aim to fully proval, approval by the City, Sacr is determined during the Section 4 e required for impacts resulting fi he roadway connections into El D ctional wetlands beyond the jurise emented before grading plans are CWA.	ividual permit. In it eplacement activitie mitigate all unavoi ramento County, El 401 and Section 404 rom off-site project Dorado County. To s diction of USACE s approved. The MM	s final stage and once app es that would ensure no ne dable impacts on jurisdict Dorado County, and the O permitting processes, wi elements occurring in the atisfy the requirements of hall be included in the sam P shall be submitted to U	roved by USACE, the Met loss of aquatic function tional waters of the U.S. Central Valley RWQCB Il also be required. Appr se counties, such as the f the City and the Centra me MMP. All mitigation SACE and approved pr	MMP for the project is expected to ons in the project vicinity. Approve , including jurisdictional wetlands , as appropriate depending on rovals from Sacramento County a off-site detention basin in al Valley RWQCB, mitigation of n requirements determined throug ior to the issuance of any permits
Water quality certine permit. Before com- required as part of	fication struction the issue	n pursuant to Section 401 of the C on in any areas containing wetland uance of water quality certificatio	CWA will be require d features, the proje on shall be implement	ed before issuance of the r ct applicant(s) shall obtainted.	ecord of decision and be n water quality certifica	efore issuance of a Section 404 tion for the project. Any measures
Mitigation for the or applicable project p	off-site phase <u>i</u>	elements outside of the City of F <u>n consultation</u> with the affected o	folsom's jurisdiction versight agency(ies	nal boundaries must be <del>co</del> ) (i.e., Caltrans, El Dorad	<del>ordinated</del> <u>developed</u> by o and/or Sacramento Co	the project applicant(s) of each punties).
Implementation:	Pro	ject applicant(s) of all project pha or waters of the state.	ses for each discret	onary development entitl	ement requiring fill of w	vetlands or other waters of the U.S
Timing:	Bef	ore the approval of grading or imp wetland features or other waters implemented on an ongoing bas	provement plans or s of the U.S The M sis throughout and a	any ground-disturbing ac MP must be approved be fter construction, as requi	tivities for any project d fore any impact on weth red.	evelopment phase containing ands can occur. Mitigation shall b
Enforcement:	1.	For all project-related improven Department.	nents that would be	located within the City of	f Folsom: City of Folsor	n Community Development
	2.	For the two roadway connection	ns in El Dorado Hill	s: El Dorado County Dev	elopment Services Depa	artment.
	3.	For the detention basin west of	Prairie City Road: S	acramento County Plann	ing and Community Dev	velopment Department.
	4.	For the U.S. 50 interchange imp	provements: Caltran	S.		
(No Action/No Project) (Centralized Developn	) nent)	NCP (No USACE Pern RHD (Reduced Hillside	nit) ∋ Development)	PP (Proposed Projec PA (Preferred Off-site	t) Water Facility Alternative	RIM (Resource Impact Minimizati )
eneficial) N	II (No ir	npact) LTS (Less than sign	ificant) PS	6 (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Su	Table 1-1 mmary of Impacts and Mi	tigation Mea	isures	
Impact	La	and/Water/GPA	L. C.	Significance
Mitigation				
<ol> <li>U.S. Army Corps of Engineers agency jurisdiction, and as det Grading Ordinance (Folsom M connections from Folsom Heig</li> </ol>	A Sacramento District; Central ermined during the Section 40 funicipal Code 14.29), or appre- thts to El Dorado Hills.	Valley Region 1 and Section opriate county	nal Water Quality Contro 404 permitting processes grading ordinance for off	l Board as appropriate depending of and in compliance with the City's f-site detention basin and roadway
RIM: Implement Mitigation Measures 3A.3-1a and 3A.3-	-1b.			
CD: Implement Mitigation Measures 3A.3-1a and 3A.3-1	b.			
RHD: Implement Mitigation Measures 3A.3-1a and 3A.3	-1b.			
NF: Implement Mitigation Measures 3A.3-1a and 3A.3-1	b.			
OFF-SITE				
Mitigation Measure: Implement Mitigation Measures 3A	A.3-1a and 3A.3-1b.			
Significance after Mitigation: significant and unavoidal	ble			
and Swainson's hawk, could also occur.			Elderberry Longhorn Bea (Tricolored Blackbird) di indirect & LTS (Special-Status Bats) dire indirect (Other Special-Status Sp NF: (Wildlife Associated indirect significant (Swainson's Hawk and C Longhorn Beetle, Specia significant (Tricolored Blackbird) di indirect LTS (Other Special-Status Sp OFF-SITE PP, RIM, CD, RHD: (W	and Other Raptors, Valley etle) direct & indirect significant irect & potentially significant, no ecies) direct & indirect LTS d with Vernal Pools) no direct & Other Raptors, Valley Elderberry l-Status Bats) direct and indirect irect potentially significant & ecies) direct & indirect LTS Vildlife Associated with Vernal
No Action/No Project) NCP (No USACE Per Centralized Development) RHD (Reduced Hillsid	mit) PP de Development) PA	(Proposed Proje (Preferred Off-s	ect) ite Water Facility Alternative	RIM (Resource Impact Minimizati
eneficial) NI (No impact) LTS (Less than sig	nificant) PS (Potentia	lly significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures							
Impact	Land/Water/GPA	Significance					
Mitigation							
	Pools, Valley significant (Swainson's potentially si (Tricolored E indirect & L (Special-Stat (Other Special	<ul> <li>Felderberry Longhorn Beetle) direct &amp; indirect</li> <li>Hawk and Other Raptors) direct &amp; indirect</li> <li>gnificant</li> <li>Blackbird) direct &amp; potentially significant,</li> <li>TS</li> <li>us Bats) no direct or indirect</li> <li>al-Status Species) direct &amp; indirect LTS</li> </ul>					

## **ON-SITE**

NP: No mitigation measures required.

## PP: Mitigation Measure: Implement Mitigation Measures 3A.3-1a and 3A.3-1b.

## Mitigation Measure 3A.3-2ba: Avoid Direct Loss of Swainson's Hawk and Other Raptor Nests.

To mitigate impacts on Swainson's hawk and other raptors (including burrowing owl), the project applicant(s) of all project phases shall retain a qualified biologist to conduct preconstruction surveys and to identify active nests on and within 0.5 mile of the SPA and active burrows on the SPA. The surveys shall be conducted before the approval of grading and/or improvement plans (as applicable) and no less than 14 days and no more than 30 days before the beginning of construction for all project phases. To the extent feasible, guidelines provided in Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in the Central Valley (Swainson's Hawk Technical Advisory Committee 2000) shall be followed for surveys for Swainson's hawk. If no nests are found, no further mitigation is required.

If active nests are found, impacts on nesting Swainson's hawks and other raptors shall be avoided by establishing appropriate buffers around the nests. No project activity shall commence within the buffer area until the young have fledged, the nest is no longer active, or until a qualified biologist has determined in <u>coordination</u> with DFG that reducing the buffer would not result in nest abandonment. DFG guidelines recommend implementation of 0.25- or 0.5mile-wide buffers, but the size of the buffer may be adjusted if a qualified biologist and the City, in consultation with DFG, determine that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist during and after construction activities will be required if the activity has potential to adversely affect the nest.

If active burrows are found, a mitigation plan shall be submitted to the City for review and approval before any ground-disturbing activities. The City shall consult with DFG. The mitigation plan may consist of installation of one-way doors on all burrows to allow owls to exit, but not reenter, and construction of artificial burrows within the project vicinity, as needed; however, burrow owl exclusions may only be used if a qualified biologist verifies that the burrow does not contain eggs or dependent young. If active burrows contain eggs and/or young, no construction shall occur within 50 feet of the burrow until young have fledged. Once it is confirmed that there are no owls inside burrows, these burrows may be collapsed.

Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries must be <u>coordinated</u> <u>developed</u> by the project applicant(s) of each applicable project phase <u>in consultation</u> with the affected oversight agency(ies) (i.e., El Dorado and/or Sacramento Counties, or Caltrans), such that the performance criteria set forth in DFG's guidelines are determined to be met.

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project	RIM (Resource Impact Minimization)	
CD (Centralized Development)		RHD (Reduced Hillside Development)	RHD (Reduced Hillside Development)         PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Im	Table 1-1 pacts and Mitigation Measures				
		Impact	Land/Water/GPA	Significance			
		Mitigation					
Implementation:	mplementation: Project applicant(s) of all project phases.						
Timing:	Before the a for all	approval of grading and improvement p project phases.	lans, before any ground-disturbing activitie	es, and during project construction as applicable			
Enforcement:	1. Califo	rnia Department of Fish and Game.					
	2. For all Depar	project-related improvements that wou tment.	Id be located within the City of Folsom: C	ity of Folsom Community Development			
	3. For the	e two roadway connections in El Dorad	o Hills: El Dorado County Development Se	ervices Department.			
	4. For the	e U.S. 50 interchange improvements: C	altrans.				
	5. For the	e detention basin west of Prairie City R	oad: Sacramento County Planning and Con	nmunity Development Department.			
mitigation plan ind Before the approve the satisfaction of mitigation of habit with DFG and a qu	cluding, but not al of grading ar the City or Sac tat value for Sw ualified biologi	i limited to the requirements described to ad improvement plans or before any gro ramento County, as appropriate depend vainson's hawk foraging habitat lost as a st.	below. bund-disturbing activities, whichever occurs ling on agency jurisdiction, suitable Swains a result of the project, as determined by the	s first, the project applicant(s) shall preserve, to son's hawk foraging habitat to ensure 1:1 c City, or Sacramento County, after consultation			
The 1:1 habitat va area, or Sacrament <i>Regarding Mitigat</i> loss of foraging ha than 10 miles from Swainson's hawk mitigation land sh consultation with	lue shall be bas to County jurise tion for Impacts abitat in these c n an active nest foraging habita all be located w DFG, will deter	ed on Swainson's hawk nesting distribu- diction. The mitigation ratio shall be co <i>s to Swainson's Hawks</i> (Buteo swainson ategories: 1:1 if within 1 mile of an acti- site. Such mitigation shall be accompli- t credits to mitigate losses in the SPA, if within the known foraging area and with mine the appropriateness of the mitigate	ation and an assessment of habitat quality, a nsistent with the 1994 DFG Swainson's Ha ni) in the Central Valley of California, which we nest site, 0.75:1 if over 1 mile but less t shed through eithercredit purchase from an <u>f available</u> , or through the transfer of fee ti in Sacramento County. The City, or Sacrar tion land.	availability, and use within the City's planning <i>wk Guidelines included in the Staff Report</i> <u>ch call for the following mitigation ratios for</u> <u>han 5 miles, and 0.5:1 if over 5 miles but less</u> <u>established mitigation bank approved to sell</u> tle or perpetual conservation easement. The mento County if outside City jurisdiction, after			
Before approval o of the mitigation. I maintain Swainson the land. The cons Swainson's hawk	f such proposed If mitigation is n's hawk foragi ervation easem habitat.	I mitigation, the City, or Sacramento Co accomplished through conservation eas ng values, including but not limited to ent shall be recordable and shall prohib	bunty for the off-site detention basin, shall bement, then such an easement shall ensure ongoing agricultural uses and the maintena it any activity that substantially impairs or	consult with DFG regarding the appropriateness the continued management of the land to nce of all existing water rights associated with diminishes the land's capacity as suitable			
The project applic conservation organ	ant(s) shall tran	sfer said Swainson's hawk mitigation l prvation Operator), with the City and DI	and, through either conservation easement FG named as third-party beneficiaries. The	or fee title, to a third-party, nonprofit Conservation Operator shall be a qualified			
(No Action/No Project	+)		PP (Pronosed Project)	RIM (Resource Impact Minimization)			

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)	RIM (Resource Impact Minimization)	
CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

		Summary	Table 1-1 of Impacts and Mitigation Measures	
		Impact	Land/Water/GPA	Significance
		Mitigation		
conservation easer conservation organ DFG. The City, or or County, DFG, a monitor the easem	nent la nizatio Coun ind the ent in	and manager that manages land as its prim n that meets the criteria of Civil Code Sec ty, after consultation with DFG and the C conservation Operator shall each have the perpetuity to assure compliance with the	hary function. Additionally, the Conservation O etion 815.3(a) and shall be selected or approved onservation Operator, shall approve the content in power to enforce the terms of the conservation terms of the easement.	perator shall be a tax-exempt nonprofit by the City or County, after consultation with t and form of the conservation easement. The Cit on easement. The Conservation Operator shall
The project applica financial mechanis is used, either the e basin to be distribut in exchange for an conservation easen at the off-site deter	ant(s), m that endown ited to agreen nent or nent or	after consultation with the City, or County is sufficient to fund in perpetuity the opera- ment funds shall be submitted to the City for an appropriate third-party nonprofit conser- ment to manage and maintain the lands in p mitigation land it acquires without prior w asin shall require approval from Sacramen	of jurisdiction, DFG, and the Conservation Oper ation, maintenance, management, and enforcement or impacts on lands within the City's jurisdiction vation agency, or they shall be submitted directl perpetuity. The Conservation Operator shall not sub- vritten approval of the City and DFG. Mitigation to County prior to sale or transfer of mitigation la	rator, shall establish an endowment or some other ent of the conservation easement. If an endowment or Sacramento County for the off-site detention y to the third-party nonprofit conservation agency sell, lease, or transfer any interest of any lands established or acquired for impacts incurred ands or conservation easement.
If the Conservation acceptable to the C mitigation habitat regular monitoring after establishmen Sacramento Count	n Oper City an establi g <u>repor</u> t of the ty shal	rator ceases to exist, the duty to hold, adm d DFG, or Sacramento County and DFG ished for impacts on habitat within the Cit ts prepared by the Conservation Operator e easement and shall be funded through th l review the monitoring reports habitat an	inister, manage, maintain, and enforce the inter depending on jurisdiction of the affected habita cy's planning area is properly established and is of the mitigation site(s). <u>Monitoring of the mit</u> <u>be endowment</u> , or other appropriate funding men- d ensure success for impacts on habitat at the o	rest shall be transferred to another entity t. The City Planning Department shall ensure tha functioning as habitat by <del>conducting</del> <u>reviewing</u> <u>igation site(s) shall continue</u> for the first 10 years <u>chanism</u> , established by the project applicant(s). ff-site detention basin.
Mitigation for the project phase with	off-sit the af	e elements outside of the City of Folsom' fected oversight agency(ies) (i.e., Sacram	s jurisdictional boundaries must be coordinated ento County and Caltrans).	by the project applicant(s) of each applicable
Implementation:	Pro	pject applicant(s) of all project phases.		
Timing:	Be	fore the approval of grading, improvement phase that would affect Swainson's have	t, or construction plans and before any ground- wk foraging habitat.	disturbing activity in any project development
Enforcement:	1.	For all project-related improvements th Department.	at would be located within the City of Folsom:	City of Folsom Community Development
	2.	For the detention basin west of Prairie	City Road: Sacramento County Planning and C	ommunity Development Department.
	3.	For the U.S. 50 interchange improvement	ents: Caltrans.	
Mitigation Measu To avoid and mini that would occur d before any activity conducted within	mize i mize i luring occur 14 day	<b>3-2ec:</b> Avoid and Minimize Impacts to mpacts to tricolored blackbird, the project the tricolored blackbird's nesting season ( tring within 500 feet of suitable nesting has before project activity begins.	<b>Tricolored Blackbird Nesting Colonies.</b> t applicant(s) of all project phases shall conduct (March 1–August 31). The preconstruction surv abitat, including freshwater marsh and areas of	t a preconstruction survey for any project activity yey shall be conducted by a qualified biologist riparian scrub vegetation. The survey shall be
(No Action/No Project (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Develo	PP (Proposed Project) pment) PA (Preferred Off-site Water Fa	RIM (Resource Impact Minimizati cility Alternative)

 B (Beneficial)
 NI (No impact)
 LTS (Less than significant)
 PS (Potentially significant)
 S (Significant)
 SU (Significant and unavoidable)

AECOM Introduction
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Impact Mitigation	Land/Water/GPA	Significance
Mitigation		
5		
bird colony is present, no further mitigation is reactivity shall commence within the buffer area unti- sultation with DFG. Buffer size is anticipated to a in the area, and other relevant circumstances.	quired. If a colony is found, the qualified bio il a qualified biologist confirms that the color range from 100 to 500 feet, depending on the	logist shall establish a buffer around the nesti ny is no longer active. The size of the buffer s nature of the project activity, the extent of
E-site elements outside of the City of Folsom's jur ject applicant(s) of each applicable project phase mance criteria described above.	risdictional boundaries (i.e., U.S. 50 interchan in consultation with the affected oversight ag	nge improvements) must be <del>coordinated</del> gency(ies) (i.e., Caltrans) and must be sufficie
Project applicant(s) of all project phases.		
Before the approval of any ground-disturbing ac	ctivity within 500 feet of suitable nesting habi	tat as applicable for all project phases.
1. For all project-related improvements that w Department.	vould be located within the City of Folsom: C	City of Folsom Community Development
2. For the U.S. 50 interchange improvements:	: Caltrans.	
the fall to determine if the mine shaft is used as a consist of evening emergence surveys to note the s observed, the number and species of bats using then no further study shall be required.	a hibernaculum and in spring and/or summer presence or absence of bats and could consis the roost shall be determined. Bat detectors n	to determine if it is used as a maternity or da t of visual surveys at the time of emergence. hay be used to supplement survey efforts. If i
or Townsend's big-eared bats are determined to d. A mitigation program addressing compensation entation. Exclusion methods may include use of o confirmed to contain no bats. Exclusion efforts m are nursing young). The loss of each roost (if any the bat species and colony size excluded from the s. Once the replacement roosts are constructed an	be present and must be removed, the bats sha on, exclusion methods, and roost removal pro- one-way doors at roost entrances (bats may lea nay be restricted during periods of sensitive a y) will be replaced in consultation with DFG e original roosting site. Roost replacement with nd it is confirmed that bats are not present in	Ill be excluded from the roosting site before to be dures shall be developed in consultation we ave but not reenter), or sealing roost entrance ctivity (e.g., during hibernation or while fem and may include construction and installation ill be implemented before bats are excluded the original roost site, the mine shaft may be
Project applicant(s) of all project phases contain	ing potential bat roosting habitat.	
Before the approval of removal or fill of the min	ne shaft on the SPA.	
City of Folsom Community Development Depart	rtment.	
	<ul> <li>ctivity shall commence within the buffer area unt sultation with DFG. Buffer size is anticipated to in the area, and other relevant circumstances.</li> <li>f-site elements outside of the City of Folsom's ju ject applicant(s) of each applicable project phase mance criteria described above.</li> <li>Project applicant(s) of all project phases.</li> <li>Before the approval of any ground-disturbing at 1. For all project-related improvements that we Department.</li> <li>2. For the U.S. 50 interchange improvements</li> <li>to f all project phases containing potential bat room the fall to determine if the mine shaft is used as consist of evening emergence surveys to note the s observed, the number and species of bats using then no further study shall be required.</li> <li>c or Townsend's big-eared bats are determined to confirmed to contain no bats. Exclusion efforts not sare nursing young). The loss of each roost (if an the bat species and colony size excluded from the survey of all project applicant(s) of all project phases contair Before the approval of removal or fill of the mine for the project applicant(s) of all project phases contair for the survey of confirmed to contain no bats. Exclusion efforts not sare nursing young). The loss of each roost (if an the bat species and colony size excluded from the survey of confirmed to contain no bats are constructed a</li> </ul>	<ul> <li>citivity shall commence within the buffer area until a qualified biologist confirms that the color sultation with DFG. Buffer size is anticipated to range from 100 to 500 feet, depending on the in the area, and other relevant circumstances.</li> <li>f-site elements outside of the City of Folsom's jurisdictional boundaries (i.e., U.S. 50 interchan ject applicant(s) of each applicable project phase in consultation with the affected oversight agmance criteria described above.</li> <li>Project applicant(s) of all project phases.</li> <li>Before the approval of any ground-disturbing activity within 500 feet of suitable nesting habit 1. For all project-related improvements that would be located within the City of Folsom: C Department.</li> <li>2. For the U.S. 50 interchange improvements: Caltrans.</li> <li><b>3A.3-2fd: Avoid and Minimize Impacts to Special-Status Bat Roosts.</b></li> <li>to fall project phases containing potential bat roosting habitat shall retain a qualified biologist the fall to determine if the mine shaft is used as a hibernaculum and in spring and/or summer consist of evening emergence surveys to note the presence or absence of bats and could consis s observed, the number and species of bats using the roost shall be determined. Bat detectors n then no further study shall be required.</li> <li>or Townsend's big-eared bats are determined to be present and must be removed, the bats shad. A mitigation program addressing compensation, exclusion methods, and roost removal programation. Exclusion methods may include use of one-way doors at roost entrances (bats may leconfirmed to contain no bats. Exclusion efforts may be restricted during periods of sensitive a sa re nursing young). The loss of each roost (if any) will be replaced in consultation with DFG the bat species and colony size excluded from the original roosting shabitat. Before the approval of removal or fill of the mine shaft on the SPA.</li> <li>City of Eclsom Community Development Denartment</li> </ul>

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Development) RHD (Reduced Hillside Development) PA (Preferre		PA (Preferred Off-site	Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 Summary of Impacts and Mitigation Measures						
		Impact		Land/Water/GPA		Significance
		Mitigation				
Mitigation Measu Compensate for t ESA. No project c feet or lesser distant applicant(s) have a include preparation Under the No Fede	<b>Ire 3A.3-2</b> <b>he Loss of</b> onstruction nee deeme ibided by c n of suppo eral Action	ge: Obtain an Incidental Vernal Pool Habitat. The shall proceed in areas sup d sufficiently protective by conditions in the BO (includent rting documentation described). Alternative, interagency contents	Take Permit under e project applicant(s porting potential ha a qualified biologis ding all conservation bing methods to pro onsultation under Se	Section 10(a) of ESA; Development of the section 10(a) of ESA; Development of the section 10(a) of ESA; Development of the section 10(a) of ESA would not of the section 10(a) of ESA would not of the section 10(a) of ESA would not of the section 10(a) of the sec	elop and Implement a obtain an incidental take al pool invertebrates, or b), until a BO has been i ). Conservation and mir ing and after project con- cour; therefore, the project	Habitat Conservation Plan to permit under Section 10(a) of within adequate buffer areas (250 ssued by USFWS and the project imization measures are likely to nstruction. ect applicant(s) would be required
to develop a habita participate in, a ha plan shall be consi by USFWS.	tt conserva bitat conse stent with	tion plan to mitigate impac revation plan that shall com the goals of the Recovery F	ts on Federally liste pensate for the loss Plan for Vernal Pool	d vernal pool invertebrates. T of acreage, function, and val- Ecosystems of California an	The project applicant(s) ue of affected vernal po d Southern Oregon (US	shall complete and implement, or ol habitat. The habitat conservatio FWS 2005) and must be approved
The project application and vernal pool co easement acceptable	ant(s) for a mplexes to le to the C	ll project phases shall ensu provide ecosystem health. ity and USFWS.	re that there is suffi- The land used to sa	cient upland habitat within th tisfy this mitigation measure	e target areas for creation shall be protected through	on and restoration of vernal pools agh a fee title or conservation
The project applica habitat within 250 distance is pursued indirectly affected work within 250 fe this mitigation mea	int(s) for al feet of proj , this distant vernal poo et of such issure for di	l project phases shall identified ect construction activities on nee shall be approved by US l habitat. This mitigation sha habitat, and before any grou rect or indirect impacts that	fy the extent of indir r by providing an alt SFWS. The project a all occur before the a ind-disturbing activity have already been n	ectly affected vernal pool and ernative technical evaluation pplicant(s) shall preserve 2 w upproval of any grading or im by within 250 feet of the habit nitigated to the satisfaction of	seasonal wetland habita in support of a lesser ind etted acres of vernal poo provement plans for any at. The project applicant USFWS through anothe	t, either by identifying all such irect impact distance. If a lesser l habitat for each wetted acre of any project phase that would allow (s) will not be required to complete r BO or mitigation plan.
A standard set of I adequate by a qual Quality - Land" fo	BMPs shall ified biolo r the detail	be applied to construction gist (with approval from U s of BMPs to be implemen	occurring in areas v SFWS) to constitute ted.	vithin 250 feet of off-site ver e a sufficient buffer from such	nal pool habitat, or with n habitat. Refer to Section	in any lesser distance deemed on 3A.9, "Hydrology and Water
Mitigation for the project phase with	off-site ele the affecte	ments outside of the City or ed oversight agency(ies) (i.e	of Folsom's jurisdict e., El Dorado and/or	ional boundaries must be coo Sacramento Counties or Cal	ordinated by the project trans).	applicant(s) of each applicable
Implementation:	Project	applicant(s) of all project p	phases and on-site a	nd off-site elements.		
Timing:	Before or	the approval of any grading going basis throughout con	g or improvement p istruction as application	ans, before any ground-distuble for all project phases as 1	rbing activities within 2 equired by the habitat c	50 feet of said habitat, and on an onservation plan and/or BO.
Enforcement:	1. U	S. Fish and Wildlife Servio	ce.			-
	2. Fo D	or all project-related improvepartment.	vements that would	be located within the City of	Folsom: City of Folson	Community Development
(No Action/No Project (Centralized Develop	) ment)	NCP (No USACE P RHD (Reduced Hills	ermit) side Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimizatio
Beneficial)	VI (No impa	ct) LTS (Less than s	ignificant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 **Summary of Impacts and Mitigation Measures** Impact Land/Water/GPA Significance Mitigation For the two roadway connections in El Dorado Hills: El Dorado County Development Services Department. 3. For the detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department. 4. 5. For the U.S. 50 interchange improvements: Caltrans. Mitigation Measure 3A.3-2hf Obtain an Incidental Take Permit under Section 10(a) of ESA; Develop and Implement a Habitat Conservation Plan to Compensate for the Loss of VELB Habitat. As long as valley elderberry longhorn beetle remains a species protected under ESA, the project applicant(s) of all project phases containing elderberry shrubs shall obtain an incidental take permit under Section 10(a) of ESA for valley elderberry longhorn beetle. No project construction shall proceed in areas potentially containing valley elderberry longhorn beetle until a BO has been issued by USFWS, and the project applicant(s) for all project phases have abided by all pertinent conditions in the BOtake permit relating to the proposed construction, including all conservation and minimization measures. Conservation and minimization measures are likely to include preparation of supporting documentation that describes methods for relocation of existing shrubs and maintaining existing shrubs and other vegetation in a conservation area. Under the No Federal Action Alternative, interagency consultation under Section 7 of ESA would not occur; therefore, the project applicant(s) would be required to develop a habitat conservation plan to mitigate impacts on valley elderberry longhorn beetle. The project applicant(s) shall complete and implement a habitat conservation plan that will compensate for the loss of valley elderberry longhorn beetle. Relocation of existing elderberry shrubs and planting of new elderberry seedlings shall be implemented on a no-net-loss basis. Detailed information on monitoring success of relocated and planted shrubs and measures to compensate (should success criteria not be met) would also likely be required in the BO. Ratios for mitigation of valley elderberry longhorn beetle habitat will ultimately be determined through the ESA Section 10(a) consultation process with USFWS, but shall be a minimum of "no net loss." Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries (i.e., U.S. 50 interchange improvements) must be coordinated by the project applicant(s) of each applicable project phase with the affected oversight agency(ies) (i.e., Caltrans). Implementation: Project applicant(s) of all project phases potentially containing elderberry shrubs. Timing: Before the approval of any grading or improvement plans or any ground-disturbing activity within 100 feet of valley elderberry longhorn beetle habitat as applicable for all project phases, and on an ongoing basis as required by the habitat conservation plan and/or BO. Enforcement: 1 U.S. Fish and Wildlife Service 2. City of Folsom Community Development Department. 3. For the U.S. 50 interchange improvements: Caltrans. Mitigation Measure 3A.3-2ag: Secure Take Authorization for Federally Listed Vernal Pool Invertebrates and Implement All Permit Conditions. No project construction shall proceed in areas supporting potential habitat for Federally listed vernal pool invertebrates, or within adequate buffer areas (250 feet or lesser distance deemed sufficiently protective by a qualified biologist with approval from USFWS), until a biological opinion (BO) or Not Likely to Adversely Affect (NLAA) letter has been issued by USFWS and the project applicant(s) of all project phases for any particular discretionary development entitlements affecting such areas have abided by conditions in the BO (including conservation and minimization measures) intended to be completed before on-site construction. Conservation and minimization measures shall include preparation of supporting documentation describing methods to protect existing vernal pools during and after project construction, a detailed monitoring plan, and reporting requirements.

NP (No Action/No P	roject)	ect) NCP (No USACE Permit) PP (Proposed Project)		RIM (Resource Impact Minimization)	
CD (Centralized De	velopment)	ppment) RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)			
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Im	pacts and Mitigation Meas	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
As described unde offset, including de actions if performa	r Mitigation Mea etails on creation ance standards are	sure 3A.3-1a, an MMP shall be develor of habitat, account for the temporal lo e not met.	oped that describes details how oss of habitat, contain performa	loss of vernal pool and nce standards to ensure	other wetland habitats shall be success, and outline remedial
The project application implement a habitation with guidance provide <i>Listed Vernal Pool</i> acceptable to the C	ant(s) of all proje at MMP that will vided in <i>Program</i> <i>l Crustaceans wit</i> City, USACE, and	et phases for any particular discretion result in no net loss of acreage, functi matic Formal Endangered Species Ac- thin the Jurisdiction of the Sacramente USFWS and accomplishes no net los	ary development application per on, and value of affected verna et Consultation on Issuance of p Field Office, California (USF as of habitat acreage, function,	tentially affecting verna l pool habitat. The final 404 Permits for Projects WS 1996) or shall prov and value.	al pool habitat shall complete and habitat MMP shall be consistent s with Relatively Small Effects on ide an alternative approach that is
there is sufficient u standard shall be a or seasonal wetlan feet of project cons The project applica USFWS at the con that would allow w before any ground <u>USFWS</u> . The proje satisfaction of USI applicant(s) will no	upland habitat wi accomplished by r ad habitat to ident struction activitie ant(s) shall presen- nelusion of the Se work within 250 f disturbing activi ect applicant(s) w FWS through ano ot be required to	thin the target areas for creation and re- requiring the project applicant(s) of all ify the extent of indirectly affected ve is or by providing an alternative techn rve acreage of vernal pool habitat for ction 7 consultation. This mitigation size et of such habitat or lesser distance d ty within 250 feet of the habitat or less it not be required to complete this mit ther BO or mitigation plan (i.e., if imp mitigate for it again in another phase of	estoration of vernal pools and v project phases shall for any di rnal pool and seasonal wetland ical evaluation. If a lesser dista each wetted acre of any indirec hall occur before the approval eemed sufficiently protective to ser distance deemed sufficientli itigation measure for direct or i bacts on specific habitat acreag of the project).	ernal pool complexes to scretionary developmen habitat, either by identi nce is pursued, this dista thy affected vernal pool of any grading or impro y a qualified biologist w y protective by a qualifi ndirect impacts that hav e are mitigated by one p	b provide ecosystem health. The <u>is</u> at application affecting vernal pool fying all such habitat within 250 ance shall be approved by USFWS. habitat at a ratio approved by wement plans for any project phase with approval from USFWS, and ded biologist with approval from re already been mitigated to the project phase or element, the project
A standard set of E adequate by a qual Quality - Land" fo	BMPs shall be app lified biologist (wo br the details of B	plied to construction occurring in area with approval from USFWS) to constit MPs to be implemented.	s within 250 feet of off-site ver ute a sufficient buffer from suc	nal pool habitat, or with h habitat. Refer to Secti	nin any lesser distance deemed on 3A.9, "Hydrology and Water
Mitigation for the applicable project	off-site elements phase in consulta	outside of the City of Folsom's jurisd tion with the affected oversight agence	ictional boundaries must be <del>co</del> y(ies) (i.e., El Dorado and/or S	ordinated <u>developed</u> by acramento Counties, or	the project applicant(s) of each Caltrans).
Implementation:	Project applic	ant(s) of all project phases.			
Timing:	Before the app distance deem as applicable f	proval of any grading or improvement ed sufficiently protective by a qualific for all project phases as required by th	plans, before any ground-distu a biologist with approval from e mitigation plan, BO, and/or I	rbing activities within 2 <u>USFWS</u> , and on an ong BMPs.	250 feet of said habitat <u>or lesser</u> going basis throughout construction
Enforcement:	1. U.S. Arr	ny Corps of Engineers, Sacramento D	istrict; U.S. Fish and Wildlife	Service.	
	2. For all p Departm	roject-related improvements that woulent.	ld be located within the City of	Folsom: City of Folson	n Community Development
No Action/No Project Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization)
eneticial)	NI (No impact)	LIS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 **Summary of Impacts and Mitigation Measures** Impact Land/Water/GPA Significance Mitigation For the two roadway connections in El Dorado Hills: El Dorado County Development Services Department. 3. For the U.S. 50 interchange improvements: Caltrans. 4. For the detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department. 4. Mitigation Measure 3A.3-2dh: Obtain Incidental Take Permit for Impacts on Valley Elderberry Longhorn Beetle and Implement All Permit Conditions. Before each phase of the project, the project applicant(s) shall have a qualified biologist identify any elderberry shrubs within 100 feet of the project footprint and conduct a survey for valley elderberry longhorn beetle exit holes in stems greater than 1 inch in diameter. If no project activity, including grading or use of herbicides, would occur within 100 feet of an elderberry shrub, then no further mitigation shall be required for valley elderberry longhorn beetle in those areas. If project activities would occur within 100 feet of any elderberry shrubs, consultation with USFWS under Section 7 will be required. No project construction shall proceed in areas potentially containing valley elderberry longhorn beetle until a BO has been issued by USFWS, and the project applicant(s) of all project phases have abided by all pertinent conditions in the BO relating to the proposed construction, including conservation and minimization measures, intended to be completed before on-site construction. Conservation and minimization measures are likely to include preparation of supporting documentation that describes methods for relocation of existing shrubs and maintaining existing shrubs and other vegetation in a conservation area. Relocation of existing elderberry shrubs and planting of new elderberry seedlings shall be implemented on a no net loss basis consistent with the mitigation ratios described in the Conservation Guidelines for the Valley Elderberry Longhorn Beetle (USFWS 1999). The 1999 conservation guidelines mitigation ratios are based on whether the affected shrub is located in riparian or non riparian habitat, the size of stems affected, and the presence of beetle exit holes. Compensatory mitigation for elderberry shrubs that would be removed from their current locations would be developed in consultation with USFWS during the Section 7 consultation process. Compensatory mitigation may include planting replacement elderberry seedlings or cuttings and associated native plants within the open space areas of the SPA, planting replacement elderberry seedlings or cuttings and associated native plants at a suitable off-site location, purchasing credits at an approved mitigation bank, or a combination thereof. Relocated and replacement shrubs and associated native plantings shall be placed in conservation areas providing a minimum of 1,800 square feet per transplanted shrub. These conservation areas shall be preserved in perpetuity as habitat for valley elderberry longhorn beetle. The number of elderberry shrubs that would be affected by implementing the project is expected to be low because there are currently a total of less than 10 shrubs known to be present on the SPA. Ratios for mitigation of valley elderberry longhorn beetle habitat will ultimately be determined through the ESA Section 7 consultation process with USFWS, but shall be a minimum of "no net loss." USFWS uses stem count data, presence or absence of exit holes, and whether the affected elderberry shrubs are located in riparian habitat to determine the number of elderberry seedlings or cuttings and associated riparian vegetation that would need to be planted as compensatory mitigation for affected elderberry longhorn beetle habitat. The final VELB mitigation plan, including transplanting procedures, long-term protection, management of the mitigation areas, and monitoring procedures shall be consistent with the Conservation Guidelines for the Valley Elderberry Longhorn Beetle (USFWS 1999). The population of valley elderberry longhorn beetles, the general condition of the conservation area, and the condition of the elderberry and associated native plantings in the conservation area must be monitored over a period of either ten consecutive years or for seven years over a 15-year period. A minimum survival rate of at least 60% of the elderberry plants and 60% of the associated native plants must be maintained throughout the monitoring period. Within one year of discovering that survival has dropped below 60%, the project applicant(s) shall replace failed plantings to bring survival above this level. Detailed information on monitoring success of relocated and planted shrubs and measures to compensate (should success criteria not be met) would be required in the BO.

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project	RIM (Resource Impact Minimization)	
CD (Centralized De	velopment)	RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)			
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary	Table 1-1 y of Impacts and Mitigation M	easures	
		Impact	Land/Water/G	PA	Significance
		Mitigation			
Mitigation for the <u>developed</u> by the p to achieve the perf Implementation: Timing:	off-site roject ormanc Proj Bef	elements outside of the City of Folsom' applicant(s) of each applicable project pl ce criteria described above. ject applicant(s) of all project phases. fore the approval of any grading or impro-	's jurisdictional boundaries (i.e., U hase <u>in consultation</u> with the affec ovement plans or any ground-distu	S. 50 interchange improved oversight agency(ies)	ements) must be <del>coordinated</del> (i.e., Caltrans) <u>and must be sufficie</u> feet of valley elderberry longhorn
		beetle habitat as applicable for all proj-	ect phases, and on an ongoing basi	s as required by BO.	
Enforcement:	1.	U.S. Army Corps of Engineers, Sacran	nento District; U.S. Fish and Wild	life Service.	
	2.	For all project-related improvements the Department.	hat would be located within the Cir	y of Folsom: City of Fols	om Community Development
	3.	For the U.S. 50 interchange improvem	ents: Caltrans.		
OFF-SIT	Έ				
Habitat. Project ir if they are present, due to site alteration	npleme throug	entation could result in direct removal of gh loss of suitable habitat or degradation	f special-status plants, of suitable habitat	NP: L15 NCP, PP, RIM, CD, F significant	RHD: Direct & indirect potentially
<b>NP</b> : No mitigation	measu	ires required			
NCP, PP, RIM, C Compensatory M	D, RH itigatio	<b>(D: Mitigation Measure 3A.3-3: Condu- on.</b> To mitigate for the potential loss or conserv development application shall add	uct Special-Status Plant Surveys degradation of special-status plant	<b>Simplement Avoidance</b> species and habitat, the pr	and Mitigation Measures or oject applicant(s) of all project phe
for any particular of	liscreti	onary development application shan adi	here to the requirements described	below.	
<ul> <li>for any particular of the project appretain a qualify status plant su special-status (for interchang detention basi</li> <li>If special-statu appropriate detention</li> </ul>	belicant plicant ied bota <u>rveys s</u> plants a ge impu n) and us plant pendin	t(s) of all proposed project phases for an anist to conduct protocol level preconstr shall not be required for those portions o are found during focused surveys, the bo rovements to U.S. 50), El Dorado Count no further mitigation shall be required. t populations are found, the project appli- ig on species status, to determine the app	y particular discretionary developr ruction special-status plant surveys <u>f the SPA that have already been s</u> otanist shall document the findings y (for roadway connections in El I icant(s) of affected project phases propriate mitigation measures for d	below. <u>nent application</u> , includin, for all potentially occurri <u>urveyed according to DFC</u> in a letter report to USFV Dorado County), and Sacra <u>developments</u> shall consu irect and indirect impacts	g the proposed off-site elements, sh ng species. <u>Preconstruction special</u> <u>5 and USFWS guidelines.</u> If no VS, DFG, the City of Folsom, Caltr amento County (for the off-site It with DFG and USFWS, as on any special-status plant populat
<ul> <li>for any particular of the project apretain a qualificity special status plant su special status (for interchang detention basi</li> <li>If special-statu appropriate detention</li> </ul>	liscreti plicant ied bota rveys s plants a ge impi n) and is plant pendin	t(s) of all proposed project phases for an anist to conduct protocol level preconstr shall not be required for those portions o are found during focused surveys, the bc rovements to U.S. 50), El Dorado Count no further mitigation shall be required. t populations are found, the project appli ig on species status, to determine the app	y particular discretionary developr ruction special-status plant surveys <u>f the SPA that have already been s</u> otanist shall document the findings ry (for roadway connections in El I icant(s) of affected project phases propriate mitigation measures for d	below. <u>nent application</u> , includin, for all potentially occurri <u>urveyed according to DFC</u> in a letter report to USFV Dorado County), and Sacra <u>developments</u> shall consu- irect and indirect impacts	g the proposed off-site elements, sh ng species. <u>Preconstruction special</u> <u>5 and USFWS guidelines.</u> If no VS, DFG, the City of Folsom, Caltr amento County (for the off-site It with DFG and USFWS, as on any special-status plant populat
<ul> <li>for any particular of for any particular of the project apretain a qualify status plant su special-status (for interchange detention basi</li> <li>If special-statut appropriate detention basi</li> <li>No Action/No Project Centralized Development of the provide status of the provide status appropriate detention basi</li> </ul>	liscreti plicant ied bota rveys s plants a ge impr n) and is plant pendin pendin	t(s) of all proposed project phases for an anist to conduct protocol level preconstr shall not be required for those portions of are found during focused surveys, the bo rovements to U.S. 50), El Dorado Count no further mitigation shall be required. t populations are found, the project appli- ig on species status, to determine the app NCP (No USACE Permit) RHD (Reduced Hillside Develo	are to the requirements described and particular discretionary developring ruction special-status plant surveys f the SPA that have already been significant shall document the findings by (for roadway connections in El I icant(s) of affected project phases a propriate mitigation measures for d PP (Proposed Pring opment) PA (Preferred Of	below. <u>nent application</u> , includin, for all potentially occurri <u>urveyed according to DFC</u> in a letter report to USFV Dorado County), and Sacra <u>levelopments</u> shall consul irect and indirect impacts oject) -site Water Facility Alternation	g the proposed off-site elements, sh ng species. <u>Preconstruction special</u> <u>G and USFWS guidelines.</u> If no VS, DFG, the City of Folsom, Caltr amento County (for the off-site It with DFG and USFWS, as on any special-status plant populat RIM (Resource Impact Minimizat /e)

		Summary o	Table 1-1 of Impacts and Mitigation Meas	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
that could occ populations o no net loss of	cur as a res n project n `occupied !	sult of project implementation. Mitigation nitigation sites through seed collection habitat or individuals.	on measures may include preserving or transplantation, and/or restoring o	and enhancing existing j creating suitable habita	populations, creation of off-site t in sufficient quantities to achieve
<ul> <li>If potential in ground-break to U.S. 50), E footprint), or USFWS, as a identify avoid measures incl qualified bota populations to</li> </ul>	npacts on s ing activit. I Dorado O the City of ppropriate lance meas ude fencin mist to kee o be preser	special-status plant species are likely, a y within 250 feet of a special-status plan County (for impacts in roadway connect f Folsom (for on-site impacts and all oth depending on species status, for review sures for any existing population(s) to b bg populations before construction and e p construction crews away from the pop ved on site or protected or enhanced of	mitigation and monitoring plan shall at population. The mitigation plan sh tions in El Dorado County), Sacrame ar off-site elements), for review and and comment. The plan shall requir e retained and compensatory measur exclusion of project activities from the pulation. The mitigation plan shall al f site.	be developed before the all be submitted to Caltr nto County (for impacts approval. It shall be sub e maintaining viable pla es for any populations d e fenced-off areas, and o so include monitoring an	approval of grading plans or any ans (for interchange improvement in the off-site detention basin omitted concurrently to DFG or nt populations on-site and shall irectly affected. Possible avoidanc construction monitoring by a nd reporting requirements for
<ul> <li>If relocation e site preparation initial effort f</li> </ul>	efforts are on, installa ail to meet	part of the mitigation plan, the plan sha tion, long-term protection and manager t long-term monitoring requirements.	Il include details on the methods to b nent, monitoring and reporting requir	e used, including collect rements, and remedial ac	ion, storage, propagation, receptor tion responsibilities should the
► If off-site mit measures shall long-term ma	igation inc ll be incluc nagement	eludes dedication of conservation easem ded in the mitigation plan, including inf requirements, and other details, as appr	ents, purchase of mitigation credits of ormation on responsible parties for loopriate to target the preservation on the preservation of the preser	or other off-site conserva ong-term management, c ong term viable populat	tion measures, the details of these conservation easement holders, ions.
Mitigation for the project phase with	off-site ele the affect	ements outside of the City of Folsom's ed oversight agency(ies) (i.e., Caltrans,	urisdictional boundaries must be coo El Dorado and/or Sacramento Count	ordinated by the project a ies).	applicant(s) of each applicable
Implementation:	Project	t applicant(s) of all project phases and c	n- and off-site elements.		
Timing:	Before ir	approval of grading or improvement p including off-site elements.	ans or any ground disturbing activiti	es, including grubbing c	r clearing, for any project phase,
Enforcement:	1. U	J.S. Fish and Wildlife Service, California	a Department of Fish and Game.		
	2. F D	for all project-related improvements that Department.	t would be located within the City of	Folsom: City of Folsom	Community Development
	3. F	or the two roadway connections in El E	orado Hills: El Dorado County Devo	elopment Services Depar	rtment.
	4. F	or the detention basin west of Prairie C	ity Road: Sacramento County Planni	ng and Community Dev	elopment Department.
	5. F	or the U.S. 50 interchange improvement	ts: Caltrans.		
Significance after	• Mitigatio	n: less than significant			
(No Action/No Projec (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Develop	PP (Proposed Project nent) PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial)	NI (No impa	act) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Tal Summary of Impacts	ble 1-1 and Mitigation M	easures	
	Impact	Land/Water/GI	PA	Significance
	Mitigation			
<b>3A.3-4: Loss of Sensitive Natur</b> <b>Other Impacts).</b> Project implem valley needlegrass grassland that project development. These are r local resource agencies and requ	ral Communities (Not Already Covered under nentation would result in loss of riparian habitat may be present on the SPA and could be remo natural communities considered sensitive by sta ire consideration under CEQA.	er Land , and ved by te and	NP: LTS NCP, PP, RIM, CD, RI (Valley Needlegrass: Di	<b>HD:</b> Direct & indirect significant rect potentially significant)
NP: No mitigation measures req	uired.			
NCP, PP, RIM, CD, RHD: Imp	lement Mitigation Measures 3A.3-1a and 1b.			
to prepare a riparian habitat MM channel of Alder Creek and othe establishment or restoration of ri preservation and enhancement of habitat to be removed and shall b section of the habitat MMP shall	P. The draft MMP shall describe specific methor r drainage channels within DFG jurisdiction, ar parian habitat within the project's open space a f existing riparian habitat either on or off the SF be at ratios adequate to offset the loss of riparian include the following:	od(s) to be implement ad the bed and banks reas along preserved PA. The compensation in habitat functions as	of the on-site ponds. Mitig stream corridors, riparian n habitat shall be similar in d services at the SPA. The	nsate for impacts on the stream gation measures may include habitat restoration off-site, or n composition and structure to the e riparian habitat compensation
<ul> <li>compensatory mitigation sit</li> </ul>	es and criteria for selecting these mitigation site	es;		
► complete assessment of the	existing biological resources in both the on-site	and off-site preserve	ation and restoration areas;	
<ul> <li>site-specific management pr alder, and Fremont cottonwo</li> </ul>	ocedures to benefit establishment and maintena bod;	nce of native riparia	n plant species, including l	black willow, arroyo willow, white
<ul> <li>a planting and irrigation pro irrigation may not be necess planting);</li> </ul>	gram if needed for establishment of native ripar ary if preservation of functioning riparian habit	rian trees and shrubs at is chosen as mitig	at strategic locations with ation or if restoration can b	in each mitigation site (planting and be accomplished without irrigation of
► in kind reference habitats fo	r comparison with compensatory riparian habita	ats (using performan	ce and success criteria) to	document success;
<ul> <li>monitoring protocol, includi years);</li> </ul>	ng schedule and annual report requirements (co	ompensatory riparian	habitats shall be monitore	d for a minimum period of five
<ul> <li>ecological performance stan amount of dead woody vege of planted riparian trees and continued until 80% survivo</li> </ul>	dards, based on the best available science and it tation gaps and bare ground, and survivorship; shrubs by the end of the five-year maintenance rship is achieved;	ncluding specification at a minimum, comp and monitoring per	ons for native riparian plant pensatory mitigation plantin od or dead and dying trees	t densities, species composition, ng sites must achieve 80% survival shall be replaced and monitoring
(No Action/No Project) (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pr PA (Preferred Off	oject) -site Water Facility Alternative	RIM (Resource Impact Minimizatior
Beneficial) NI (No impact)	LTS (Less than significant) PS	(Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECON Introdu	Table 1-1           Summary of Impacts and Mitigation Measures						
۸ ction				Impact	Land/Water/GPA	Significance	
				Mitigation			
		► corrective mea	sures	if performance standards are not met;			
		<ul> <li>responsible par</li> </ul>	ties fo	or monitoring and preparing reports; and			
		<ul> <li>responsible par</li> </ul>	ties fo	or receiving and reviewing reports and for	verifying success or prescribing implementation	or corrective actions.	
		Any conditions of i bank and riparian h The agreement shal project phase that c associated freshwat	ssuan abitat l be e ould p er ma	ce of the Streambed Alteration Agreement associated with Alder Creek and other dra xecuted by the project applicant(s) and DF potentially affect the bed and bank of Alde rsh and riparian habitat.	shall be implemented as part of project construc- inage channels and ponds that are within the pro G before the approval of any grading or improv r Creek and other on-site or off-site drainage cha	ction activities that adversely affect the bed and oject area that is subject to DFG jurisdiction. ement plans or any construction activities in any annels under DFG jurisdiction and their	
		Mitigation for the U	J.S. 50	0 interchange improvements must be coord	linated by the project applicant(s) of each applic	able project phase with the Caltrans.	
		Implementation:	Pro	ject applicant(s) of all project phases and t	he off-site Prairie City Road and Oak Avenue in	iterchange improvements.	
		Timing:	Bef	Fore the approval of grading or improveme bank or riparian and freshwater marsh ha	nt plans or any construction activities (including abitat associated with Alder Creek and other on-	clearing and grubbing) that affect the bed and site or off-site drainage channels and ponds.	
		Enforcement:	1.	California Department of Fish and Game	2,		
÷			2.	City of Folsom Community Development	nt Department.		
6			3.	Caltrans for interchange improvements t	o U.S. 50.		
Folsom Sout		Mitigation Measure Compensatory Mineedlegrass grassla are floristic in nature not found on the SH needlegrass grassla	re 3A. tigation nd is pre, i.e. PA, though the nd wa	<b>.3-4b: Conduct Surveys to Identify and I</b> <b>on.</b> The project applicant(s) of all project p present on the SPA. This could be done co require that all species encountered be ide e botanist shall document the findings in a s not found in any of the off-site project el	Map Valley Needlegrass Grassland; Impleme ohases shall retain a qualified botanist to conduc neurrently with any special-status plant surveys entified, and require preparation of a plant comm letter report to the City of Folsom, and no furthe ements.	nt Avoidance and Minimization Measures or t preconstruction surveys to determine if valley conducted on site as special-status plant surveys nunity map. If valley needlegrass grassland is er mitigation shall be required. Valley	
h of U.S. Highway 50 Specif City of Fo		If valley needlegrass grassland is found on the SPA, the location and extent of the community shall be mapped and the acreage of this community type, if any, that would be removed by project implementation shall be calculated. The project applicant(s) for all project phases any particular discretionary development application affecting valley needlegrass grassland shall consult with DFG and the City of Folsom to determine appropriate mitigation for removal of valley needlegrass grassland resulting from project implementation. Mitigation measures may shall include one or more of the following components sufficient to achiev no net loss of valley needlegrass grassland acreage: establishment of valley needlegrass grassland, establishment of valley needlegrass grassland off-site, or preservation and enhancement of existing valley needlegrass grassland either on or off the SPA. The applicant(s) shall compensate for any loss of valley needlegrass grassland resulting from project implementation. Project applicant(s) of all project phases for any particular discretionary development application affecting valley needlegrassland.					
fic P olso		Timing:	Bef	fore approval of grading or improvement p	lans or any ground-disturbing activities, including	ng grubbing or clearing, for any project phase.	
han FEIR/FEIS m and USACE	NP CD	(No Action/No Project) (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Develop	PP (Proposed Project) ment) PA (Preferred Off-site Water Facili	RIM (Resource Impact Minimization) ty Alternative)	

NP (No Action/No F	Project)	NCP (No USACE Permit)	PP (Proposed Project	)	RIM (Resource Impact Minimization)
CD (Centralized De	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures					
		Impact	Land/Water/G	PA	Significance
		Mitigation			
Enforcement:	1. Cal	ifornia Department of Fish and Game,			
	2. Cit	y of Folsom Community Development Depart	ment.		
Significance afte	r Mitigation:	less than significant			
<b>3A.3-5: Loss of I</b> implementation w thousands of indiv Municipal Code a	Blue Oak We yould result in yidual oak tro nd the Sacra	<b>bodland and Individual Oak Trees.</b> Project In the removal of 444 acres of blue oak woodla bes meeting the criteria for protection under For mento County Tree Ordinance.	Land and and blsom	ON-SITE NP: LTS PP, RHD: direct & india RIM, CD, NF: direct & OFF-SITE NCP, PP, RIM, CD, RI	ect significant indirect significant <b>ID:</b> Direct & indirect significant
ON-SIT	E				
NP: No mitigatio	n measures r	equired.			
adhere to the requ <u>Pursuant to Sacra</u> <u>the oak tree canop</u> <u>Oak trees located</u> <u>the blue oak wood</u> <u>Preserve app</u> <u>aerial photog</u> within impeo	irements des mento Count oy area withi in areas grea fland commu- roximately 3 <sup>o</sup> raph interpre- t areas could	cribed below, which are consistent with those y General Plan policy, the acreage of oak wood n stands of oak trees having greater than 10% ter than 30 feet from stands meeting the great unity. Mitigation for impacts on isolated oak tr 99 acres of existing oak woodland habitat in the tation; however, following completion of grou	outlined in California I odland habitat for determ cover plus a 30-foot-rac er than 10% tree canopy ees is discussed separat the SPA (this acreage is ind verification by a qua- palculated from parial pl	Public Resources Code 2100 nining impacts and mitigati lius buffer measured from to cover criterion were consi ely below. based on the extent of oak we alified arborist, the actual a	33.4. on requirements was calculated as he outer edge of the tree canopy. dered isolated trees and not part of voodland habitat as determined fror mount of oak woodland present
slightly great	er or lesser th	an 399 acres).		lotograph and, increment, in	e amount preserved could also be
► <u>Create 243 a</u>	cres of oak w	oodland habitat in the SPA by planting a com	bination of blue oak acc	orns, seedlings, and trees in	the following SPA locations:
<ul> <li>Non-wood</li> <li>Preserve</li> <li>Open sp.</li> <li>Other pr</li> <li>Oak Woodla</li> <li>The following</li> </ul>	oded areas th and passive ace areas tha actical locati actical locati	at are adjacent to or contiguous with the existing open space zones throughout the SPA. are adjacent to existing oak woodlands that woons within the SPA in or adjacent to open space ion Planting Criteria and mitigation planting criteria shall be used to	ing oak woodland habita vill be impacted by proj ce.	at. ect grading (i.e. catch slope	<u>-</u>
<u>A minim</u>	um of 55 pla	nting sites per acre (with a total of 70 units of	s defined below) will m	itigate for one core of cally	roadland impacts A combination of
• A minim		nung snes per acre (with a total of 70 thits, as	s defined below) will m	lugate for one acre of oak v	voouianu impacts. A combination o
(No Action/No Project (Centralized Develop	et) oment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pr PA (Preferred Of	oject) f-site Water Facility Alternative	RIM (Resource Impact Minimization
Beneficial)	NI (No impact	) LTS (Less than significant)	PS (Potentially significant	) S (Significant)	SU (Significant and unavoidable)

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	Table 1-1           Summary of Impacts and Mitigation Measures				
		Impact	Land/Water/GPA	Significance	
		Mitigation			
	acorns, seedlings, and v planting design. Mitigat are defined as follows:	arious sizes of container trees (#1 containing trees in the solution of the so	ner, #5 container, #15 container) or tr rger oak trees (no acorns) shall have a	ransplanted trees shall be incorporated into the a minimum of 35 planting sites per acre. The units	
	<ul> <li>One established act</li> <li>One oak seedling e</li> <li>One #1 container o</li> <li>One #5 container o</li> <li>One #15 container</li> <li>One 24-inch boxed</li> <li>One transplanted o</li> <li>Native non oak spe</li> <li>oak tree species shaded</li> </ul>	orn equals one unit (acorns will be over quals one unit. ak tree equals two units. ak tree equals three units. oak tree equals four units. oak tree equals four units. ak tree equals four units per trunk diame cies characteristic of oak woodlands sha all represent unit values described above	planted to maximize potential germina ter inch (dbh). Il be included in the mitigation plantin for oak trees, but non oak species sha	ation). Ing plan to augment overall habitat values. Each non all comprise no more than 10% of the mitigation	
<b>F</b>	<u>plantings.</u> <u>Preserve and protect existing</u> <u>secured and placed under co</u> <u>habitat in perpetuity.</u>	g off-site oak woodland habitat. Existing nservation easement in lieu of onsite mi	, unprotected oak woodland habitat w tigation measures if necessary. The of	vithin Sacramento and El Dorado Counties may be ff-site locations would be managed as oak woodland	
×	Create oak woodlands off si acres of new blue oak wood creation shall follow the san Sacramento County that sho removed through human act development. Planted areas	te. Plant a combination of blue oak acorn land habitat. This measure would only b ne guidelines as outlined in the Mitigatic uld naturally support blue oak woodland ivities. Restoration shall be designed to shall be placed under conservation easer	ns, seedlings, and trees at off-site loca e needed if 243 acres of blue oak woo n Planting Criteria for on-site creation and shall be used to restore former b result in species composition and dens nent and managed as oak woodland h	ation(s), if needed to achieve the creation goal of 243 odland could not be created in the SPA. Off-site n. Off-site tree planting shall occur at sites within olue oak woodland habitat that has been degraded or sities similar to those in the SPA prior to project nabitat in perpetuity.	
►	The oak woodland mitigatio program shall include monit minimum of eight years from that die during the monitorin trees by the end of the eight- survivorship is achieved. Se Planning Department. The s meet the success criteria.	n plan prepared by the project applicant oring and reporting requirements, sched n the date of planting and irrigation shal ag period shall be replaced. The mitigation year maintenance and monitoring period curity acceptable to the City and sufficient ecurity will be forfeited if the project ap	(s) shall include a maintenance and mule, and success criteria. Replacement I be provided to planted trees for the form planting site must in sufficient num 1. or dDead and dying trees shall be re- ent to cover maintenance and monitoric plicant or designated responsible part	nonitoring program for any replacement trees. The at oak trees shall be maintained and monitored for a first five years after planting. Any replacement trees mbers to achieve 80% survival rate for of planted eplaced and monitoring continued until 80% ing costs for eight years shall be provided to the City y fails to provide maintenance and monitoring and	
Iso The Ave	Isolated Oak Tree Mitigation         The project applicant(s) of all on-site project phases containing oak woodland habitat or individual isolated trees and the off-site Prairie City Road and Oak         Avenue interchange improvements to U.S. 50; Rowberry Drive Overcrossing; and the underground sewer force main shall develop a map depicting the tree canopy				
NP (No A CD (Cen	Action/No Project) tralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water	RIM (Resource Impact Minimization) r Facility Alternative)	
B (Benef	icial) NI (No impact)	LTS (Less than significant)	PS (Potentially significant) S (	(Significant) SU (Significant and unavoidable)	

	Summary of Impa	Table 1-1 cts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
<ul> <li>of all oak <u>woodlands trees</u> in the s survey containing this information for removal of <u>isolated</u> oak trees ( a condition of the tree removal pe requires compensatory mitigation Code requires compensatory mitig Area Specific Plan (attached to th development and to provide comp Specific Plan, the following element Project applicant(s) of project of tree species, size (dbh), co of individual trees shall be as</li> <li>5 = Excellent; No proble</li> <li>4 = Good; No apparent p tended at this stage, future arborist report are compl</li> <li>2 = Poor; Major problem to: pruning, cabling, brac correctly, hazard can be</li> <li>1 = Hazardous or non co structural and/or health p The tree may also be infor pests(s) to other trees.</li> </ul>	urvey area and identifying the acreage of the has already been performed and document those not located within the delineated bot rmit, project applicant(s) shall be required and the City and the project applicants have the city and the project applicant of the follow is EIR/EIS as Appendix N) specifically to ensatory mitigation for removal of protect ents shall be included in a protected tree mass containing isolated oak trees shall retain addition, and location for all areas of the prosessed according to the American Society ms – tree has no structural problems, brane roblems – tree is in good condition and no e hazard can be reduced and more serious as – There are some minor structural or head eted correctly the defect(s) can be minimized to a the tree is in poor condition, but the conding, bolting, guying, spraying, mistletoe reduced and the rating can be elevated to a tree table condition – the tree is in extreme roblems that no amount of tree care work ested with a disease or pest(s) that is non-centered to a care table condition and the tables of the tables of the condition of the care work ested with a disease or pest(s) that is non-centered to a care table condition of the conditio	ree canopy that would be preserved an atted for the construction area, a new tra- indary of oak woodland habitat) shall be to develop a Planting and Maintenance we developed a tree mitigation and press- ing elements for removal of protected to avoid and minimize adverse effects on ed trees in the SPA. In addition to the le itigation plan to be developed by the p- a certified arborist or registered profes- bject site proposed for tree removal and of Consulting Arborists rating system we ches are properly spaced and tree charad- apparent problems from visual inspect- health problems that pose no immediate da- ted or eliminated. Ith problems that pose no immediate da- ted or eliminated. andition could be improved with correc- emoval, vertical mulching, and fertiliza- 3. If no action is taken the tree is cons- ly poor condition and in non-reversible or effort can change. The issues may of ontrollable at this time and is causing a	d the acreage that would be removed. If a tree ee survey shall not be necessary. A tree permit be obtained from the City Planning Director. A e Agreement. The City's Tree Preservation Co- cervation plan. The City's Tree Preservation trees, as set forth Section 10 of the Folsom Plan individual isolated oak trees from project language contained in the Folsom Plan Area roject applicants and agreed upon by the City: assional forester to perform a determinate surve d encroachment of development. The condition with the following added explanations: acteristics are nearly perfect for the species. tion. If potential structural or health problems anger. When the recommended actions in an t arboricultural work including, but not limited ation. If the recommended actions are complete idered a liability and should be removed. e decline. This rating is assigned to a tree that I r may not be considered a dangerous situation an unacceptable risk of spreading the disease of
Isolated Oak Tree Mitigation Pl	anting Criteria		
<ul> <li><u>The determination for whether</u> be based on the condition and <u>• Trees rated 0 or 1 may be</u></li> <li><u>Trees rated 2 may be rep</u></li> </ul>	er an <del>individual</del> isolated tree shall be prese size of the tree as follows: removed with no mitigation. soved at 50% of the normal Folsom Munic	rved, removed without compensation, or ipal Code mitigation.	or removed with compensatory mitigation sha

	Table 1-1           Summary of Impacts and Mitigation Measures				
Ī		Impact	Land/Water/GPA	Significance	
Ī		Mitigation			
	<ul> <li>Native isolated oaks measuring 24 inches or greater dbh for a single trunk or 40 inches or more for a multi-trunked tree and rated a 4 or 3 to5 shall be retained. Trees of this size but having a rating of 2 or 3 shall not be removed or mitigated, unless retaining wall(s) higher than 4 feet tall (from bottom of footing to the top of the wall) would be required to protect the tree(s) from mass grading of the SPA properties.</li> <li>Native oaks measuring between 12 and 24 inches dbh and rated a 4 or 5 shall not be removed or mitigated unless wall(s) would need to be built that are higher than 4 feet tall (from bottom of footing to the top of the wall) would be required to protect the tree(s) from mass grading of the SPA properties.</li> <li>Trees in this size class but rated 2 or 3 shall not be removed unless unreasonable costs to save the tree(s) (greater than the pormal Folsom Municipal Code).</li> </ul>				
		<ul> <li>mitigation cost of implementing the isolated oal</li> <li>Native oaks measuring 5 inches or greater dbh b</li> </ul>	tree mitigation planting criteria described here) would result ut less than 12 inches dbh shall not be removed unless unreas	<u>t.</u> sonable costs to save the tree(s) (greater than	
		the normal Folsom Municipal Code mitigation of	ost of implementing the isolated oak tree mitigation planting	criteria described here) would result.	
		tree that is to be considered for preservation cree Credits shall only be accepted if the tree protect manner that 5 inches dbh and greater trees are p Master Tree List. STPC shall not count if they t preserved. The City shall accept the preservation STPC criteria:	lit shall be evaluated, included in the arborist report, and shall on zone (TPZ) (i.e., the outer edge of the tree canopy drip lir rotected on a construction site, and the spacing is equal to the the tree is in a poor growing space due to its position within the of native oak trees in this size class as credit towards the tot	Il have been found to be rated a 3, 4, or a 5. ne) is protected with fencing in the exact e proper tree spacing dictated by the Folsom ne TPZ of another protected tree to be tal removed inches based on the following	
		Caliner of Tree Preserved	Mitigation Tree Credit Equivalent		
		1 inch or greater, but less than 2 inch	S One #15 container tree or two #5 container t	rees	
		2 inches or greater, but less than 3 inc	hes Two #15 container trees		
		3 inches or greater, but less than 4 inc	hes Three #15 container trees		
		4 inches or greater, but less than 5 inc	hes Four #15 container trees		
	•	Folsom Municipal Code requires one of the followir	g be planted as compensation for each diameter inch of prote	ected tree removed:	
		<ul> <li>half of a 24-inch box tree;</li> <li>one #15 container tree;</li> <li>two #5 container trees; or</li> <li>\$150 in-lieu payment or other fee set by City Co</li> </ul>	uncil Resolution		
		The Direction and Maintenance Assessment aballing	de alentine alen alentine en limitation design dataile and	1	
	•	The Planting and Maintenance Agreement shall include period. The plan shall include a 5-year establishmen needed with proposed work plan, and notice of comp sufficient to cover maintenance and monitoring costs project applicant or designated responsible party fail	period for trees and 8 years for planted acorns with an annual period for trees and 8 years for planted acorns with an annual pliance within 90-days of annual monitoring report. Security for eight years shall be provided to the City Planning Departs to fulfill the Planting and Maintenance Agreement.	al monitoring schedule for the establishment al monitoring report that includes corrections in an form acceptable to the City and tment. The security will be forfeited if the	
NP CD	(No Ao (Centr	Action/No Project) NCP (No USACE Pe tralized Development) RHD (Reduced Hillsi	rmit) PP (Proposed Project) de Development) PA (Preferred Off-site Water Facility /	RIM (Resource Impact Minimization) Alternative)	

		Summary of Im	Table 1-1 pacts and Mitigation Measu	ires	
		Impact	Land/Water/GPA		Significance
		Mitigation			
	<ul> <li>payment of in lieu mitigenergy purchase, planting, and</li> </ul>	gation fees on an inch for diameter inch maintenance of replacement trees and m	basis, as determined by the City nitigation sites;	Council based on the	Free Preservation Code, for
	land dedication for tree     the dedicated land is co	planting at a ratio of 0.004 acre of land ntiguous with an existing or planned ope	for every 1 inch of tree dbh rem en space area; or	oved with a minimum d	edication of 5 acres of land unless
	<ul> <li>tree planting at ratios based on the second s</li></ul>	used on the dbh of trees removed as spec ment ratios require that eight 15-gallon r ative oak trees be planted for every prote	vified in the City's Tree Preserva native oak trees be planted for ev exted tree removed measuring 10	tion Code (City of Fols very protected tree remo to 15 inches dbh);	om 2009). (For example, the City' wed measuring 6 to 10 inches dbh
	<ul> <li>preservation of existing</li> </ul>	g, sustainable oak stands comparable in o	dbh sizes and species composition	on to the protected trees	-removed.
•	To avoid and minimize india visibility fencing outside the groups or stands of trees or materials storage, parking, p listed cannot be avoided wit the tree in question shall be implementation.	rect impacts on protected trees to remain e outer edge of the drip lines of all trees to whole wooded areas bust must be install paving, irrigation, and landscaping shall hin the drip line of a particular tree, that monitored for a period of five years and	to on the SPA, the project applicate to be retained on the SPA during ed so that the drip lines of all tree be prohibited within the fenced tree shall be counted as an affect replaced only if the tree appears	nt(s) of all affected pro- g project construction. These are protected. Gradinates (i.e. drip lines of pareas (i.e. drip lines of pareat compensates to be dead or dying with the base of the direct o	ject phases shall install high The fencing may be installed around ng, trenching, equipment or protected trees). If the activities ory mitigation shall be provided, or thin five years of project
►	The project applicant(s) of p plan to compensate for the l compensate for the loss of in blue oak woodland habitat t Planning Department, City of (California Oaks Foundation options, as required by Calif	project phases affecting oak woodland has oss of blue oak woodland habitat on the adividual trees protected under City Mun hat would be lost on the SPA. The oak w of Folsom, and DFG. The plan shall be c a Undated PDF), which is based on a ten fornia Public Resources Code 21083.4:	abitat shall retain a qualified rest SPA. The plan shall incorporate nicipal Code, as discussed above coodland mitigation plan shall b consistent with the California Oa nplate developed by Tuolumne (	oration ecologist to dev tree mitigation and pre , and to replace the acr developed in consulta ks Foundation Oak Wo County, and shall inclue	relop an oak woodland mitigation servation measures satisfactory to eage and function and values of the tion with the Sacramento County odland Mitigation Program le one or more of the following
	<ul> <li>Conservation easement condition, and landscap conservation easement compensate for the loss</li> </ul>	and land dedication — protect existing bl e context to the blue oak woodland to be or fee title dedication to a conservation g of acreage and habitat function and valu	lue oak woodland habitat having removed. Oak woodland prese group approved by DFG and Sac ne at the SPA.	similar tree sizes and c vation shall be at an of ramento County and sh	lensities, species composition, site f site location protected through a hall be at a ratio satisfactory to
	<ul> <li>In lieu fee contribution</li> <li>County, at a rate of 1 x</li> </ul>	n to the California Wildlife Conservatio acreage of affected oak woodland x curr	n Board's Oak Woodlands Con ent land value at time of impact	ervation Fund, or other	mitigation fund established by the
	<ul> <li>Planting replacement tr may be used to mitigate</li> </ul>	ees — tree planting and maintenance at an oup to 50% of the blue oak woodland im	n off-site location to be preserve apact.	d through conservation	easement or fee title dedication
•		the project applicant(s) shall occur at a s te oak woodland habitat that has been de	ite within Sacramento County t egraded or removed through hur	nat should naturally sup man activities. Restorati	port blue oak woodland and shall on shall be designed to result in
(No (Cer	Action/No Project) ntralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimization
Bene	ficial) NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 Summary of Impacts and Mitigation Measures						
۸ tion		Impact	Land/Water/GPA	Significance		
		Mitigation				
	species compo	sition and densities similar to those on the SP/	A prior to project development.			
	► The oak wood program shall minimum of so that die during maintenance a sufficient to co if the project a The project applice	land mitigation plan prepared by the project ap include monitoring and reporting requirements even years from the date of planting and irrigat the monitoring period shall be replaced. The r nd monitoring period or dead and dying trees s over maintenance and monitoring costs for seven pplicant or designated responsible party fails to mts' currently proposed mitigation for impacts	plicant(s) shall include a maintenance and monito , schedule, and success criteria. Replacement oak ion shall be provided to planted trees for the first nitigation planting site must achieve 80% surviva hall be replaced and monitoring continued until 8 en years shall be provided to the County Planning o provide maintenance and monitoring and meet 1 on oak trees within the backbone infrastructure c	oring program for any replacement trees. The trees shall be maintained and monitored for a five years after planting. Any replacement trees I of planted trees by the end of the seven year 30% survivorship is achieved. A security bond Department. The security bond will be forfeited the success criteria. omponents of the SPA and the Oak Avenue/U.S.		
	50 Interchange is to space areas of the space areas	<del>preserve oak tree canopy area at a ratio of 1.5 SPA).</del>	to 1 (acres of tree canopy preserved to acres of t	ree canopy preserved within the proposed open		
<u>→</u>	Through a combina areas, the project a impacts on oak wo the City of Folsom	blue oak woodland habitat in the open space om Municipal Code while also mitigating the tment (for County off-site impacts only) and/or				
62	Mitigation for the	U.S. 50 interchange improvements must be coo	ordinated by the project applicant(s) of each appli-	cable project phase with Caltrans.		
	Implementation:	Project applicant(s) of all project phases an	d off-site elements affecting blue oak woodland a	and protected trees.		
Fols	Timing:	Before approval of grading or improvement containing protected trees or oak woodland	t plans or any ground disturbing activities, includ	ing grubbing or clearing, for any project phase		
som	Enforcement:	1. California Department of Fish and Gar	<del>ne,</del>			
So		2. City of Folsom Community Developm	ent Department.			
th		3.—Caltrans for interchange improvement	s to U.S. 50.			
ofU	RIM, CD, NF: Im	plement Mitigation Measure 3.33A.3-5.				
.s T	OFF-SIT	E				
ligh	Mitigation Measu	<b>Aitigation Measure:</b> Implement Mitigation Measure 3A.3-5.				
nay	Significance after	Mitigation: significant and unavoidable				
50 Specific Plan F City of Folsom an						

PP (Proposed Project) PA (Preferred Off-site Water Facility Alternative)

S (Significant)

PS (Potentially significant)

SU (Significant and unavoidable)

RIM (Resource Impact Minimization)

2 뉴	impuor	Earla Water of I
h of L	Mitigation	
	<b>3A.3-6: Potential Interference with Wildlife Movement.</b> Project implementation could interfere with the movement of native resident or migratory wildlife species or with established native resident or migratory wildlife corridors.	Land
אססייניס חוסי בבוח/בבוט	ON-SITE NP: No mitigation measures required. NCP, PP, RIM, CD, RHD: No mitigation measures are required. OFF-SITE No mitigation measures are required. Significance after Mitigation: less than significant	
	<b>3A.3-7: Conflict with an Adopted Habitat Conservation Plan.</b> Project implementation would not result in conflicts with the goals of an adopted Habitat Conservation Plan.	Land
	NP, NCP, PP, RIM, CD, RHD: No mitigation measures required. Significance after Mitigation: less than significant	
	3B.3 BIOLOGICAL RESOURCES- WATER	
	<b>3B.3-1</b> Loss and Degradation of Waters of the U.S., including Wetlands, and Waters of the State. Construction of the Off-site Water Facility Alternatives has the potential to result in substantial adverse effects to Federally and state-protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limite to vernal pools and seasonal wetlands) through direct fill or excavation, hydrologica interruption, or other indirect impacts. Wetlands, waters of the state, and other water of the U.S. that would be affected by implementation of the Off-site Water Facility Alternatives include seeps, vernal pools, seasonal wetlands and seasonal wetland swales, drainage channels, ditches, and ponds.	Water e ed 1 's
	NCP: Implement Mitigation Measure 3B.3-1b and 3A.3-1a.	
	PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.3-1a: Secure Clean Ensure No Net Loss of Functions of Wetlands, Other Waters of the U.S., and W before any groundbreaking activity associated with the Off-site Water Facilities requ	Water Act Sect aters of the Stat airing fill of wetla
NF CE	P (No Action/No Project) NCP (No USACE Permit) D (Centralized Development) RHD (Reduced Hillside Development)	PP (Proposed Proj PA (Preferred Off-
B (	Beneficial) NI (No impact) LTS (Less than significant) PS (Pote	entially significant)

	Table 1 Summary of Impacts and	-1 Mitigation Mea	asures
	Impact	Land/Water/GP/	A Significance
	Mitigation		
<b>.3-6: Potential Interference with</b> Ild interfere with the movement of h established native resident or m	<b>Wildlife Movement.</b> Project implementation f native resident or migratory wildlife species or igratory wildlife corridors.	Land	ON-SITE NP: no direct or indirect, LTS NCP, PP, RIM, CD, RHD: no direct or indirect, LTS OFF-SITE NCP, PP, RIM, CD, RHD: Direct & LTS, no indirect significant
ON-SITE No mitigation measures required P, PP, RIM, CD, RHD: No mitig OFF-SITE mitigation measures are required. <i>nificance after Mitigation: less th</i>	d. gation measures are required. <b>han significant</b>		
<b>.3-7: Conflict with an Adopted I</b> blementation would not result in c nservation Plan.	Habitat Conservation Plan. Projectonflicts with the goals of an adopted Habitat	Land	NP, NCP, PP, RIM, CD, RHD: no direct or indirect
, NCP, PP, RIM, CD, RHD: No nificance after Mitigation: less th	mitigation measures required. <i>han significant</i>		
.3 BIOLOGICAL RESOURCE	S- WATER		
<b>3-1 Loss and Degradation of W</b> <b>atters of the State.</b> Construction of ential to result in substantial advect tlands as defined by Section 404 of vernal pools and seasonal wetland erruption, or other indirect impacts the U.S. that would be affected by ernatives include seeps, vernal po ales, drainage channels, ditches, an	Vaters of the U.S., including Wetlands, and f the Off-site Water Facility Alternatives has the rse effects to Federally and state-protected of the Clean Water Act (including, but not limited s) through direct fill or excavation, hydrological s. Wetlands, waters of the state, and other waters implementation of the Off-site Water Facility ols, seasonal wetlands and seasonal wetland nd ponds.	Water	NCP: no direct & indirect PS PA: PS (Construction Effects w/in Zone 4), direct & indirect LTS (Operational Effects w/in Zones 1, 2, 3, & 4) 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct & indirect PS
<b>CP:</b> Implement Mitigation Measur , 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A sure No Net Loss of Functions o ore any groundbreaking activity a	e 3B.3-1b and 3A.3-1a. <b>Mitigation Measure 3B.3-1a: Secure Clean</b> <b>f Wetlands, Other Waters of the U.S., and Wa</b> ssociated with the Off-site Water Facilities requi	Water Act Secti aters of the Stat ring fill of wetla	<b>ion 404 Permit and Implement All Permit Conditions;</b> <b>te.</b> Before the approval of grading and improvement plans and ands or other waters of the U.S. or waters of the state, the City
Action/No Project) tralized Development)	NCP (No USACE Permit) F RHD (Reduced Hillside Development) F	P (Proposed Proj A (Preferred Off-s	ect) RIM (Resource Impact Minimization) site Water Facility Alternative)

S (Significant)

SU (Significant and unavoidable)

Summary	Table 1-1of Impacts and Mitigation Measures	
Impact	Land/Water/GPA	Significance
Mitigation		
shall obtain all necessary permits under Sections 401 and 404 of th each respective Off-site Water Facility component, all permits, reg implementation of any grading activities within 250 feet of waters listed species. The City shall commit to replace, restore, or enhance acreage of all wetlands and other waters of the U.S. that would be habitat shall be restored, enhanced, and/or replaced at an acreage a appropriate, depending on agency jurisdiction, and as determined of	the CWA or the state's Porter-Cologne Water gulatory approvals, and permit conditions for of the U.S. or wetland habitats, including w e on a "no net loss" basis (in accordance with removed, lost, and/or degraded with implem and location and by methods agreeable to US during the Section 401 and Section 404 perm	r Quality Control Act for the respective phase. For r effects on wetland habitats shall be secured before vaters of the state, that potentially support Federally th USACE and the Central Valley RWQCB) the nentation of project plans for that phase. Wetland SACE, the Central Valley RWQCB, and the City, as nitting processes.
As part of the Section 404 permitting process, a draft wetland mitig Alternative on behalf of the City. Before any ground-disturbing act associated with each phase of development, the City shall submit t those portions of the plan over which they have jurisdiction. The M is approved and implemented, mitigation monitoring shall continue recontouring and grading), or until the performance standards iden	gation and monitoring plan (MMP) shall be tivities that would adversely affect wetlands he draft wetland MMP to USACE and the C MP would have to be approved prior to iss e for a minimum of 5 years from completion tified in the approved MMP have been met,	developed for the selected Off-site Water Facility s and before engaging in mitigation activities Central Valley RWQCB for review and approval of suance of a Section 404 permit. Once the final MMH n of mitigation, or human intervention (including , whichever is longer.
As part of the MMP, the City shall prepare and submit plans for th services that would be lost, account for the temporal loss of habitat previously altered and degraded wetlands shall be a priority of the achieve functional success in restored wetlands than in those create be lost through project implementation will be replaced.	e creation of aquatic habitat in order to adec t, and contain an adequate margin of safety to MMP for offsetting losses of aquatic function ed from uplands. The MMP must demonstration	quately offset and replace the aquatic functions and to reflect anticipated success. Restoration of ons on the project site because it is typically easier ate how the aquatic functions and values that would
The habitat MMP for jurisdictional wetland features shall be consist Losses of Aquatic Resources (33 CFR Parts 325 and 332 and 40 C other types of mitigation because a lot of the risk and uncertainty r established and demonstrating functionality before credits can be s being established. Mitigation banks also tend to be on larger, more and implementation procedures than typical permittee-responsible mitigation for all aquatic resource impacts on site. Therefore, a cor likely be necessary to achieve the no-net-loss standard.	stent with USACE's and EPA's April 10, 20 FR Part 230). According to the Final Rule, a egarding mitigation success is alleviated by old. This also alleviates temporal losses of v e ecologically valuable parcels and are subje mitigation sites (USACE and EPA 2008). It mbination of on-site and off-site permittee-re-	008 Final Rule for Compensatory Mitigation for mitigation banks should be given preference over the fact that mitigation bank wetlands must be wetland function while compensatory wetlands are exted to more rigorous scientific study and planning t is not likely feasible to provide compensatory responsible mitigation and mitigation banking woul
Compensatory mitigation for losses of stream and intermittent drai specified in the Final Rule guidelines. The wetland MMP shall add to be implemented to avoid and/or mitigate any Off-site Water Fac contents identified in Mitigation Measure 3A.3-1A.	nage channels shall be achieved through in- lress how to mitigate impacts on all aquatic sility-related impacts. The wetland compense	-kind preservation, restoration, or enhancement, as resource types and shall describe specific method(s ation section of the habitat MMP shall include all th
USACE has determined that the Off-site Water Facilities may requisite Water Facilities is expected to detail proposed wetland restorate functions in the project vicinity. Approval and implementation of the term of term	tire an individual permit. In its final stage ar tion, enhancement, and/or replacement activ the wetland MMP shall aim to fully mitigate	nd once approved by USACE, the MMP for the Off vities that would ensure no net loss of aquatic e all unavoidable impacts on jurisdictional waters of
(No Action/No Project)       NCP (No USACE Permit)         (Centralized Development)       RHD (Reduced Hillside Development)	PP (Proposed Project) pment) PA (Preferred Off-site Water	RIM (Resource Impact Minimizati
Beneficial) NI (No impact) LTS (Less than significant)	PS (Potentially significant) S	(Significant) SU (Significant and unavoidable)

		Summary of Im	Table 1-1 pacts and Mitigation Measu	ires	
		Impact	Land/Water/GPA		Significance
		Mitigation			
the U.S., including wetlands beyond th before grading plan	jurisdictional w ie jurisdiction o is are approved.	retlands. To satisfy the requirements of USACE shall be included in the sam. The MMP shall be submitted to USA	f the City and the Central Valley e MMP. All mitigation requirem CE and approved prior to the iss	RWQCB, mitigation tents determined throug suance of any permits u	of impacts on the non-jurisdictional gh this process shall be implemented inder Section 404 of the CWA.
Water quality certificontaining wetland quality certification	fication pursuar features, the Ca shall be imple	t to Section 401 of the CWA will be r ity shall obtain water quality certificat mented.	equired before issuance of the S ion for the Off-site Water Facilit	ection 404 permit. Befo ies. Any measures requ	ore construction in any areas uired as part of the issuance of wate
Implementation:	City of Fols	om Utilities Department			
Timing:	Before the a wetland feat	pproval of grading or improvement pl sures or other waters of the U.S. The M d on an ongoing basis throughout and	ans or any ground-disturbing act IMP must be approved before an after construction, as required.	tivities for all the Off-s ny impact on wetlands	ite Water Facilities containing can occur. Mitigation shall be
Enforcement:	1. U.S. Ar	my Corps of Engineers, Regional Wa	ter Quality Control Board, Califo	ornia Department of Fi	sh and Game.
Alternative, the Cit maximize extent pr feasible.	y shall design a actical. Where	nd route the water conveyance pipelir avoidance is not practical, the City sha	the to avoid waters of the U.S and all maximize the use of trenchles	State, including wetla stechnologies (micro-	nds and vernal pools, to the tunneling or jack-and-bore), where
All trenchess const activities that use d frac-out associated event of a frac-out a documents.	rilling lubricant with tunneling and release of d	gs will include the preparation of a Fra- ts (e.g., construction of pipelines using activities, provide for the timely detec rilling lubricant (i.e., bentonite). Prepa	g jack-and-bore methods). The pre- tion of frac-outs, and ensure and aration and implementation of a	urpose of the plan will organized, timely, and Frac-Out Contingency	be to minimize the potential for a "minimum-impact" response in the Plan will be reflected in contract
Implementation:	City of Fols	om Utilities Department			
Timing:	Prior to and	during construction of all Off-Site Wa	ater Facilities		
Enforcement:	1. U.S. Ar and Gar	my Corps of Engineers, U.S. Fish and me.	l Wildlife Service, Regional Wat	er Quality Control Boa	ard, California Department of Fish
Mitigation Measur Conditions. For all waters impacted by ensure that all temp	re 3B.3-1c: Real water line cross trenching active construction of the construction of	store All Waters Impacted by Trence ssings of waters of the U.S. or State in vities are restored to pre-project contou- ion staging areas within waters of the	which the use of trenchless tech urs and conditions. In addition, w U.S. or State are restored to pre-	ction Staging Areas to nologies are not feasib within 30 days followin project contours and c	• <b>Pre-Project Contours and</b> le, the City shall ensure that all g project construction, the City sha onditions.
At minimum, the C	tity shall ensure	that the following measures are imple	emented during construction:		
<ul> <li>Conduct trench</li> </ul>	ning and constru	action activities across drainages durin	ng low-flow (e.g., <1 to 2 cfs) or	dry periods as feasible	. ,
• If working in a	ctive channels,	install cofferdam upstream and downs	stream of stream crossing to sepa	arate construction area	from flowing waterway;
No Action/No Project) Centralized Developm	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative	RIM (Resource Impact Minimization)
eneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Table 1-1           Summary of Impacts and Mitigation Measures						
	Impact		Land/Water/GPA		Significance		
	Mitigati	on					
<ul> <li>Place sediment and deposited</li> </ul>	curtains upstream and dov outside of the construction	wnstream of the construction zone;	n zone to prevent sediment distu	rbed during trenching a	activities from being transported		
► Locate spoil si	tes such that they do not dr	ain directly into the drainag	es or seasonal wetlands;				
► Store equipme	Store equipment and materials away from the drainages and wetland areas. No debris will be deposited within 250 feet of the drainages and wetland areas;						
<ul> <li>Prepare and im container plant</li> </ul>	plement a revegetation pla material that are appropria	n to restore vegetation in all ate for existing hydrological	l temporarily disturbed wetlands conditions.	s and other waters using	g native species seed mixes and		
Before the approva wetlands or other w within the selected jurisdiction. The M monitoring shall co the performance sta	l of grading and improvem vaters of the U.S. or waters water alignment to the US. MP would have to be appr ntinue for a minimum of 5 undards identified in the ap	ent plans and before any gro of the state, the City shall s ACE and Central Valley RV oved prior to issuance of a S years from completion of ro proved MMP have been me	bundbreaking activity associated ubmit a wetland mitigation and VQCB for review and approval Section 404 permit. Once the fir estoration activities, or human is t, whichever is longer.	d with the Off-site Wate monitoring plan (MMF of those portions of the hal MMP is approved ar intervention (including r	er Facilities requiring fill of P) for the restoration of these water plan over which they have nd implemented, mitigation recontouring and grading), or until		
At minimum, the M	IMP shall provide the follo	wing information:					
<ul> <li>A description a through trench</li> </ul>	and drawings showing the one of t	existing contours (elevation) tion shall include site photo	) and existing vegetation of the graphs taken at each impacted v	waters of the U.S. and S water.	State that would be impacted		
<ul> <li>Methods used use of cut-off</li> </ul>	to ensure that trenching wive valls).	thin waters of the U.S. and S	State do not adversely alter exis	ting hydrology, includin	ng the draining of the waters (e.g.,		
► The methods u line.	sed to restore the site to the	e original contour and condi	tion, as well as a plan for the re	vegetation of the site fo	ollowing installation of the water		
<ul> <li>Proposed sche</li> </ul>	lule for restoration activition	es					
Implementation:	City of Folsom Utilities	s Department					
Timing:	Before the approval of wetland features or othe	grading or improvement pla er waters of the U.S.	ns or any ground-disturbing act	ivities for all the Off-si	te Water Facilities containing		
Enforcement:	<ol> <li>U.S. Army Corps of and Game.</li> </ol>	of Engineers, U.S. Fish and	Wildlife Service, Regional Wat	er Quality Control Boar	rd, California Department of Fish		
	2. For all project-rela Department.	ted improvements that woul	d be located within the City of	Folsom: City of Folsom	Community Development		
	3. For improvements Department or City	within Sacramento County of Rancho Cordova Planni	or City of Rancho Cordova: Sao ng Department.	ramento County Plann	ing and Community Development		
Mitigation Measu	re: Implement Mitigation N	Measure 3A.3-1a.					
P (No Action/No Project) D (Centralized Developn	NCP (No nent) RHD (Re	OUSACE Permit) educed Hillside Development)	PP (Proposed Project) PA (Preferred Off-site)	Nater Facility Alternative)	RIM (Resource Impact Minimization		
(Beneficial) N	I (No impact) LTS (I	_ess than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)		

		Summary of Imp	Table 1-1 acts and Mitigation N	leasures	
		Impact	Land/Water/G	GPA	Significance
		Mitigation			
Implementation:	Cit	ty of Folsom Utilities Department			
Timing:	ning: Prior to and during construction of all Off-Site Water Facilities				
Enforcement:	1.	U.S. Army Corps of Engineers, U.S. Fish and V and Game.	Vildlife Service, Regiona	al Water Quality Contr	rol Board, California Department of Fish
	2.	For all project-related improvements that would Department.	l be located within the C	ity of Folsom: City of	Folsom Community Development
	3.	For improvements within Sacramento County of Department or City of Rancho Cordova Plannir	r City of Rancho Cordov ng Department.	va: Sacramento Count	y Planning and Community Developmen
Significance after N	Mitiga	ution: less than significant			
modifications, on sr	n III a	identified as a condidate consistive or special sto		Turne, Swainson s	
NMFS, and USFWS special-status wildli invertebrates, valley	S. Imp fe spe v elder	bacts could include loss and degradation of habita ecies or take of listed species, including vernal po rberry longhorn beetle, and Swainson's hawk.	itus by DFG, t for several ol	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect	Pool Tadpole, Valley Elderberry Longhondirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longhondirect LTS (Other Special-status Specials)
NMFS, and USFWS special-status wildli invertebrates, valley NCP, PA, 1, 1A, 2, Pond Turtle and if protocol-level surve selected alignment. measures prior to pr monitoring, and long	S. Imp fe spe elder <b>2A, 2</b> <b>Four</b> sys for If eith roject g-terr	<ul> <li>Backs a candidate, sensitive, of special-state pacts could include loss and degradation of habitate pacts could include loss and degradation of habitate pacts or take of listed species, including vernal portberry longhorn beetle, and Swainson's hawk.</li> <li>B, 3, 3A, 4, and 4A: Mitigation Measure 3B.3- and, Implement Avoidance and Compensation Marthewestern spadefoot toad and northwestern poner of these species is detected, then the City shal construction (if necessary). These additional mean monitoring.</li> </ul>	<ul> <li>attus by DFG,</li> <li>attor several</li> <li>bl</li> <li>conduct Preconstru</li> <li>Aeasures. Prior to construct</li> <li>attact of the determine if the locular of the determine if the locular of the determine if the locular of the determine in the determine i</li></ul>	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun	Arrect & Indirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longho indirect LTS (Other Special-status Specie ts) stern Spadefoot Toad and Northwester blogist retained by the City shall conduct ently using water features crossed by the oriate) to develop additional minimization indwater dewatering activities, constructi
NMFS, and USFWS special-status wildli invertebrates, valley <b>NCP, PA, 1, 1A, 2,</b> <b>Pond Turtle and if</b> protocol-level surve selected alignment. measures prior to pr monitoring, and long If temporary fencing protected habitat. Pr spadefoot toad to ac	2A, 2 2A, 2 2A, 2 Four ys for If eithroject g-term g is us rotections	<ul> <li>Charling as a candidate, sensitive, or special-state pacts could include loss and degradation of habitate ecies or take of listed species, including vernal portberry longhorn beetle, and Swainson's hawk.</li> <li>CB, 3, 3A, 4, and 4A: Mitigation Measure 3B.3- and, Implement Avoidance and Compensation M or the western spadefoot toad and northwestern porter of these species is detected, then the City shall construction (if necessary). These additional mean monitoring.</li> <li>Seed, it shall take the form of silt fencing and temp ive fencing around vernal pools identified as pote these wetlands.</li> </ul>	tus by DFG, t for several ol <b>2: Conduct Preconstru</b> <b>Aeasures.</b> Prior to constr ind turtle to determine if the l consult with the DFG ( sures may include timin orary plastic construction ntial habitat for special-se	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun n fencing placed no cl status species shall be	Arrect & Indirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longho indirect LTS (Other Special-status Specie ts) stern Spadefoot Toad and Northwester blogist retained by the City shall conduct ently using water features crossed by the oriate) to develop additional minimization indwater dewatering activities, constructi oser than 25 feet from the edge of the constructed in a way that allows western
NMFS, and USFWS special-status wildli invertebrates, valley <b>NCP, PA, 1, 1A, 2,</b> <b>Pond Turtle and if</b> protocol-level surve selected alignment. measures prior to pr monitoring, and long If temporary fencing protected habitat. Pr spadefoot toad to ac Impacted western sp	2A, 2 Four y elder 2A, 2 Four ys for If eith roject g is us rotection cess to padefo	<ul> <li>acts could include loss and degradation of habitate poacts could be and the second second poact of these species is detected, then the City shall construction (if necessary). These additional mean monitoring.</li> <li>sed, it shall take the form of silt fencing and temp ive fencing around vernal pools identified as pote these wetlands.</li> <li>poot toad habitat shall be mitigated and compensation and the point of the second point of</li></ul>	tus by DFG, t for several ol <b>2: Conduct Preconstru</b> <b>Measures.</b> Prior to constr ind turtle to determine if the l consult with the DFG ( sures may include timin orary plastic construction ntial habitat for special-se ed in accordance with U	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun n fencing placed no cl status species shall be SFWS and DFG requi	Arrect & Indirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longho indirect LTS (Other Special-status Specie ts) stern Spadefoot Toad and Northwester blogist retained by the City shall conduct ently using water features crossed by the oriate) to develop additional minimization indwater dewatering activities, constructi oser than 25 feet from the edge of the constructed in a way that allows western rements.
NMFS, and USFWS special-status wildli invertebrates, valley <b>NCP, PA, 1, 1A, 2,</b> <b>Pond Turtle and if</b> protocol-level surve selected alignment. measures prior to pr monitoring, and long If temporary fencing protected habitat. Pr spadefoot toad to ac Impacted western sp Implementation:	2A, 2 Four elder 2A, 2 Four cys for If eith coject g-terr g is us cotection cess to cadefor Cit	<ul> <li>acts could include loss and degradation of habitate cies or take of listed species, including vernal portberry longhorn beetle, and Swainson's hawk.</li> <li><b>2B, 3, 3A, 4, and 4A: Mitigation Measure 3B.3-nd, Implement Avoidance and Compensation M</b> of the western spadefoot toad and northwestern porter of these species is detected, then the City shal construction (if necessary). These additional mean monitoring.</li> <li>sed, it shall take the form of silt fencing and temp ive fencing around vernal pools identified as pote these wetlands.</li> <li>boot toad habitat shall be mitigated and compensation to yo folsom Utilities Department</li> </ul>	tus by DFG, t for several ol <b>2: Conduct Preconstru</b> <b>Measures.</b> Prior to constr ind turtle to determine if the l consult with the DFG ( sures may include timin orary plastic construction ntial habitat for special-se ed in accordance with U	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun n fencing placed no cl status species shall be SFWS and DFG requi	Arrect & Indirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longho ndirect LTS (Other Special-status Specie ts) stern Spadefoot Toad and Northweste blogist retained by the City shall conduct ently using water features crossed by the oriate) to develop additional minimizatio ndwater dewatering activities, constructi oser than 25 feet from the edge of the constructed in a way that allows western rements.
NMFS, and USFWS special-status wildli invertebrates, valley <b>NCP, PA, 1, 1A, 2,</b> <b>Pond Turtle and if</b> protocol-level surve selected alignment. measures prior to pr monitoring, and long If temporary fencing protected habitat. Pr spadefoot toad to ac Impacted western sp Implementation: Timing:	2A, 2 Four y elder 2A, 2 Four ys for If eith roject g is us rotect cess t padefo Cit Pri	<ul> <li>acts could include loss and degradation of habitate cies or take of listed species, including vernal portberry longhorn beetle, and Swainson's hawk.</li> <li><b>2B, 3, 3A, 4, and 4A: Mitigation Measure 3B.3-ad, Implement Avoidance and Compensation N</b> of the western spadefoot toad and northwestern poter of these species is detected, then the City shal construction (if necessary). These additional mean monitoring.</li> <li>sed, it shall take the form of silt fencing and temp ive fencing around vernal pools identified as pote these wetlands.</li> <li>bot toad habitat shall be mitigated and compensation to and during construction of all Off-site Wate</li> </ul>	tus by DFG, t for several ol <b>2: Conduct Preconstru</b> <b>Measures.</b> Prior to constr and turtle to determine if the l consult with the DFG ( sures may include timin orary plastic construction ntial habitat for special-st ed in accordance with U r Facilities	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun n fencing placed no cl status species shall be SFWS and DFG requi	stern Spadefoot Toad and Northwester bolgist retained by the City shall conduct ondirect LTS (Other Special-status Special stern Spadefoot Toad and Northwester bologist retained by the City shall conduct on the state of the construction of the state of the priate) to develop additional minimization indwater dewatering activities, construction oser than 25 feet from the edge of the constructed in a way that allows western rements.
NMFS, and USFWS special-status wildli invertebrates, valley <b>NCP, PA, 1, 1A, 2,</b> <b>Pond Turtle and if</b> protocol-level surve selected alignment. measures prior to pr monitoring, and long If temporary fencing protected habitat. Pr spadefoot toad to ac Impacted western sp Implementation: Timing: Enforcement:	2A, 2 Four elder 2A, 2 Four eys for If eith roject g-terr g is us rotection cost to cost to co	<ul> <li>acts could include loss and degradation of habitate cies or take of listed species, including vernal portberry longhorn beetle, and Swainson's hawk.</li> <li><b>2B, 3, 3A, 4, and 4A: Mitigation Measure 3B.3-nd, Implement Avoidance and Compensation M</b> in the western spadefoot toad and northwestern porter of these species is detected, then the City shal construction (if necessary). These additional mean monitoring.</li> <li>sed, it shall take the form of silt fencing and temp ive fencing around vernal pools identified as pote these wetlands.</li> <li>boot toad habitat shall be mitigated and compensation of to and during construction of all Off-site Wate U.S. Fish and Wildlife Service, California Depart</li> </ul>	tus by DFG, t for several ol <b>2: Conduct Preconstru</b> <b>Measures.</b> Prior to construct and turtle to determine if the l consult with the DFG ( usures may include timin orary plastic construction ntial habitat for special-se ed in accordance with U r Facilities artment of Fish and Gam	Bats), significant of Shrimp & Vernal I Beetle), direct & in Operational Effect action Survey for Wes ruction, a qualified bio these species are curre and USFWS if approp g restrictions for groun n fencing placed no cl status species shall be SFWS and DFG requi	Affect & indirect (Vernal Pool Fairy Pool Tadpole, Valley Elderberry Longh indirect LTS (Other Special-status Speci ts) stern Spadefoot Toad and Northwest bologist retained by the City shall conduce ently using water features crossed by the oriate) to develop additional minimization indwater dewatering activities, construct oser than 25 feet from the edge of the constructed in a way that allows wester rements.

	Summary of Imp	acts and mitigation measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
	Department.		
	3. For improvements within Sacramento County of Department or City of Rancho Cordova Plannin	or City of Rancho Cordova: Sacramento C ng Department.	County Planning and Community Development
Mitigation Measur	re: Implement Mitigation Measures 3B.3-1a, 3B.3-1b,	3A.3-1b, 3A.3-2a, 3A.3-2b, 3A.3-2c, 3A.3	3-2d, 3A.3-2e, 3A.3-2f, 3A.3-2g, and 3A.3-2
Implementation:	City of Folsom Utilities Department		
Timing:	Prior to and during construction of all Off-site Wate	er Facilities	
Enforcement:	1. U.S. Fish and Wildlife Service, California Dep	artment of Fish and Game.	
	<ol> <li>For all project-related improvements that would Department.</li> </ol>	d be located within the City of Folsom: Ci	ty of Folsom Community Development
	-F		
	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department.	county Planning and Community Developme
Significance after 1 3 <b>B.3-3: Potential I</b> Habitat. Implemen direct removal of sp	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin Mitigation: less than significant</li> <li>Loss or Degradation of Special-Status Plant Populat Intation of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, I result in indirect PS suitable	County Planning and Community Developme
Significance after 1 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measu	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Population that of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Matrix or Compensatory Mitigation.</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, l result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I	County Planning and Community Developme 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & Plant Surveys; Implement Avoidance and
Significance after 1 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measur Implementation:	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Populat Intation of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Metres or Compensatory Mitigation. City of Folsom Utilities Department</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, I result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I	County Planning and Community Developme 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & Plant Surveys; Implement Avoidance and
Significance after 1 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measur Implementation: Timing:	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Population of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Mitigation. City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, l result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I er Facilities	County Planning and Community Developme 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & Plant Surveys; Implement Avoidance and
Significance after 1 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measur Implementation: Fiming: Enforcement:	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Populate Intation of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Metres or Compensatory Mitigation. City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water 1. U.S. Fish and Wildlife Service and California I</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, I result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I er Facilities Department of Fish and Game.	County Planning and Community Developme 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & Plant Surveys; Implement Avoidance and
Significance after 1 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measur Implementation: Timing: Enforcement:	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Population thation of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2, 2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Metres or Compensatory Mitigation. City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water</li> <li>1. U.S. Fish and Wildlife Service and California I</li> <li>2. For all project-related improvements that would Department.</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, I result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I er Facilities Department of Fish and Game. d be located within the City of Folsom: Ci	County Planning and Community Developme <b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> direct & <b>Plant Surveys; Implement Avoidance and</b> ty of Folsom Community Development
Significance after in 3B.3-3: Potential I Habitat. Implemen direct removal of sp habitat or degradati NCP, PA, 1, 1A, 2, Mitigation Measur Implementation: Timing: Enforcement:	<ol> <li>For improvements within Sacramento County of Department or City of Rancho Cordova Plannin <i>Mitigation: less than significant</i></li> <li>Loss or Degradation of Special-Status Plant Population that ion of the Off-site Water Facility Alternatives could pecial-status plants, if they are present, through loss of ion of suitable habitat due to site alteration.</li> <li>2, 2A, 2B, 3, 3A, 4, and 4A: Implement Mitigation Metres or Compensatory Mitigation. City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water</li> <li>I. U.S. Fish and Wildlife Service and California I</li> <li>2. For all project-related improvements that would Department.</li> <li>3. For improvements within Sacramento County of Department or City of Rancho Cordova Plannin</li> </ol>	or City of Rancho Cordova: Sacramento C ng Department. tions and Water NCP, PA, 1, I result in indirect PS suitable easure 3A.3-3: Conduct Special-Status I er Facilities Department of Fish and Game. d be located within the City of Folsom: Ci or City of Rancho Cordova: Sacramento C ng Department.	County Planning and Community Developme <b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> direct & <b>Plant Surveys; Implement Avoidance and</b> ty of Folsom Community Development County Planning and Community Developme

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

1-68

B (Beneficial)

NI (No impact)

LTS (Less than significant)

	Table 1-1 Summary of Impacts and M	itigation M	easures
	Impact	and/Water/GI	PA Significance
	Mitigation		
<b>3B.3-4: Loss of Se</b> <b>Other Impacts).</b> C Alternatives has th woodland habitats. local resource ager	ensitive Natural Communities (Not Already Covered under Construction and operation of the Off-site Water Facility e potential to have a substantial adverse effect on local riparian and . These are natural communities considered sensitive by state and necess and require consideration under CEQA.	Water	<ul> <li>NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, &amp; 4A: direct &amp; indirect (construction),</li> <li>NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, &amp; 4A: direct &amp; indirect LTS (sensitive communities from long-term operation of the Off-site Water Facilities)</li> <li>2B: direct &amp; indirect LTS</li> </ul>
NCP, PA, 1, 1A, 2	<b>2</b> , <b>2A</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp; 4A</b> : Implement Mitigation Measures 3B.3-1a, 3B.	3-1b, 3A.3-1	o, and 3A.3-4a.
Implementation:	City of Folsom Utilities Department		
Timing:	Prior to and during construction of all Off-site Water Facilities		
Enforcement:	1. California Department of Fish and Game and Regional Wat	er Quality Co	ntrol Board.
<b>2B:</b> No mitigation	measures are required.		
NIGHITICANCO ATTOR	$\lambda$		
		<b>XX</b> 7 4	
<b>3B.3-5: Loss of In</b> Alternatives could meeting the criteria County Tree Ordin <b>NCP, PA, 1, 1A, 2</b> <b>Mitigation Plan, I</b> Implementation:	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>2, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department</li> </ul>	Water nduct Tree S Avoid and	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si
<b>3B.3-5: Loss of In</b> Alternatives could meeting the criteria County Tree Ordin <b>NCP, PA, 1, 1A, 2</b> <b>Mitigation Plan, H</b> Implementation: Timing:	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>2, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department Prior to and during construction of all Off-site Water Facilities</li> </ul>	Water nduct Tree S Avoid and	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si
<b>3B.3-5: Loss of In</b> Alternatives could meeting the criteria County Tree Ordin <b>NCP, PA, 1, 1A, 2</b> <b>Mitigation Plan, H</b> Implementation: Timing: Enforcement:	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>e, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department Prior to and during construction of all Off-site Water Facilities 1. U.S. Fish and Wildlife Service, California Department of Fi</li> </ul>	Water nduct Tree S • Avoid and sh and Game	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si
<b>3B.3-5: Loss of In</b> Alternatives could meeting the criteria County Tree Ordin <b>NCP, PA, 1, 1A, 2</b> <b>Mitigation Plan, I</b> Implementation: Timing: Enforcement:	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>2, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water Facilities <ol> <li>U.S. Fish and Wildlife Service, California Department of Fi</li> <li>For all project-related improvements that would be located Department.</li> </ol> </li> </ul>	Water nduct Tree S Avoid and sh and Game within the Cit	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si y of Folsom: City of Folsom Community Development
<b>3B.3-5: Loss of In</b> Alternatives could meeting the criteria County Tree Ordin <b>NCP, PA, 1, 1A, 2</b> <b>Mitigation Plan, H</b> Implementation: Timing: Enforcement:	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>2, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water Facilities <ol> <li>U.S. Fish and Wildlife Service, California Department of Fi</li> <li>For all project-related improvements that would be located Department.</li> </ol> </li> </ul>	Water nduct Tree S Avoid and sh and Game within the Cir ncho Cordova nt.	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si y of Folsom: City of Folsom Community Development a: Sacramento County Planning and Community Developme
<ul> <li>3B.3-5: Loss of In Alternatives could meeting the criteria County Tree Ordin</li> <li>NCP, PA, 1, 1A, 2</li> <li>Mitigation Plan, I Implementation: Timing: Enforcement:</li> <li>2B: No mitigation</li> </ul>	<ul> <li>dividual Oak Trees. Implementation of the Off-site Water Facility result in the removal of oak woodland and individual oak trees a for protection under Folsom Municipal Code and the Sacramento nance.</li> <li>2, 2A, 3, 3A, 4, &amp; 4A: Implement Mitigation Measure 3A.3-5: Co Replace Native Oak Trees Removed, and Implement Measures to City of Folsom Utilities Department</li> <li>Prior to and during construction of all Off-site Water Facilities <ol> <li>U.S. Fish and Wildlife Service, California Department of Fi</li> <li>For all project-related improvements that would be located be Department.</li> </ol> </li> <li>For improvements within Sacramento County or City of Ra Department or City of Rancho Cordova Planning Department measures are required.</li> </ul>	Water nduct Tree S Avoid and sh and Game within the Cit ncho Cordova nt.	NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4, & 4A: direct & indirect 2B: direct & indirect LTS Survey, Prepare and Implement an Oak Woodland Minimize Indirect Impacts on Oak Trees Retained On-si y of Folsom: City of Folsom Community Development a: Sacramento County Planning and Community Developme

Impact       Land/Water/C         Mitigation       S.5-6: Potential Interference with Wildlife or Fisheries Movement. Construction doperation of the Off-site Water Facility Alternatives has the potential to interfere bestantially with the movement of native resident or migratory fish or within ablished native resident or migratory wildlife corridors.       Water         CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.       Water         stanificance after Mitigation: less than significant       Water         S-7: Potential Conflict with Habitat Conservation Plans. Construction of the f-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.       Water         CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.       Water         4.5-7: Potential Conflict with Habitat Conservation Plans. Construction of the f-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.       Water         CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.       Mitigation: less than significant         .4 CLIMATE CHANGE – LAND       Land         .4-1: Generation of Temporary, Short-Term Construction-Related GHG       Land	Significance         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & indirect LTS         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: mainteend of the second
Mitigation <b>8.5-6: Potential Interference with Wildlife or Fisheries Movement.</b> Construction       Water         a operation of the Off-site Water Facility Alternatives has the potential to interfere       Water         b stantially with the movement of native resident or migratory fish or within       water         ablished native resident or migratory wildlife corridors.       CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required. <i>cpificance after Mitigation: less than significant</i> Water <b>5.5-7: Potential Conflict with Habitat Conservation Plans.</b> Construction of the       Water         F-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.       Water <b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.       Water <b>4.1: Generation of Temporary, Short-Term Construction-Related GHG</b> Land	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & indirect LTS
<ul> <li><b>8.5-6: Potential Interference with Wildlife or Fisheries Movement.</b> Construction d operation of the Off-site Water Facility Alternatives has the potential to interfere bstantially with the movement of native resident or migratory fish or within ablished native resident or migratory wildlife corridors.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>crificance after Mitigation: less than significant</b></li> <li><b>conservation Plans.</b> Construction of the Water F-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>conservation Plan or Natural Community Conservation Plan.</b></li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>conservation Plan or Natural Community Conservation Plan.</b></li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>conservation Plan or Natural Community Conservation Plan.</b></li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>conservation Plan or Natural Community Conservation Plan.</b></li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>construction Plan or Natural Community Conservation Plan.</b></li> <li><b>conservation Plan or Natur</b></li></ul>	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: direct & indirect LTS
<ul> <li>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.</li> <li><i>gnificance after Mitigation: less than significant</i></li> <li>S-7: Potential Conflict with Habitat Conservation Plans. Construction of the F-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.</li> <li>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.</li> <li><i>crificance after Mitigation: less than significant</i></li> <li>A-1: Generation of Temporary, Short-Term Construction-Related GHG Land</li> </ul>	NCD DA 1 14 2 24 2D 2 24 4 and 44 and immedia
<ul> <li>gnificance after Mitigation: less than significant</li> <li>5-7: Potential Conflict with Habitat Conservation Plans. Construction of the F-site Water Facilities has the potential to conflict with the provisions of an adopted bitat Conservation Plan or Natural Community Conservation Plan.</li> <li>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.</li> <li>gnificance after Mitigation: less than significant</li> <li>A CLIMATE CHANGE – LAND</li> <li>A-1: Generation of Temporary, Short-Term Construction-Related GHG Land</li> </ul>	NCD DA 1 1A 2 2A 2D 2 2A 4 and 4A and immedia
<ul> <li><b>3.5-7: Potential Conflict with Habitat Conservation Plans.</b> Construction of the F-site Water Facilities has the potential to conflict with the provisions of an adopted abitat Conservation Plan or Natural Community Conservation Plan.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A:</b> No mitigation measures are required.</li> <li><b>CP, 1A, 1A, 1A, 1A, 1A, 1A, 1A, 1A, 1A, 1A</b></li></ul>	NCD DA 1 1A 2 2A 2D 2 2A 4 and 4A and immed
CP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 4A: No mitigation measures are required.         gnificance after Mitigation: less than significant         A.4 CLIMATE CHANGE – LAND         .4-1: Generation of Temporary, Short-Term Construction-Related GHG         Land	INCF, FA, I, IA, 2, 2A, 2D, 3, 3A, 4, and 4A: no impacts
gnificance after Mitigation: less than significant         A.4 CLIMATE CHANGE – LAND         .4-1: Generation of Temporary, Short-Term Construction-Related GHG       Land	
4 CLIMATE CHANGE – LAND        4-1: Generation of Temporary, Short-Term Construction-Related GHG       Land	
.4-1: Generation of Temporary, Short-Term Construction-Related GHG Land	
<b>Instions.</b> Project-related construction activities associated with development of the oject and off-site elements would result in increased generation of GHG emissions. ese emissions would be temporary and short-term and would decline over time as w regulations are developed that address medium- and heavy-duty on-road vehicles d off-road equipment under the mandate of AB 32.	ON- & OFF-SITE NP: LTS ON-SITE NCP, PP, RIM, CD, RHD: significant cumulative OFF-SITE NCP, PP, RIM, CD, RHD: LTS (Detention Basin and Sewer Force Main Connection) Significant cumulative (Prairie City Road Interchange, Rowberry Drive Overcrossing, Oak Avenue Interchange, Roadway Extensions)
<b>ON-SITE</b>	
': No mitigation measures required.	
<b>PP, PP, KIM, CD, KHD:</b> Implement Mitigation Measures 3A.2-1a and 3A.2-1b.	
<b>tigation Measure 3A.4-1: Implement Additional Measures to Control Construction-Gener</b> further reduce construction-generated GHG emissions, the project applicant(s) of all project pho- plement all feasible measures for reducing GHG emissions associated with construction that are site undergo construction. Such measures may reduce GHG exhaust emissions from the use of rrying materials and equipment to and from the SPA, as well as GHG emissions embodied in the	rated GHG Emissions. ases any particular discretionary development application share recommended by SMAQMD at the time individual portions on-site equipment, worker commute trips, and truck trips e materials selected for construction (e.g., concrete). Other
Action/No Project)       NCP (No USACE Permit)       PP (Proposed F         ntralized Development)       RHD (Reduced Hillside Development)       PA (Preferred C	Distant) DIM (Descures laws at Minimize

		Summary of Imp	Table 1-1 pacts and Mitigation Measures	
		mpact	Land/Water/GPA	Significance
		Mitigation		
me dev stip Th spe sub req of sel SM	easures may pertain to the materials velopment <u>phaseentitlement</u> , the pr pulate that these measures be imple e project applicant(s) for any partic ecific measures are considered infer bstantiation for not implementing p quest for bid by the project applican feasible measures be established pr ected GHG reduction measures be MAQMD's recommended measures	used in construction. Prior to release oject applicant(s) shall obtain the memented in the respective request for ular <u>discretionary</u> development <del>pha</del> usible for construction of that partice articular GHG reduction measures, t(s) for seeking a primary contracto ior to the selection of a primary con- inherent to the selection process. for reducing construction-related G	sing each request for bid to contractors for ost current list of GHG reduction measure bid as well as the subsequent construction se application may submit to the City and ular development phase and/or at that poin shall be approved by the City, in consultar r to manage the construction of each develop tractor, this measure requires that the abil	r the construction of each <u>discretionary</u> es that are recommended by SMAQMD and on contract with the selected primary contractor. SMAQMD a report that substantiates why nt in time. The report, including the <u>tion with</u> SMAQMD prior to the release of a elopment <del>phase</del> <u>project</u> . By requiring that the list lity of a contractor to effectively implement the EIR/EIS are listed below and the project
app	plicant(s) shall, at a minimum, be re	equired to implement the following:		
►	Improve fuel efficiency from con	struction equipment:		
	• reduce unnecessary idling (n	odify work practices, install auxilia	ry power for driver comfort);	
	• perform equipment maintena	nce (inspections, detect failures ear	ly, corrections);	
	• train equipment operators in	proper use of equipment;		
	• use the proper size of equipm	ent for the job; and		
	• use equipment with new tech	nologies (repowered engines, electr	ric drive trains).	
►	Use alternative fuels for electricit	y generators and welders at constru	ction sites such as propane or solar, or use	e electrical power.
Þ	Use an ARB-approved low-carbo from the use of low carbon fuel n Carbon Fuel Standard Program (A	n fuel, such as biodiesel or renewat nust be reviewed and increases mitig ARB 2009b).	ble diesel for construction equipment. (En gated.) Additional information about low-	hissions of oxides of nitrogen $[NO_X]$ emissions carbon fuels is available from ARB's Low
►	Encourage and provide carpools,	shuttle vans, transit passes and/or se	ecure bicycle parking for construction wo	rker commutes.
•	Reduce electricity use in the consults with more efficient ones.	truction office by using compact flu	orescent bulbs, powering off computers of	every day, and replacing heating and cooling
►	Recycle or salvage non-hazardou	s construction and demolition debri	s (goal of at least 75% by weight).	
•	Use locally sourced or recycled n roadway, parking lot, sidewalk an	naterials for construction materials ( d curb materials).	goal of at least 20% based on costs for bu	ilding materials, and based on volume for
►	Minimize the amount of concrete	used for paved surfaces or use a low	w carbon concrete option.	
•	Produce concrete on-site if deterr	nined to be less emissive than transp	porting ready mix.	
•	Use EPA-certified SmartWay tru	cks for deliveries and equipment tra	nsport. Additional information about the	SmartWay Transport Partnership Program is
P (No D (Cer	Action/No Project) ntralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Faci	RIM (Resource Impact Minimization) lity Alternative)

1-71

AECOM Revisions to the DEIR/DEIS

		Summary	Table 1-1 of Impacts and Mitigation M	easures	
		Impact	Land/Water/G	PA	Significance
		Mitigation			
available from	ARB'	s Heavy-Duty Vehicle Greenhouse Gas M	Measure (ARB 2009c) and EPA (	EPA 2009).	
<ul> <li>Develop a SM potable water</li> </ul>	AQMI from a	<del>) approved</del> plan <u>in consultation with SM</u> local source.	AQMD to efficiently use water for	or adequate dust control.	This may consist of the use of non-
In addition to SM SMAQMD and A	IAQM RB.	D-recommended measures, construct	tion activity shall comply with	all applicable rules an	nd regulations established by
Implementation:	Pro	ject applicant(s) during all discretionary of	<u>development</u> project <del>phases</del> and o	on-site and off-site eleme	ents.
Timing:	Bef ele	ore approval of <u>small-lot</u> final maps and ments and implementation throughout pr	building permits for all <u>discretion</u> oject construction.	ary development project	t <del>phases</del> , including all on- and off-site
Enforcement:	1.	For all project-related improvements th Department.	at would be located within the Ci	ty of Folsom: City of Fo	lsom Community Development
	2.	For all on- and off-site project-related a	activities within the City of Folson	m and Sacramento Coun	ty.
	3.	For the two roadway extensions into El	Dorado Hills: El Dorado County	Development Services	Department.
Significance after 3A.4-2: Generation project over the lon contribute consider	Mitigation of L ng term rably to	<b>tion: significant and unavoidable</b> <b>ong-Term Operational GHG Emission</b> a would result in increased generation of a cumulative GHG emissions.	s. Operation of the Land GHGs, which would	ON-SITE NP: LTS ON-SITE NCP, PP, RIM, CD, OFF-SITE	<b>RHD:</b> significant cumulative
				NCP, PP, RIM, CD,	RHD: LTS
<b>ON-SITE</b> <b>NP:</b> No mitigation	E measu	ires required.			
NCP, PP, RIM, C	D, RH	<b>D:</b> Implement Mitigation Measure 3A.2-	-2.		
Mitigation Measured SPA project site remitigation measured	re 3A. quiring that i	<b>4-2a: Implement Additional Measures</b> <i>y</i> a discretionary approval (e.g., <u>proposed</u> <del>reduce GHG emissions to the extent feas</del>	to Reduce Operational GHG E tentative subdivision map, condi ible and to the extent appropriate	<b>missions.</b> For eEach inc tional use permit <del>, impro</del> with respect to the state	rement of new development within th vement plan), the City shall impose s progress at the time toward meeting
No Action/No Project Centralized Developr	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Develo	PP (Proposed Pr pment) PA (Preferred Of	roject) f-site Water Facility Alterna	RIM (Resource Impact Minimizati ative)
eneficial)	VI (No ir	npact) LTS (Less than significant)	PS (Potentially significant	) S (Significant)	SU (Significant and unavoidable)
Table 1-1           Summary of Impacts and Mitigation Measures					
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	Impact	Land/Water/GPA		Significance	
	Mitigation				
GHG emissions reductions s negative declaration or proje supporting roadway and infr and as required by the Calife CO <sub>2</sub> e/SP/year for development development that would bee The above-stated thresholds adopted thresholds will be u future regulatory measures i	hall be subject to a project-specific environm ect-specific EIR) and will require that GHG e astructure improvements that are part of the partial Global Warming Solutions Act of 2006 ent that would become operational on or befor ome operational on or before the year 2030. of significance may be subject to change if S sed. The amount of GHG reduction required including those developed under AB 32).	nental review (which could supp missions from construction and selected action alternative, will b (AB 32) an amount sufficient to ore the year 2020, and the 2030-b SMAQMD approves its own GH to achieve the applicable signific	ort an applicable exemp operation of each phase or reduced by <del>30% from</del> or achieve the 2020-base based threshold of signing G significance threshold cance thresholds will fu	otion, negative or mitigated e of development, including n business as usual 2006 emissions of threshold of significance of 4.36 ficance of 2.86 CO2e/SP/year for ds, in which case, SMAQMD- urthermore depend on existing and	
The City shall require feasible reduction measures that, in combination with existing and future regulatory measures developed under AB 32, will reduce GHG emissions associated with the operation of future project development phases and supporting roadway and infrastructure improvements that are part of the selected action alternative by an amount sufficient to achieve the 2020 based goal of 4.36 CO <sub>2</sub> e/SP/year for development that would become operational on or before the year 2020 and the 2020 based goal of 3.68 CO <sub>2</sub> e/SP/year for development that would become operational on or before the generation of future for development that would become operational on or before the year 2030, if it is feasible to do so. The feasibility of potential GHG reduction measures shall be evaluated by the City at the time each phase of development is proposed in order to allow for ongoing innovations in GHG reduction technologies as well as incentives created in the regulatory environment.					
For each increment of new <u>c</u> considered in the development <u>available incentives</u> , and thr resulting CO <sub>2</sub> e/SP/year metric demonstrating which GHG is also demonstrate why measure inclusion of the design feature development. In determining following factors:	<u>liscretionary</u> development, the City shall sub- int design. The City's list of potentially feasil esholds of significance that may be develope in <u>Executive Order S-3-05</u> . The project appli- eduction measures are feasible the associated are not selected are considered infeasible. If ares not selected are considered infeasible. The res in the proposed project before applicant(s g what measures should appropriately be imp	mit to the project applicant(s) a l ble GHG reduction measures sha <u>d by SMAQMD</u> , which will <del>con</del> <del>cant(s) shall then submit to the G</del> <del>l reduction in GHG emissions, a</del> <u>the project applicant(s) asserts in</u> the City <del>must <u>willshall</u> review and s) to <u>can</u> receive the City's discre- osed by <del>a local government</del> <u>the p</u></del>	ist of potentially feasib ill reflect the current statinuously evolve under City a mitigation report and the resulting $CO_2e/S$ cannot meet the 2020- d approve the mitigatio etionary approval for th <u>City</u> under the circumst	le GHG reduction measures to be ate of the regulatory environment, the mandate of AB 32 <u>and the</u> that contains an analysis SP/year metric. The report shall based goal, then the report shall n report for the project <u>ensure</u> e <del>applicable</del> <u>any</u> increment of cances, the City shall consider the	
<ul> <li>the extent to which rates of regulations, policies, EPA;</li> </ul>	s of GHG emissions generated by motor vehi and/or plans that have already been adopted	cles traveling to, from, and with or may be adopted in the future	in the SPA are projecte by ARB or other public	d to decrease over time as a result e agency pursuant to AB 32, or by	
<ul> <li>the extent to which mob also be reduced through</li> </ul>	ile-source GHG emissions, which at the time design measures that result in trip reduction	e of writing this EIR/EIS comprised and reductions in trip length;	se a substantial portion	of the state's GHG inventory, can	
<ul> <li>the extent to which GHe decrease pursuant to the</li> </ul>	G emissions emitted by the mix of power gen Renewables Portfolio Standard required by	eration operated by SMUD, the SB 1078 and SB 107, as well as	electrical utility that w any future regulations,	ill serve the SPA, are projected to policies, and/or plans adopted by	
P (No Action/No Project) D (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimization)	
(Beneficial) NI (No impa	act) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)	

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

Table 1-1 **Summary of Impacts and Mitigation Measures** Significance Impact Land/Water/GPA Mitigation the federal and state governments that reduce GHG emissions from power generation; the extent to which replacement of CCR Title 24 with the California Green Building Standards Code or other similar requirements will result in new buildings being more energy efficient and consequently more GHG efficient; the extent to which any stationary sources of GHG emissions that would be operated on a proposed land use (e.g., industrial) are already subject to regulations, ► policies, and/or plans that reduce GHG emissions, particularly any future regulations that will be developed as part of ARB's implementation of AB 32, or other pertinent regulations on stationary sources that have the indirect effect of reducing GHG emissions; the extent to which other mitigation measures imposed on the project to reduce other air pollutant emissions may also reduce GHG emissions; the extent to which the feasibility of existing GHG reduction technologies may change in the future, and to which innovation in GHG reduction technologies will continue, effecting cost-benefit analyses that determine economic feasibility; and whether the total costs of proposed mitigation for GHG emissions, together with other mitigation measures required for the proposed development, are so great ► that a reasonably prudent property owner would not proceed with the project in the face of such costs. In considering how much, and what kind of, mitigation is necessary in light of these factors, the City shall consider the following list of options, though the list is not intended to be exhaustive, as GHG emission reduction strategies and their respective feasibility are likely to evolve over time. These measures are derived from multiple sources including the Mitigation Measure Summary in Appendix B of the California Air Pollution Control Officer's Association (CAPCOA) white paper, CEOA & Climate Change (CAPCOA 2009a); CAPCOA's Model Policies for Greenhouse Gases in General Plans (CAPCOA 2009b); and the California Attorney General's Office publication, The California Environmental Quality Act: Addressing Global Warming Impacts at the Local Agency Level (California Attorney General's Office 2008). **Energy Efficiency** Include clean alternative energy features to promote energy self-sufficiency (e.g., photovoltaic cells, solar thermal electricity systems, small wind turbines). Design buildings to meet CEC Tier II requirements (e.g., exceeding the requirements of the Title 24 [as of 2007] by 35%). Site buildings to take advantage of shade and prevailing winds and design landscaping and sun screens to reduce energy use. Install efficient lighting in all buildings (including residential). Also install lighting control systems, where practical. Use daylight as an integral part of lighting systems in all buildings. Install light-colored "cool" pavements, and strategically located shade trees along all bicycle and pedestrian routes. Water Conservation and Efficiency With the exception of ornamental shade trees, use water-efficient landscapes with native, drought-resistant species in all public area and commercial landscaping. Use water-efficient turf in parks and other turf-dependant spaces. Install the infrastructure to use reclaimed water for landscape irrigation and/or washing cars. Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls. Design buildings and lots to be water-efficient. Only install water-efficient fixtures and appliances. NP (No Action/No Project) NCP (No USACE Permit) PP (Proposed Project) RIM (Resource Impact Minimization) PA (Preferred Off-site Water Facility Alternative) CD (Centralized Development) RHD (Reduced Hillside Development) B (Beneficial) NI (No impact) LTS (Less than significant) PS (Potentially significant) S (Significant) SU (Significant and unavoidable)

Table 1-1 Summary of Impacts and Mitigation Measures					
		Impact	Land/Water/GPA		Significance
		Mitigation			
<ul> <li>Restrict w washers f Restriction</li> </ul>	watering methods (e. for cleaning drivewa	g., prohibit systems that apply water t ys, parking lots, sidewalks, and street y.	o nonvegetated surfaces) and cor surfaces. These restrictions shou	trol runoff. Prohibit bu ld be included in the C	usinesses from using pressure ovenants, Conditions, and
► Provide e	education about wate	r conservation and available program	s and incentives.		
► To reduce family de (two cone	e stormwater runoff, etached residences ar crete strips with vego	which typically bogs down wastewat ad parking lots and driveways of mult etation or aggregate in between) and/c	er treatment systems and increase ifamily residential uses with perv or the use of porous concrete, por	es their energy consum ious surfaces. Possible ous asphalt, turf blocks	ption, construct driveways to single designs include Hollywood drives s, or pervious pavers.
Solid Waste	Measures				
► Reuse an	d recycle construction	on and demolition waste (including, but	it not limited to, soil, vegetation,	concrete, lumber, meta	al, and cardboard).
<ul> <li>Provide i</li> </ul>	nterior and exterior	storage areas for recyclables and green	n waste at all buildings.		
<ul> <li>Provide a</li> </ul>	adequate recycling co	ontainers in public areas, including pa	rks, school grounds, golf courses	, and pedestrian zones	in areas of mixed-use developmen
<ul> <li>Provide e</li> </ul>	education and public	ity about reducing waste and available	e recycling services.		
Transportati	ion and Motor Vehi	cles			
<ul> <li>Promote a adequate sharing).</li> </ul>	ride-sharing program passenger loading a	ns and employment centers (e.g., by d nd unloading zones and waiting areas	esignating a certain percentage o for ride-share vehicles, and prov	f parking spaces for rid iding a Web site or me	le-sharing vehicles, designating ssage board for coordinating ride-
<ul> <li>Provide t facilities</li> </ul>	he necessary facilitie and conveniently loo	es and infrastructure in all land use type to alternative fueling stations).	bes to encourage the use of low-	or zero-emission vehicl	les (e.g., electric vehicle charging
<ul> <li>At indust powered fossil fue</li> </ul>	trial and commercial or powered by biofu el consumption.	land uses, all forklifts, "yard trucks," els (such as biodiesel [B100]) that are	or vehicles that are predominatel produced from waste products, o	y used on-site at non-r or shall use other techn	esidential land uses shall be electri ologies that do not rely on direct
Implementation	on: The project	applicant(s) <del>of all project phases<u>for</u> ar</del>	ny particular discretionary develo	pment.	
Timing:	Before appre	oval of final maps and building permi	ts for all project phases, including	g all on- and off-site el	ements.
Enforcement:	City of Fols	om Community Development Departi	nent.	-	
Mitigation M project site re environmenta usual 2006 en The City shall emissions ass	feasure 3A.4-2a: In equiring a discretionand review and will reconsistent of the nissions and as requinant of the red require feasible red ociated with the ope	aplement Additional Measures to Reasures to Reasures to Reasures to Reasures to Reasures that GHG emissions from constructed by the California Global Warming uction measures that, in combination ration of future project development reasures that the transmission of transmis	educe Operational GHG Emiss subdivision map, conditional use uction and operation of each pha- g Solutions Act of 2006 (AB 32). with existing and future regulato hases and supporting roadway ar	ions. Each increment of permit), shall be subject se of development be r ry measures developed ad infrastructure impro-	of new development within the ext to a project-specific educed by 30% from business as- - under AB 32, will reduce GHG vements that are part of the select(
	· I ·	1 J 1 F	11 0 1494	F -	1
(No Action/No P (Centralized Dev	Project) velopment)	NCP (No USACE Permit) RHD (Reduced Hillside Developmen	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative	RIM (Resource Impact Minimizatio
eneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECON Introduc	Summary of Impac	Fable 1-1ts and Mitigation Measures	
tion	Impact	Land/Water/GPA	Significance
	Mitigation		
	action alternative by an amount sufficient to achieve the 2020 based goal of 4 year 2020 and the 2020 based goal of 3.68 CO2e/SP/year for development th feasibility of potential GHG reduction measures shall be evaluated by the Cit innovations in GHG reduction technologies, as well as incentives created in t	1.36 CO2e/SP/year for development tha at would become operational on or befor y at the time each phase of development he regulatory environment.	t would become operational on or before the ore the year 2030, if it is feasible to do so. The t is proposed in order to allow for ongoing
	For each increment of new development, the project applicant(s) shall submit project specific environmental review. These energy conservation measures we each increment of development, would result in a reduction in overall project further identify potentially feasible GHG reduction measures to reflect the cu the mandate of AB 32 and the resulting CO2e/SP/year metric. The City will r applicant(s) can receive the City's discretionary approval for the applicable in imposed by the City under the circumstances, the City shall consider the follow	to the City a list of feasible energy effi- which will be incorporated into the desi- energy consumption and GHGs. The p rrent state of the regulatory environmer eview and ensure inclusion of the designerement of development. In determinir wing factors:	cient design standards to be considered in the gn, construction, and operational aspects of roject specific environmental review shall t, and which will continuously evolve under n features in the proposed project before the g what measures should appropriately be
	<ul> <li>the extent to which rates of GHG emissions generated by motor vehicles result of regulations, policies, and/or plans that have already been adopte or by EPA;</li> </ul>	traveling to, from, and within the proje d or may be adopted in the future by A	ct site are projected to decrease over time as a RB or other public agency pursuant to AB 32,
1-76	the extent to which mobile source GHG emissions, which at the time of also be reduced through design measures that result in trip reductions and	writing this EIR/EIS comprise a substar l reductions in trip length;	tial portion of the state's GHG inventory, can
с, Т	the extent to which GHG emissions emitted by the mix of power generat projected to decrease pursuant to the Renewables Portfolio Standard requadopted by the federal and state governments that reduce GHG emission	ion operated by SMUD, the electrical u uired by SB 1078 and SB 107, as well a s from power generation;	tility that will serve the project site, are s any future regulations, policies, and/or plans
olsom S	<ul> <li>the extent to which replacement of CCR Title 24 with the California Gre being more energy efficient and consequently more GHG efficient;</li> </ul>	en Building Standards Code or other si	nilar requirements will result in new buildings
outh of U.	the extent to which any stationary sources of GHG emissions that would policies, and/or plans that reduce GHG emissions, particularly any future other pertinent regulations on stationary sources that have the indirect effects.	be operated on a proposed land use (e.g regulations that will be developed as p fect of reducing GHG emissions;	s., industrial) are already subject to regulations, art of ARB's implementation of AB 32, or
S. High	<ul> <li>the extent to which the feasibility of existing GHG reduction technologies will continue, effecting cost-benefit analyses that determine economic fe</li> </ul>	es may change in the future, and to whic asibility; and	h innovation in GHG reduction technologies
iway 50 Cit	<ul> <li>whether the total costs of proposed mitigation for GHG emissions, togeth that a reasonably prudent property owner would not proceed with the pro-</li> </ul>	her with other mitigation measures requised to be the second second second second second second second second s	ired for the proposed development, are so great
Specific Plan y of Folsom a	In considering how much, and what kind of, measures are necessary in light of non-exclusive and non-exhaustive list of measures. GHG emission reduction measures are derived from multiple sources including the Mitigation Measure Association (CAPCOA) white paper, <i>CEQA &amp; Climate Change</i> (CAPCOA 2)	of these factors, the City shall consider ( strategies and their respective feasibilit Summary in Appendix B of the Calife 009a); CAPCOA's <i>Model Policies for</i> (	and implement as appropriate, the following y are likely to evolve over time. These rnia Air Pollution Control Officer's <i>Greenhouse Gases in General Plans</i>
FEIR/FEIS	NP (No Action/No Project)NCP (No USACE Permit)CD (Centralized Development)RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Facility	RIM (Resource Impact Minimization)

B (Beneficial)

	Summary of Imp	Table 1-1 acts and Mitigation Measu	ires	
	Impact	Land/Water/GPA		Significance
	Mitigation			
(CAPCOA 2009b); and the Cali- the Local Agency Level (Califor Energy Efficiency	fornia Attorney General's Office publicat nia Attorney General's Office 2008).	ion, The California Environme	ntal Quality Act: Addre	ssing Global Warming Impacts at
<ul> <li>Include clean alternative end</li> </ul>	ergy features to promote energy self suffi	<del>ciency (e.g., photovoltaic cells,</del>	solar thermal electricit	v systems, small wind turbines).
Design buildings to meet Cl	EC Tier II requirements (e.g., exceeding t	he requirements of the Title 24	[as of 2007] by 35%).	,
<ul> <li>Site buildings to take advant</li> </ul>	tage of shade and prevailing winds and de	sign landscaping and sun scree	ns to reduce energy use	<u>.</u>
<ul> <li>Install efficient lighting in a lighting systems in all build</li> </ul>	Il buildings (including residential). Also i ings.	nstall lighting control systems,	where practical. Use da	aylight as an integral part of
► Install light colored "cool"	pavements, and strategically located shad	e trees along all bicycle and pe	lestrian routes.	
Water Conservation and Effici	i <del>ency</del>			
► With the exception of ornan landscaping. Use water efficient	nental shade trees, use water efficient land cient turf in parks and other turf dependar	dscapes with native, drought re	sistant species in all pu	blic area and commercial
► Install the infrastructure to t	ise reclaimed water for landscape irrigation	on and/or washing cars.		
► Install water efficient irriga	tion systems and devices, such as soil mo	sture based irrigation controls.		
<ul> <li>Design buildings and lots to</li> </ul>	be water efficient. Only install water eff	icient fixtures and appliances.		
<ul> <li>Restrict watering methods ( washers for cleaning drivew Restrictions of the commun</li> </ul>	e.g., prohibit systems that apply water to a ays, parking lots, sidewalks, and street su	nonvegetated surfaces) and con rfaces. These restrictions should	trol runoff. Prohibit but d be included in the Co	sinesses from using pressure evenants, Conditions, and
<ul> <li>Provide education about wa</li> </ul>	ter conservation and available programs a	nd incentives.		
<ul> <li>To reduce stormwater runof family detached residences (two concrete strips with ve Comply with any applicable</li> </ul>	f, which typically bogs down wastewater and parking lots and driveways of multifa getation or aggregate in between) and/or t	treatment systems and increase mily residential uses with perv he use of porous concrete, pore	s their energy consump ious surfaces. Possible ous asphalt, turf blocks,	otion, construct driveways to single designs include Hollywood drives or pervious pavers.
Solid Weste Measures	water conservation ordinances.			
Reuse and recycle construct	ion and demolition waste (including, but	not limited to soil vegetation	concrete lumber meta	and cardboard)
Provide interior and exterior	r storage grass for recyclables and grash y	voste at all buildings.	concrete, runnoer, meta	, una curabouraj <del>.</del>
Provide adequate recycling	containers in public areas including park	v <del>asie at an oundings.</del>	and nedestrian zones is	n areas of mixed use development
Provide advection and public	eity shout reducing wasts and available r	s, school grounds, gon courses	and pedestrian zones i	n areas of mixed use developmen
Transportation and Motor Vel	hicles	ecyching services.		
-				
(No Action/No Project) (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimizatio
Beneficial) NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Im	Table 1-1 pacts and Mitigation Meas	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
<ul> <li>Promote ride</li> <li>adequate pass</li> <li>sharing).</li> </ul>	sharing program enger loading an	s and employment centers (e.g., by de d unloading zones and waiting areas f	signating a certain percentage of or ride share vehicles, and prov	f parking spaces for rid iding a Web site or mes	e sharing vehicles, designating sage board for coordinating ride
► Provide the ne	cessary facilitie	s and infrastructure in all land use type	es to encourage the use of low-	or zero emission vehick	es (e.g., electric vehicle charging
facilities and o	conveniently loc	ated alternative fueling stations).	-		
<ul> <li>At industrial a powered or po fossil fuel con</li> </ul>	nd commercial wered by biofue sumption.	and uses, all forklifts, "yard trucks," c els (such as biodiesel [B100]) that are j	r vehicles that are predominate produced from waste products,	l <del>y used on site at non re or shall use other techno</del>	sidential land uses shall be electri logies that do not rely on direct
Implementation:	The project a	pplicant(s) of all project phases.			
Timing:	Before appro	val of final maps and/or building perm	nits for all project phases requir	ng discretionary approv	al, including all on and off site
Enforcement:		m Community Development Departm	ent.		
participate in and p Ecosystems Institut harvestable remove trees that are subject increases carbon so funded by the proj applicant(s) and sh of the program share reforestation in suit woodland habitat v to assess this mitig nearest composting material should no	provide necessar the [Urban Fores ed trees is harve ect to removal, the equestration by a ect applicant(s) of hall be coordinate all be provided b table areas outsing while planting tre pation program (( g facility, or ship t be burned on-	y funding for urban and community for t Ecosystems Institute 2009]) in which sted for an end-use that would retain it are project applicant(s) shall develop an an amount equivalent to what would have of each development phase and review ed with the requirements of Mitigation y the City. Components of the program de the City. <u>Reforestation in natural have</u> es within the urban forest canopy wou CCAR 2008). All unused vegetation are oped to a landfill that is equipped with or off-site unless used as fuel in a bion	restry program (such as the Url to ensure that wood with an equation of the sequestration (e.g., fund a off-site tree program ave been sequestered by the blue red for comment by an independent Measure 3.3-5, as stated in Secons and may include, but not be limited abitat areas outside the City of 12 and tree material shall be mulched a methane collection system, of mass power plant.	banWood program mana <u>uivalent carbon seques</u> niture building, cabinet that includes a level of e oak woodland during lent Certified Arborist u ction 3A.3, "Biological d to, providing urban tr Folsom would simultand orestry Greenhouse Gas d for use in landscaping combusted in a biomas	aged by the Urban Forest <u>tration value to that of all from an</u> making). For all nonharvestable tree planting that, at a minimum, its lifetime. This program shall be maffiliated with the project Resources - Land." Final approva ee canopy in the City of Folsom, or <u>cously mitigate the loss of oak</u> is Reporting Protocol shall be used g on the project site, shipped to the spower plant. Tree and vegetative
Implementation:	The project	applicant(s) <del>of all project phases</del> for an	ny particular discretionary deve	lopment application.	
Timing:	Before appre- elements.	oval of final maps and/or building peri	nits for all project phases requi	ring discretionary appro	val, including all on- and off-site
Enforcement:	The City of	Folsom Community Development Dep	partment.		
(No Action/No Project (Centralized Develop	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial)	VI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

			Summary of Imp	Table 1-1 acts and Mit	gation Mea	asures	
			Impact	Lar	d/Water/GPA	A	Significance
			Mitigation				
OFF-SIT	E	mitication					
Significance after	Mitiga	miligation	measures are required.	t and unavoida	hle		
3B.4 CLIMATE (	CHAN	GE – WAT	ER	unu unuvonuu			
<b>3B.4-1: Generation</b> Construction and construction and constructin and construction and construction and construction and con	on of S operation enhous emissio	hort- and I on of the Of e gas emiss ns.	<b>Long-term Increases in Greenhouse</b> f-site Water Facility Alternatives wor ions, which would contribute conside	e <b>Gases.</b> uld result in a erably to	Water	<b>NCP, PA, 1, 1A, 2, 2A,</b> indirect PS	2B, 3, 3A, 4, and 4A: direct &
<ul> <li>during all construct</li> <li>1) Construction v timing of engi activities and</li> <li>2) Operators will such other mo</li> <li>3) On-site construction aware that the</li> <li>4) A City-approv Facilities that during construction waste and recy Implementation:</li> </ul>	etion an vehicle ines. Ec subject l turn o ore restr ruction es that v n to the use of ved Sol demon action a ycled m City Price	d demolitic s and equip puipment m to inspecti ff all constr- ictive time vehicles an would be vo City that v biodiesel is id Waste D strates the o and demolit naterials, an y of Folsom or to the app	on activities: ment will be properly maintained at a aintenance records and equipment de on by the SMAQMD. uction vehicles and equipment and al as may be required in law or regulati d equipment will use ARB-certified b bided if B20 biodiesel fuel were used. erifies whether any equipment is exer- sered required. iversion and Recycling Plan (or such liversion from landfills and recycling ion activities. The Plan or other docur d the procedures that will be followed. Utilities Department proval of grading plans and building r	Il times in acco sign specificati Il delivery vehic on. biodiesel fuel if Prior to issuan mpt; that a biod other documen of all nonhazan mentation shall d to ensure imp permits for all o	rdance with on data sheet les when no available (a ce of grading iesel supply ation to the dous, salvag include the ementation of ff-site water	manufacturer's specificat ts shall be kept on-site du t in use, and not allow idl minimum of B20, or 20 p g or demolition permits, th has been secured; and that satisfaction of the City) w geable and re-useable woo name of the waste hauler, of this measure.	ions, including proper tuning and ring construction and demolition ing for more than 5 minutes or for percent of biodiesel) except for the ne contractor shall provide at the construction contractor is will be in place for the Off-site Wa d, metal, plastic and paper produc their assumed destination for all
Enforcement:	1.	For impro	wements that would be located within ty Development Department and SM	n the City of Fo AQMD.	som: City of	f Folsom Neighborhood S	Services Department, City of Folso
	2.	For impro Developn	vements that would be located within nent Department and SMAQMD.	n unincorporate	d Sacramente	o County: Sacramento Co	ounty Planning and Community
	3.	For impro	wements that would be located within	n the City of Ra	ncho Cordov	va: City of Rancho Cordo	va Planning Department and
No Action/No Project Centralized Develop	t) ment)		NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (F PA (F	roposed Proje referred Off-s	ect) ite Water Facility Alternative	RIM (Resource Impact Minimizati e)
eneficial)	NI (No ir	npact)	LTS (Less than significant)	PS (Potential	/ significant)	S (Significant)	SU (Significant and unavoidable)

AECON	Table 1-1           Summary of Impacts and Mitigation Measures						
۸ ction	Impact Land/Water/GPA Significance						
	Mitigation						
	SMAQMD.						
	Mitigation Measure 3B.4-1b Prepare and Implement an Off-site Water Facilities Climate Action Plan. Prior to operation, the City shall have in place a Off site Water Facilities Climate Action Plan and Greenhouse Reduction Strategy (Plan) that has been adopted by the City following an opportunity for review and recommendation by the SMAQMD. At a minimum, the Plan shall include:						
	<ul> <li>Designation of Person Responsible for Implementation. The Plan shall designate the name and contact information of the person(s) responsible for ensuring continuous and on-going implementation of the Plan.</li> </ul>						
	<ul> <li>GHG Inventory and Reduction Target. The City shall prepare a complete GHG Inventory for the Offsite Water Facilities components within one year following occupancy and a GHG reduction target based on State guidance.</li> </ul>						
	<ul> <li>Off-site Water Facilities Design Features. The Off-site Water Facilities shall include design features to reduce operational GHG emissions, as well as an estimate of the reduction in GHG emissions that is expected to result from each facility. Initial measures that may be considered include, but are not limited to</li> </ul>						
	• design all conditioned occupancies with "cool roofs" using products certified by the Cool Roof Rating Council, and other exposed roof surfaces coated with "cool paints";						
	<ul> <li>design all conditioned occupancies to take advantage of shade through the planting of deciduous canopy-type trees and/or prevailing winds to reduce energy use;</li> </ul>						
1-80	• make maximum use of EnergyStar-qualified energy efficient appliances, heating and cooling systems, office equipment and lighting products;						
	• install a photovoltaic array (solar panels) or other source of renewable energy generation on-site, or otherwise acquire energy that has been generated by renewable sources to meet a portion of the electricity needs of the Offsite Water Facilities; and						
Folso	• in an effort to reduce GHG emissions from transportation sources, the bid specifications for the Offsite Water Facilities should require that bidders demonstrate that they have given preference to local sources of building materials or offer evidence to support why such local sources have not been use						
m So	Implementation: City of Folsom Utilities Department						
outh	Timing:Prior to the approval of grading plans and building permits for all off-site water facilities.						
of U.S.	Enforcement: 1. For improvements that would be located within the City of Folsom: City of Folsom Neighborhood Services Department, City of Folso Community Development Department and SMAQMD.						
Highw	<ol> <li>For improvements that would be located within unincorporated Sacramento County: Sacramento County Planning and Community Development Department and SMAQMD.</li> </ol>						
ay 50 S City	3. For improvements that would be located within the City of Rancho Cordova: City of Rancho Cordova Planning Department and SMAQMD.						
of F	Significance after Mitigation: significant and unavoidable						
ific Plan FEIR/I	P (No Action/No Project) DIM (Posource Impact Minimization						
FEIS	D (Centralized Development) RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)						
	(Beneficial)NI (No impact)LTS (Less than significant)PS (Potentially significant)S (Significant)SU (Significant and unavoidable)						

		Summary of Imp	Table 1-1 acts and Mitig	jation Me	asures	
		Impact	Lan	l/Water/GP/	ł	Significance
		Mitigation				
<b>3B.4-2: Effec</b> climate change part of the Off	ts of Climate Char e could result in effe -site Water Facility	<b>rge on the Off-site Water Supply Facil</b> exts on water quality or water supplies pr Alternatives.	ities. Global oposed as	Water	NCP, PA, 1, 1A, 2, 2A, 21 no indirect	<b>B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>and 4A</b> : Direct LTS,
NCP, PA, 1, 1	A, 2, 2A, 2B, 3, 3A	, 4, 4A: No mitigation measures are requ	uired.			
Significance a	fter Mitigation: Le	ss then Significant				
3A.5 CULTU	RAL RESOURCE	S – LAND				
<b>3A.5-1: Possil</b> <b>Era Cultural</b> <b>Related Activ</b> in the destruction that are potentiat	ble Destruction of of Resources from G ities. Construction a ion of or damage to ially eligible for or 1	or Damage to Known Prehistoric and E round-Disturbance or Other Construct activities during project implementation known prehistoric and historic-era cultu listed on the CRHR or NRHP.	Historic- tion- could result ral resources	Land	NP: direct PS, no indirect NCP, PP, CD, RHD: dire RIM: direct PS, no indirect	ect significant, no indirect et
resolving those and review at t authorization, ► For each c	e adverse effects as the California Office USACE shall satisf levelopment phase (	required under Section 106 of the NHPA e of Historic Preservation 1725 23rd Street y the requirements of Section 106 of the of the specific plan and associated Feder	A. This documer eet Sacramento, NHPA: A PA s al permits and a	t is incorpo CA 95816. all be prep uthorization	rated by reference. The PA For all action alternatives to pared that requires the followers, USACE, as the Federal (	is available for public inspection hat require Federal permitting and wing measures: Section 106 lead (or USACE
designee) Once SHF perform at (48 Federa same doet Guideline	shall prepare an AP PO, USACE, and oth n inventory for cultu al Register [FR] 447 ument shall evaluate s for Evaluation (48	E map and shall consult with the SHPO ner consulting parties agree on the project and resources in the phase specific APE (20-23) and submit this inventory to the identified resources for listing on the N FR 44723-26).	on the APE, as et-specific APE, consistent with SHPO and any RHP per the cri	described a USACE or the Secreta other releva ceria provid	bove. permit applicant (or design ry of the Interior's Standard nt consulting parties for rev ed above and the Secretary	nee, as directed by USACE) shall as and Guidelines for Identificatio view as required under the PA. Th of the Interior's Standards and
<ul> <li>Once the individent of the individe</li></ul>	inventory is comple dual development pl adverse effects, the These treatment mea de, but are not limit recovery of a suitab to capture their sigr	te, USACE (or designee, as directed by the set of the s	USACE) shall p by applying the ( e) shall prepare reatment plan pr ces where possil al sites that have storical themes.	repare a Fir Criteria of / treatment n epared for ele. Where ( the potenti Document	ading of Effect (FOE) to as Adverse Effect pursuant to 3 measures and protocols to m the specific project develop avoidance is not possible or al to contribute to research ation of historical resources	Seess the effect of the buildout of 36 CFR 800.5(a) (1). If the FOE inimize these impacts to the exten ment phase. Treatment measures feasible, treatment shall consist o , or 2) documentation of historic shall be performed according to
(No Action/No Pro (Centralized Devo	oject) elopment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Pi PA (Pi	oposed Proj eferred Off-s	ect) site Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially	significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 pacts and Mitigation Measu	res	
		Impact	Land/Water/GPA		Significance
		Mitigation			
the Historic An architecture or interpretive bro	merican Buildin engineered feat ochures, narrati	g Survey or Historic American Engine ures are subject to adverse effects. Wh re descriptions, and photographic docu	ering Record (HABS/HAER) sp ere appropriate, treatment plans mentation for the general public	ecifications or an equi may specify the prepa	valent standard when existing ration and circulation of
<ul> <li>A geoarchaeol likelihood for l off site elemen by USACE.</li> </ul>	ogical overview buried cultural o its that are consi	of the specific plan area may be stipul leposits. Focused geoarchaeological stu idered highly sensitive to determine if a	ated and implemented in the PA idies may be subsequently requi additional inventory or monitori	, as determined by US red for portions of the 1g should be performe	ACE, in order to assess the specific plan area and vicinity of d during construction as determin
<ul> <li>Resources that</li> </ul>	may be discove	ered inadvertently during construction	will be handled pursuant to 36 C	FR Part 800.13(b) ( <i>Di</i> .	scoveries without prior planning)
Mitigation for the optimized project phase with that mitigation is contact.	off site elements the affected ove onsistent with th	outside of the City of Folsom's jurisdirsight agency(ies) (i.e., El Dorado and/ Ne PA.	ctional boundaries must be coor for Sacramento Counties, and Ca	dinated by the project lltrans) in coordination	applicant(s) of each applicable with USACE and SHPO to ensur
Implementation:	USACE (or	designee) and the project applicant(s) of	of all project phases (as directed	by USACE)	
Timing:	The PA shal specific plar <del>prior to any Implemental provided that of the resourt occur shall t</del>	I be prepared and executed (signed) pro project. Preparation of the phase spec ground disturbing work in the APE for ion of treatment measures for identifie at no ground disturbing work is perforn are as determined by USACE, prior to a be determined based upon the nature of	or to issuance of any Federal pe ific APE and inventory and eval any Federal permitting or author d historic properties may be per- ned in the vicinity of resources s completion of all treatment mean the resource the potential for ou	rmit or authorization for uation of properties with prization of individual of formed during construc- ubject to adverse effect sures. The exact radius stlying undiscovered el	or any aspect or component of the ithin the APE shall be performed development phases. stion and ground disturbing work ts and within an appropriate radiu in which construction shall not ements of that resource.
Enforcement:	USACE and	the project applicant(s) of all project p	hases (as directed by USACE),	with oversight by the S	SHPO.
Mitigation Measu Avoid Damage or listed on the CRHR performed for Sect that apply under CI Folsom, El Dorado following actions:	re 3A.5-1b: Per Destruction, and R under CEQA r ion 106 provide EQA. Prior to gr County, Sacrar	rform an Inventory and Evaluation of and Perform Treatment Where Dama nirrors management steps required und d that management documents prepare cound-disturbing work for each individ nento County, or Caltrans), or the proje	<b>of Cultural Resources for the C</b> <b>ge or Destruction Cannot be</b> A er Section 106. These steps may d for the PA also clearly referen- ual development phase or off-sit ect applicant(s) of all project pha	<b>California Register of</b> <b>voided.</b> Management be combined with del ce the CRHR listing cr e element, the applical ses, with applicable ag	Historic Places, Minimize or of cultural resources eligible for of iverables and management steps iteria and significance thresholds ble oversight agency (City of gency oversight, shall perform the
<ul> <li>Retain the serve subject to appresensitive for un the location of be damaged by</li> </ul>	vices of a qualificoval under CEQ ndiscovered cult monitoring of g construction, i	ed archaeologist to perform an invento A. Identified resources shall be evalua tural resources based upon the location ground-disturbing work in these areas b f appropriate. The identification of sense	ry of cultural resources within e ted for listing on the CRHR. Th of known resources, geomorpho y a qualified archaeologist, and sitive locations subject to monito	ach individual develop e inventory report shal ology, and topography. monitoring in the vicin oring during construction	ment phase or off-site element l also identify locations that are The inventory report shall specify nity of identified resources that ma on of each individual developmen
? (No Action/No Project) ) (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimizatio
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Summary of	Table 1-1 f Impacts and Mitigation Measures			
	Impact	Land/Water/GPA	Significance		
	Mitigation				
phase shall be	e performed in concert with monitoring activities pr	erformed under the PA to minimize the potenti	ial for conflicting requirements.		
<ul> <li>For each reso discretionary individual pro reviewed by t</li> </ul>	urce that is determined eligible for the CRHR, the a <u>development</u> (under the agency's direction) shall o oject development <del>phase</del> would result in damage or he applicable agency for consistency with the sign	applicable agency or the project applicant(s) or obtain the services of a qualified archaeologist destruction of "significant" (under CEQA) cu ificance thresholds and treatment measures pro-	fall project phases for any particular who shall determine if implementation of the ltural resources. These findings shall be ovided in this EIR/EIS.		
<ul> <li>Where possibility in place if possibility circumstances</li> </ul>	le, the project shall be configured or redesigned to ssible, as suggested under California Public Resour s under the Public Resource Code and 36 CFR Part	avoid impacts on eligible or listed resources. A resources Code Section 21083.2. <u>Avoidance of histors 800.</u>	Alternatively, these resources may be preserve ric properties is required under certain		
Where impacts cannot be avoided, the applicable agency or the project applicant(s) of all project phases (under the applicable agency's direction) shall prepare and implement treatment measures that are determined to be necessary by a qualified archaeologist. These measures may consist of data recovery excavations for resources that are eligible for listing because of the data they contain (which may contribute to research). Alternatively, for historical architectural, engineered, or landscape features, treatment measures may consist of a preparation of interpretive, narrative, or photographic documentation. These measures shall be reviewed by the applicable oversight agency for consistency with the significance thresholds and standards provided in this EIR/EIS.					
• To support the evaluation and treatment required under this mitigation measure, the archaeologist retained by either the applicable oversight agency or the project applicant(s) of all project phases shall prepare an appropriate prehistoric and historic context that identifies relevant prehistoric, ethnographic, and historic themes and research questions against which to determine the significance of identified resources and appropriate treatment.					
<ul> <li>These steps an inconsistency</li> </ul>	nd documents may be combined with the phasing c and duplicative management efforts.	of management and documents prepared pursua	ant to the PA to minimize the potential for		
Mitigation for the project phase with	off-site elements outside of the City of Folsom's ju the affected oversight agency(ies) (i.e., El Dorado	urisdictional boundaries must be coordinated b and/or Sacramento Counties, or Caltrans).	y the project applicant(s) of each applicable		
Implementation:	The applicable oversight agency and the projec	et applicant(s) (at the agency's direction) of all	project phases		
Timing:	Before issuance of building permits and ground	d-disturbing activities.			
Enforcement:	1. For all project-related improvements that Department.	would be located within the City of Folsom: C	ity of Folsom Community Development		
2. For the two roadway connections in El Dorado Hills: El Dorado County Development Services Department.					
	3. For the detention basin west of Prairie Cit	ty Road: Sacramento County Planning and Con	mmunity Development Department.		
		a. Caltura			
	4. For the U.S. 50 interchange improvement	s: Canrans.			
RIM: Implement	4. For the U.S. 50 interchange improvement Mitigation Measures 3.53A.5-1a and 3.53A.5-1b.	s. Califans.			

1-83

AECOM Revisions to the DEIR/DEIS

		Summary of Imp	Table 1-1 acts and Mitigation Meas	ures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
3A.5-2: Possible I Resources from ( Construction activ or damage to "sign	Destruction of Ground-Distur vities during pro nificant" (under	or Damage to Previously Undiscovered bance or Other Construction-Related A ject implementation could result in the de CEQA) undiscovered cultural resources.	Cultural Land N Activities. Estruction of	P, NCP, PP, RIM, CD,	RHD: direct PS, no indirect
NP: No mitigation	n measures are r	equired.			
<ul> <li>NCP, PP, RIM, C</li> <li>if Cultural Resourt</li> <li>to previously undit</li> <li>Before the state construction of the sources and the sources are sources a</li></ul>	<b>CD, RHD: Miti</b> inces are Discovered culturation is covered culturation of ground-dis workers as necession of the second culturation of the second c	gation Measure 3A.5-2: Conduct Cons vered, Assess the Significance of the Final resources, the project applicant(s) of all sturbing activities, the project applicant(s) ssary based upon the sensitivity of the pro- f the proper procedures should cultural re-	truction Personnel Education and Perform Treatment l project phases shall do the f of all project phases shall re bject <u>APE</u> , to educate them all sources be encountered	on, Conduct On-Site Mo or Avoidance as Requi following: tain a qualified archaeolo bout the possibility of end	onitoring if Required, Stop Won ired. To reduce potential impacts ogist to conduct training for countering buried cultural
<ul> <li>As a result of elements shou monitoring in</li> </ul>	the work conduction of the work conduction of the monitored the locations sports of the locations sports of the locations sports of the locations sports of the location of th	cted for Mitigation Measures 3A.5-1a and for potential discovery of as-yet-unknown ecified by the archaeologist. <u>USACE shou</u>	3A.5-1b, if the archaeologist on cultural resources, the project ld review and approve any rec	determines that any portion t applicant(s) of all project commendations by archae	on of the SPA or the off-site ct phases shall implement such cologists with respect to monitorin
<ul> <li>Should any cu construction a immediately. assess the sign CRHR or NR The oversight shall implement</li> </ul>	altural resources activities, work a The appropriate nificance of the HP and it would agency shall be ent the approved	s, such as structural features, unusual amo shall be suspended in the vicinity of the f e oversight agency(ies) shall retain a qual find by evaluating the resource for eligib d be subject to disturbance or destruction, e responsible for approval of recommend mitigation before resuming construction	unts of bone or shell, artifact ind and the appropriate overs ified archaeologist who shall ility for listing on the CRHR the actions required in Mitig ed mitigation if it is determine activities at the archaeologic	s, or architectural remain ight agency(ies) (identific conduct a field investiga and the NRHP. If the res ation Measures 3A.5-1a ed to be feasible in light al site.	ns be encountered during any ed below) shall be notified tion of the specific site and shall source is eligible for listing on the and 3A.5-1b shall be implemente of the approved land uses, and
Mitigation for the project phase with	off-site element the affected ov	ts outside of the City of Folsom's jurisdic ersight agency(ies) (i.e., El Dorado and/c	tional boundaries must be co r Sacramento Counties, or Ca	ordinated by the project a altrans).	applicant(s) of each applicable
Implementation:	Project appl	icant(s) of all project phases.			
Timing:	Before and o	during ground-disturbing activities.			
Enforcement:1.For actions taken to satisfy the requirements of Section 106: the SHPO and USACE.2.For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.3.For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.4.For the detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.					
	5. For the	e U.S. 50 interchange improvements: Cal	rans.		
Significance after	· Mitigation: po	tentially significant and unavoidable			
P (No Action/No Projec D (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization
(Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

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<sup>-</sup> olson City of		
n Sou Folsc		
th of I om an		
U.S. Highwi Id USACE	3A.5-3: Possible D Construction. Gro buried human skele	<b>Destruction</b> of und-disturbited at the second structure of the second structu
ay 50 Specific Plan FEIR/FEIS	NP, NCP, PP, RIN Safety Code Proce including those ass the find and notify coroner is required and Safety Code Se 24 hours of making After the coroner's disposition of the r	A, CD, RHE edures. In ac ociated with the applicab to examine a ection 7050.5 g that determ findings are emains and t
1-85	Upon the discovery identification of an cultural or archaeol The MLD shall hav remains may be dis other culturally app beyond the initial 4 applicant(s) shall cu	v of Native A MLD shall logical stand ve at least 48 ccussed: none propriate trea 8 hours to al omply with o
Revisions to the DE	<ul> <li>record the site</li> <li>use an open-sp</li> <li>record a docum</li> <li>The project applicate appropriate dignity</li> <li>make a recommender in a location not sure landowner. Ground</li> <li>Mitigation for the comproject phase with</li> <li>Implementation: P</li> </ul>	with the NA pace or conse nent with the ent(s) or its a on the propo- lation within bject to furth disturbance off-site element the affected project applic
AECOM IR/DEIS	NP (No Action/No Project) CD (Centralized Developn	nent)
	B (Beneficial)	II (No impact)

	Tal Summary of Impacts	ble 1-1 and Mitigation Mea	Isures	
	Impact	Land/Water/GPA		Significance
	Mitigation			
<b>3A.5-3: Possible Destruction of</b> <b>Construction.</b> Ground-disturbing buried human skeletal remains.	or Damage to Interred Human Remains du activities could inadvertently disinter and/or of	<b>ring</b> Land destroy	NP, NCP, PP, RIM, CI significant, no indirect	<b>D, RHD:</b> direct & potentially
NP, NCP, PP, RIM, CD, RHD: Safety Code Procedures. In acco including those associated with of the find and notify the applicable coroner is required to examine all and Safety Code Section 7050.5[b 24 hours of making that determine	Suspend Ground-Disturbing Activities if He ordance with the California Health and Safety of f-site elements, the project applicant(s) of all p county coroner and a professional archaeologic discoveries of human remains within 48 hour o]). If the coroner determines that the remains ation (California Health and Safety Code Section	uman Remains are Ex Code, if human remain project phases shall im st skilled in osteologic s of receiving notice of are those of a Native A ion 7050[c]).	acountered and Comply is are uncovered during g mediately halt all ground al analysis to determine to f a discovery on private content and the or she must	y with California Health and pround-disturbing activities, l-disturbing activities in the area of the nature of the remains. The or public lands (California Health contact the NAHC by phone within
After the coroner's findings are co disposition of the remains and tak a discovery of Native American h	omplete, the project applicant(s), an archaeolo e appropriate steps to ensure that additional hu uman remains are identified in Section 5097.9	gist, and the NAHC-de uman interments are no of the California Publ	signated MLD shall dete of disturbed. The respons lic Resources Code.	ermine the ultimate treatment and ibilities for acting on notification of
Upon the discovery of Native Am identification of an MLD shall be cultural or archaeological standar The MLD shall have at least 48 he remains may be discussed: nonde other culturally appropriate treatm beyond the initial 48 hours to allo applicant(s) shall comply with on	erican remains, the procedures above regardin followed. The project applicant(s) of all proje ds and practices) is not damaged or disturbed b ours after being granted access to the site to in structive removal and analysis, preservation in nent. As suggested by Assembly Bill (AB) 264 w for the discovery of additional remains. AB e or more of the following requirements:	g involvement of the a ct phases shall ensure by further developmen spect the site and make place, relinquishment 11 (Chapter 863, Statut 2641(e) includes a list	pplicable county coronent that the immediate vicini t activity until consultations. A ra- of the remains and assocration test of 2006), the concernent t of site protection measu	r, notification of the NAHC, and ty (according to generally accepted on with the MLD has taken place. nge of possible treatments for the stated items to the descendants, or ed parties may extend discussions res and states that the project
<ul> <li>record the site with the NAH</li> <li>use an open-space or conserv</li> <li>record a document with the c</li> </ul>	C or the appropriate Information Center, ation zoning designation or easement, or ounty in which the property is located.			
The project applicant(s) or its authappropriate dignity on the propert make a recommendation within 4 in a location not subject to further landowner. Ground disturbance in	norized representative of all project phases sha y in a location not subject to further subsurfac 8 hours after being granted access to the site. To disturbance if it rejects the recommendation of the zone of suspended activity shall not recom	Il rebury the Native A e disturbance if the NA The project applicant(s of the MLD and media nmence without autho	merican human remains a AHC is unable to identify ) or its authorized represe tion by the NAHC fails t rization from the archaec	and associated grave goods with an MLD or if the MLD fails to entative may also reinter the remains o provide measures acceptable to the ologist.
Mitigation for the off-site elemen project phase with the affected ov Implementation: Project applicar	ts outside of the City of Folsom's jurisdictiona ersight agency(ies) (i.e., El Dorado and/or Sac tt(s) of all project phases.	l boundaries must be c cramento Counties, or (	coordinated by the projec Caltrans).	t applicant(s) of each applicable
No Action/No Project) Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proje PA (Preferred Off-s	ect) ite Water Facility Alternative	RIM (Resource Impact Minimization)

PS (Potentially significant)

S (Significant)

LTS (Less than significant)

SU (Significant and unavoidable)

		Summary of	Impacts and Mitigation N	Measures	
		Impact	Land/Water/	GPA	Significance
		Mitigation			
Timing:	Upo	n the discovery of suspected human remain	18.		
Enforcement:	1.	For all project-related improvements that Department.	would be located within the C	City of Folsom: C	ity of Folsom Community Development
	2.	For the two roadway connections in El De	orado Hills: El Dorado County	/ Development S	ervices Department.
	3.	For the detention basin west of Prairie Cit	y Road: Sacramento County I	Planning and Cor	nmunity Development Department.
	4.	For the U.S. 50 interchange improvement	s: Caltrans.		
Significance after	Mitiga	tion: less than significant			
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP.	estruc estruc es fron ction a result i resou	<b>DURCES – WATER</b> <b>tion of or Damage to Known Prehistoric</b> <b>a Ground-Disturbance or Other Constru</b> ctivities associated with the Off-site Water n the destruction of or damage to known purces that are potentially eligible for or lister	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or	NCP, PA, 1, significant &	<b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> potentially no indirect
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP. NCP, PA, 1, 1A, 2 Implement Mitigati Avoid Damage or I	<b>RES</b> estruction a ction a result i resou , 2A, 2 on Me Destruction	tion of or Damage to Known Prehistoric of Ground-Disturbance or Other Constru- ctivities associated with the Off-site Water n the destruction of or damage to known pur- rces that are potentially eligible for or lister B, 3, 3A, 4, & 4A: Implement Mitigation asure 3A.5-1b: Perform an Inventory and F ction, and Perform Treatment Where Dama	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided.	<ul> <li>1A, 2, 2A, 2B, 3, 3A, 4, and 4A: potentially no indirect</li> <li>nplement a Programmatic Agreement.</li> <li>rnia Register of Historic Places, Minimize of Comparison of Compa</li></ul>
<ul> <li>3B.5 CULTURAL</li> <li>3B.5-1: Possible D</li> <li>Cultural Resource</li> <li>Activities. Constru</li> <li>Alternatives could</li> <li>historic-era cultura</li> <li>NRHP.</li> <li>NCP, PA, 1, 1A, 2</li> <li>Implement Mitigati</li> <li>Avoid Damage or I</li> <li>Implementation:</li> </ul>	estruc s fron ction a result i resou , 2A, 2 on Me Destruc Cit	<b>DURCES – WATER</b> <b>tion of or Damage to Known Prehistoric</b> <b>a Ground-Disturbance or Other Constru</b> ctivities associated with the Off-site Water n the destruction of or damage to known purces that are potentially eligible for or lister <b>B, 3, 3A, 4, &amp; 4A: Implement Mitigation</b> asure 3A.5-1b: Perform an Inventory and Herton, and Perform Treatment Where Dama y of Folsom Utilities Department	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided.	<b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> potentially no indirect <b>nplement a Programmatic Agreement.</b> rnia Register of Historic Places, Minimize o
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP. NCP, PA, 1, 1A, 2 Implement Mitigati Avoid Damage or I Implementation: Timing:	<b>RES</b> estruction a result in resoult on Me Destruction City Prior	tion of or Damage to Known Prehistoric of Ground-Disturbance or Other Constru- ctivities associated with the Off-site Water n the destruction of or damage to known pur- reses that are potentially eligible for or lister B, 3, 3A, 4, & 4A: Implement Mitigation asure 3A.5-1b: Perform an Inventory and F etion, and Perform Treatment Where Dama y of Folsom Utilities Department or to completion of final design and start of	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided.	<b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> potentially no indirect <b>nplement a Programmatic Agreement.</b> rnia Register of Historic Places, Minimize o
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP. NCP, PA, 1, 1A, 2 Implement Mitigati Avoid Damage or I Implementation: Timing: Enforcement:	estruces from ction a result i resou 2A, 2 on Me Destruce City Price 1.	tion of or Damage to Known Prehistoric of Ground-Disturbance or Other Constru- ctivities associated with the Off-site Water n the destruction of or damage to known pur- rces that are potentially eligible for or lister <b>B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp; 4A: Implement Mitigation</b> asure 3A.5-1b: Perform an Inventory and H etion, and Perform Treatment Where Dama y of Folsom Utilities Department or to completion of final design and start of For actions taken to satisfy the requireme	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided. and USACE.	<b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> potentially no indirect <b>nplement a Programmatic Agreement.</b> rnia Register of Historic Places, Minimize o
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP. NCP, PA, 1, 1A, 2 Implement Mitigati Avoid Damage or I Implementation: Timing: Enforcement:	<b>RES</b> estruction a result in resoult on Me Destruction City Prior 1. 2.	tion of or Damage to Known Prehistoric of Ground-Disturbance or Other Constru- ctivities associated with the Off-site Water n the destruction of or damage to known pur- reses that are potentially eligible for or lister B, 3, 3A, 4, & 4A: Implement Mitigation asure 3A.5-1b: Perform an Inventory and F etion, and Perform Treatment Where Dama y of Folsom Utilities Department or to completion of final design and start of For actions taken to satisfy the requireme For all project-related improvements that Department.	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A Construction ints of Section 106: the SHPO would be located within the C	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided. and USACE. City of Folsom: C	<b>1A, 2, 2A, 2B, 3, 3A, 4, and 4A:</b> potentially no indirect <b>nplement a Programmatic Agreement.</b> rnia Register of Historic Places, Minimize o ity of Folsom Community Development
3B.5 CULTURAL 3B.5-1: Possible D Cultural Resource Activities. Constru Alternatives could historic-era cultura NRHP. NCP, PA, 1, 1A, 2 Implement Mitigati Avoid Damage or I Implementation: Timing: Enforcement:	estruces from ction a result i resou 2A, 2 on Me Destruce City Prid 1. 2. 3.	<ul> <li><b>DURCES – WATER</b></li> <li><b>tion of or Damage to Known Prehistoric</b></li> <li><b>a Ground-Disturbance or Other Constru</b></li> <li>ctivities associated with the Off-site Water</li> <li>n the destruction of or damage to known present that are potentially eligible for or lister</li> <li><b>B, 3, 3A, 4, &amp; 4A: Implement Mitigation</b></li> <li>asure 3A.5-1b: Perform an Inventory and Fetion, and Perform Treatment Where Dama</li> <li>y of Folsom Utilities Department</li> <li>or to completion of final design and start of For actions taken to satisfy the requirement</li> <li>For all project-related improvements that Department.</li> <li>For off-site improvements within unincor and Community Development Department</li> </ul>	and Historic-Era Water ction-Related Facility rehistoric and d on the CRHR or Measure 3A.5-1a: Prepare, Evaluation of Cultural Resource ge or Destruction Cannot be A Construction ints of Section 106: the SHPO would be located within the C porated Sacramento County and t or City of Rancho Cordova	NCP, PA, 1, significant & Execute, and In ces for the Califo Avoided. and USACE. City of Folsom: C nd the City of Ra Planning Departr	<ul> <li>1A, 2, 2A, 2B, 3, 3A, 4, and 4A: potentially no indirect</li> <li>no indirect</li> <li>nplement a Programmatic Agreement.</li> <li>rnia Register of Historic Places, Minimize of Historic Places, Minimize of Folsom Community Development</li> <li>ncho Cordova: Sacramento County Planning nent.</li> </ul>

		Sumr	-Table 1 nary of Impacts and M	1 /itigation Me	asures	
		Impact		Land/Water/GP	A	Significance
		Mitigation				
<b>3B.5-2: Possible D</b> <b>Resources from G</b> Construction activi or damage to "sign	estruc round ties du	ction of or Damage to Previously I I-Disturbance or Other Construct tring project implementation could n " (under CEQA) undiscovered cultu	Undiscovered Cultural ion-Related Activities. result in the destruction o iral resources.	Water	NCP, PA, 1, 1A, 2, 2A, 2J no indirect	<b>B, 3, 3A, 4, and 4A:</b> direct PS &
PA., 1, 1A, 2, 2A, 2 Required, Stop W	2B, 3, ork if	3A, 4, & 4A: Implement Mitigatio Cultural Resources are Discover	on Measure 3A.5-2: Con ed, Assess the Significan	duct Constru ce of the Find	ction Personnel Education , and Perform Treatment (	, Conduct On-Site Monitoring or Avoidance as Required.
Implementation:	Cit	y of Folsom Utilities Department				
Timing:	Pri	or to completion of final design and	start of construction			
Enforcement:	1.	For actions taken to satisfy the rec	uirements of Section 106	: the SHPO an	d USACE.	
	2.	For all project-related improveme Department.	nts that would be located	within the City	y of Folsom: City of Folsom	Community Development
	3.	For off-site improvements within and Community Development De	unincorporated Sacramer partment or City of Ranc	to County and ho Cordova Pla	the City of Rancho Cordova anning Department.	a: Sacramento County Planning
Significance after	Mitiga	tion: less than significant				
<b>3B.5-3: Possible D</b> <b>Construction.</b> Gro buried human skele	estruc und-di etal rer	ction of or Damage to Interred Hu isturbing activities could inadverten nains	uman Remains during tly disinter and/or destroy	Water	NCP, PA, 1, 1A, 2, 2A, 2I significant & no indirect	B, 3, 3A, 4, and 4A: direct
NCP, PA, 1, 1A, 2 Encountered and	, 2A, 2 Comp	B, 3, 3A, 4, & 4A: Implement Mit ly with California Health and Saf	tigation Measure 3A.5-3 ety Code Procedures.	: Suspend Gr	ound-Disturbing Activities	s if Human Remains are
Implementation:	City	of Folsom Utilities Department				
Timing:	Bef	ore issuance of building permits and	l ground-disturbing activ	ities.		
Enforcement:	1.	For actions taken to satisfy the rec	uirements of Section 106	: the SHPO an	d USACE.	
	2.	For all project-related improveme Department.	nts that would be located	within the City	y of Folsom: City of Folsom	Community Development
	3.	For off-site improvements within and Community Development De	unincorporated Sacramer partment or City of Ranc	to County and ho Cordova Pla	the City of Rancho Cordova anning Department.	a: Sacramento County Planning
Significance after	Mitiga	ttion: less than significant				
No Action/No Project)	nent)	NCP (No USACE Permit) RHD (Reduced Hillside D	Plevelopment) Pl	P (Proposed Pro A (Preferred Off-	ject) site Water Facility Alternative)	RIM (Resource Impact Minimizat
eneficial) N	II (No ir	mpact) LTS (Less than signific	ant) PS (Poten	tially significant)	S (Significant)	SU (Significant and unavoidable)

AECOM Introduction
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Table 1-1 Summary of Impacts and Mitigation Measures						
Impact	Land/Water/GP	A Significance				
Mitigation						
3A.6 ENVIRONMENTAL JUSTICE – LAND						
<b>3A.6-1: Potential Effects on Minority Populations.</b> Project implementation would not create a disproportionate placement of adverse environmental impacts on minority communities.	Land	NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct LTS, no indirect				
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.						
Significance after Mitigation: less than significant						
<b>3A.6-2: Potential Effects on Low-Income Populations.</b> Project implementation would not create a disproportionate placement of adverse environmental impacts on low-income populations.	Land	NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct LTS, no indirect				
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.						
Significance after Mitigation: less than significant						
3B.6 ENVIRONMENTAL JUSTICE – WATER						
<b>3B.6-1: Potential Effects on Minority Populations.</b> Implementation of the Off-site Water Facility Alternatives would not create a disproportionate placement of adverse environmental impacts on minority communities.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct LTS no indirect ( <i>operation</i> )				
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: No mitigation measures required. Significance after Mitigation: less than significant						
<b>3B.6-2: Potential Effects on Low-Income Populations.</b> Project implementation would not create a disproportionate placement of adverse environmental impacts on low-income populations.	Water	NCP, PA, 1, 1A, 2B: no direct or indirect 2, 2A, 3, 3A, 4, and 4A: direct LTS & no indirect				
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: No mitigation measures required.						
Significance after Mitigation: less than significant						

	Table Summary of Impacts and	1-1 I Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
3A.7 GEOLOGY, SOILS, MI	NERALS, AND PALEONTOLOGICAL RESOU	IRCES - LAND	
<b>3A.7-1: Possible Risks to Peop</b> <b>Ground Shaking.</b> The SPA is lo however, structures in the SPA of earthquake along active faults in	<b>le and Structures Caused by Strong Seismic</b> bocated in an area of generally low seismic activity; bould be subject to seismic ground shaking from an Lake Tahoe.	Land NP, NCI	ON- & OFF-SITE P, PP, RIM, CD, RHD: direct, PS, No indirect
<b>ON- &amp; OFF-SITE</b> <b>NP:</b> No mitigation measures are	required.		
Recommendations. Before buil phase shall hire a licensed geote submitted for review and approv make recommendations on the f	ding permits are issued and construction activities l chnical engineer to prepare a final geotechnical sub ral to the appropriate City or county department (ide following:	begin any project developme surface investigation report entified below). The final ge	ent phase, the project applicant(s) of each project for the on- and off-site facilities, which shall be eotechnical engineering report shall address and
<ul> <li>soil bearing capacity;</li> <li>appropriate sources and typ</li> <li>potential need for soil amen</li> <li>road, pavement, and parking</li> <li>structural foundations, inclu</li> <li>grading practices;</li> </ul>	es of fill; dments; g areas; ding retaining-wall design;		
<ul> <li>soil corrosion of concrete an</li> <li>erosion/winterization;</li> <li>seismic ground shaking;</li> <li>liquefaction; and</li> <li>expansive/unstable soils.</li> </ul>	nd steel;		
In addition to the recommendati conditions, and shall determine a permits are applied for. All reco project phase. Special recommen- before construction begins. Desi engineering inspection and certi	ons for the conditions listed above, the geotechnica appropriate foundation designs that are consistent we mmendations contained in the final geotechnical en indations contained in the geotechnical engineering gn and construction of all new project development fication that earthwork has been performed in confe	I investigation shall include with the version of the CBC to gineering report shall be im report shall be noted on the shall be in accordance with prmity with recommendation	subsurface testing of soil and groundwater that is applicable at the time building and grading plemented by the project applicant(s) of each grading plans and implemented as appropriate in the CBC. The project applicant(s) shall provide ns contained in the geotechnical report.
No Action/No Project) Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water F	RIM (Resource Impact Minimizat Facility Alternative)

		Summary	Table 1-1 of Impacts and Mitigati	on Measures		
		Impact	Land/Wa	iter/GPA		Significance
		Mitigation				
Mitigation Measu engineer retained b fill, and disposal o	ore 3A.7 by the professional of the profession o	7-1b: Monitor Earthwork during Ear roject applicant(s) of each project phase ials removed from and deposited on bot	thmoving Activities. All ear e. The geotechnical or soils e h on- and off-site construction	thwork shall be ngineer shall pi n areas.	e monitored by a qu ovide oversight du	alified geotechnical or soils ring all excavation, placement of
Mitigation for the project phase with	off-site the affe	elements outside of the City of Folsom ected oversight agency(ies) (i.e., El Dor	's jurisdictional boundaries n ado and/or Sacramento Cour	nust be coordin ties, or Caltran	ated by the project s).	applicant(s) of each applicable
Implementation:	Proj	ect applicant(s) of all project phases.				
Timing:	Befc	ore issuance of building permits and gro	und-disturbing activities.			
Enforcement:	1.	For all project-related improvements the Department.	hat would be located within t	he City of Fols	om: City of Folson	n Community Development
	2.	For the two off-site roadway connection	ons from Folsom Heights into	El Dorado Hi	lls: El Dorado Cou	nty Public Works Department.
	3.	For the off-site detention basin west of	Prairie City Road: Sacrame	nto County Plan	nning and Commur	nity Development Department.
	4.	For the U.S. 50 interchange improvem	ents: Caltrans.			
Significance after	Mitigat	tion: less than significant				
3A.7-2: Seismical Liquefaction. Cor	ly-Indunstruction	<b>ced Risks to People and Structures C</b> on activities would not occur in areas su <b>RHD:</b> No mitigation measures are requ	<b>Saused by</b> Lan bject to liquefaction.	d NP, No	ON- & OFF-SI CP, PP, RIM, CD,	<b>FE</b> , <b>RHD:</b> direct LTS, no indirect
Significance after	Mitigat	tion: less than significant	incu.			
<b>3A.7-3: Construct</b> implementation we and water erosion	<b>tion-Re</b> ould inv hazard a	<b>lated Erosion.</b> Construction activities of volve grading and movement of earth in and on steep slopes.	during project Lan soils subject to wind	d NP, N	ON- & OFF-SI CP, PP, RIM, CD,	TE , RHD: direct, PS, no indirect
<b>ON- &amp; O</b> <b>NP:</b> No mitigation	FF-SIT	TE res are required.				
ON- & O NCP, PP, RIM, O permits are issued, to prepare a gradin grading permits fo state's NPDES per	<b>OFF-SIT</b> <b>(D, RHI</b> ) the pro- ng and e r all new rmit, and	<b>TE</b> <b>D: Mitigation Measure 3A.7-3: Prepa</b> oject applicant(s) of each project phase to rosion control plan. The grading and erow w development. The plan shall be consist d shall include the site-specific grading	re and Implement the App hat would be located within osion control plan shall be su stent with the City's Grading associated with developmen	ropriate Grad the City of Fols bmitted to the Ordinance, the for all project	<b>ing and Erosion C</b> som shall retain a C City Public Works city's Hillside De phases.	<b>Control Plan.</b> Before grading California Registered Civil Engine Department before issuance of evelopment Guidelines, and the
For the two off-site	e roadw	ays into El Dorado Hills, the project ap	plicant(s) of that phase shall	retain a Califor	nia Registered Civ	il Engineer to prepare a grading
(No Action/No Project (Centralized Developi	:) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Devel	PP (Propo ppment) PA (Prefer	sed Project) red Off-site Wate	r Facility Alternative)	RIM (Resource Impact Minimization
eneficial)	NI (No im	pact) LTS (Less than significant)	PS (Potentially sign	ificant) S	(Significant)	SU (Significant and unavoidable)

Impact         Land/Water/GPA         Significance           Mitigation         and erosion control plan. The grading and erosion control plan shall be submitted to the El Dorado County Public Works Department and the El Dorado OG         Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, and shall include the site-specific grading associated with roadway           Gevelopment.         For the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading amore, and be state samento Country's Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, and shall include the site-specific grading associated with construction of the detention basin.           Tor the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading amore.           For the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading amore. The Plans hall be consistent with Sacramento Country's Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, an shall include the site-specific grading associated with construction of the detention basin.           The plans referenced above shall include the location, implementation schedule, and maintenance schedule of all erosion and sediment control measures, a description of the location and methods of storage disposal of construction materials. Erosion and sediment control measures to minimize trackout (control dust) is commoly achieved by installing filter fabric and crushed rock to a depth of approximately 1 foot. The project	and erosion control p Community Service I		Impact			
Mitigation           and erosion control plan. The grading and erosion control plan shall be submitted to the El Dorado County Public Works Department and the El Dorado Chills. Community Service District before issuance of grading permits for roadway construction in El Dorado Hills. The plan shall be consistent with El Dorado Cou Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, and shall include the site-specific grading associated with roadway development.           For the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading and erosion control plan. The grading and erosion control plan shall be submitted to the Sacramento County's Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, an shall include the site-specific grading associated with construction of the detention basin.           The plans referenced above shall include the location, implementation schedule, and maintenance schedule of all erosion and sediment control measures, a description of measures designed to control dust and stabilize the construction-site road and entrance, and a description of the location and methods of storage disposal of construction stabilization of construction entrance is on an description of retaining walls and reseeding with vegetation after construction. Stabilization of construction materials. Erosion and sediment control measures slopes could include construction of retaining walls and reseeding with vegetation and deposition of scavated materials.           Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries must be coordinated by the project applicant(s) of each applicant(s) is all encures.           Mitigation for the off-site elements outside of the City	and erosion control p Community Service I			Land/Water/GPA		Significance
and erosion control plan. The grading and erosion control plan shall be submitted to the El Dorado County Public Works Department and the El Dorado Hills Community Service District before issuance of grading permits for roadway construction in El Dorado Hills. The plan shall be consistent with El Dorado Co Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, and shall include the site-specific grading associated with roadway development. For the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading and erosion control plan. The grading and erosion control plan shall be submitted to the Sacramento County Public Works Department before issuanc grading permit. The plan shall be consistent with Sacramento County's Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, an shall include the site-specific grading associated with construction of the detention basin. The plans referenced above shall include the location, implementation schedule, and maintenance schedule of all erosion and sediment control measures, a description of measures designed to control dust and stabilize the construction-site road and entrance, and a description of the location and methods of storagy disposal of construction materials. Erosion and sediment control measures could include the use of detention basins, berms, swales, wattles, and silt fencing, ic covering or watering of stockpiled soils to reduce wind erosion. Stabilization on steep slopes could include construction of retaining walls and reseeding with vegetation after construction. Stabilization of construction entrances to minimize trackout (control dust) is commonly achieved by installing filter fabric and crushed rock to a depth of approximately 1 foot. The project applicant(s) shall ensure that the construction contractor is responsible for securing a source of transportation of Metaguare 3A.9-91 (discussed in Section 3	and erosion control p Community Service I		Mitigation			
<ul> <li>For the off-site detention basin west of Prairie City Road, the project applicant(s) of that phase shall retain a California Registered Civil Engineer to prepare a grading and erosion control plan. The grading and erosion control plan shall be submitted to the Sacramento County Public Works Department before issuan grading permit. The plan shall be consistent with Sacramento County's Grading, Erosion, and Sediment Control Ordinance and the state's NPDES permit, an shall include the site-specific grading associated with construction of the detention basin.</li> <li>The plans referenced above shall include the location, implementation schedule, and maintenance schedule of all erosion and sediment control measures, a description of measures designed to control dust and stabilize the construction-site road and entrance, and a description of the location and methods of storage disposal of construction materials. Erosion and sediment control measures could include the use of detention basins, berms, swales, wattles, and silf fencing, i covering or watering of stockpiled soils to reduce wind erosion. Stabilization on steep slopes could include construction of retaining walls and reseeding with vegetation after construction. Stabilization of construction entrances to minimize trackout (control dust) is commonly achieved by installing filter fabric and crushed rock to a depth of approximately 1 foot. The project applicant(s) shall ensure that the construction contractor is responsible for securing a source of transportation and deposition of Mitigation Measure 3A.9-1 (discussed in Section 3A.9, "Hydrology and Water Quality – Land") would also help reduce erosion-related impacts.</li> <li>Implementation: Project applicant(s) of all project phases.</li> <li>Timing: Before the start of construction activities.</li> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the two off-site detention</li></ul>	Grading, Erosion, and development.	lan. Distr d See	The grading and erosion control plan shal ict before issuance of grading permits for diment Control Ordinance and the state's	Il be submitted to the El Dorado Cour roadway construction in El Dorado I NPDES permit, and shall include the	ty Public Works Depart lills. The plan shall be c site-specific grading ass	ment and the El Dorado Hills consistent with El Dorado County sociated with roadway
The plans referenced above shall include the location, implementation schedule, and maintenance schedule of all erosion and sediment control measures, a description of measures designed to control dust and stabilize the construction-site road and entrance, and a description of the location and methods of storag disposal of construction materials. Erosion and sediment control measures could include the use of detention basins, berms, swales, wattles, and silt fencing, is covering or watering of stockpiled soils to reduce wind erosion. Stabilization on steep slopes could include construction of retaining walls and reseeding with vegetation after construction. Stabilization of construction entrances to minimize trackout (control dust) is commonly achieved by installing filter fabric and crushed rock to a depth of approximately 1 foot. The project applicant(s) shall ensure that the construction contractor is responsible for securing a source of transportation and deposition of excavated materials.         Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries must be coordinated by the project applicant(s) of each applicable project phase with the affected oversight agency(ies) (i.e., El Dorado and/or Sacramento Counties).         Implementation of Mitigation Measure 3A.9-1 (discussed in Section 3A.9, "Hydrology and Water Quality – Land") would also help reduce erosion-related impacts.         Timing:       Before the start of construction activities.         1.       For all project-related improvements that would be located within the City of Folsom County Public Works Department.         2.       For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department.         3.       For the ooff-site	For the off-site deten grading and erosion c grading permit. The I shall include the site-	tion contr plan -spec	basin west of Prairie City Road, the proje ol plan. The grading and erosion control p shall be consistent with Sacramento Cour ific grading associated with construction	ct applicant(s) of that phase shall reta plan shall be submitted to the Sacram tty's Grading, Erosion, and Sediment of the detention basin.	in a California Registere ento County Public Wor Control Ordinance and	ed Civil Engineer to prepare a ks Department before issuance of the state's NPDES permit, and
<ul> <li>Mitigation for the off-site elements outside of the City of Folsom's jurisdictional boundaries must be coordinated by the project applicant(s) of each applicab project phase with the affected oversight agency(ies) (i.e., El Dorado and/or Sacramento Counties).</li> <li>Implementation of Mitigation Measure 3A.9-1 (discussed in Section 3A.9, "Hydrology and Water Quality – Land") would also help reduce erosion-related impacts.</li> <li>Implementation: Project applicant(s) of all project phases.</li> <li>Timing: Before the start of construction activities.</li> <li>Enforcement: 1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>2. For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department</li> <li>3. For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department</li> </ul>	The plans referenced description of measur disposal of constructi covering or watering vegetation after const crushed rock to a dep transportation and de	abov res d ion n of st truct oth of posi	ve shall include the location, implementat esigned to control dust and stabilize the c naterials. Erosion and sediment control mo ockpiled soils to reduce wind erosion. Sta- ion. Stabilization of construction entrance f approximately 1 foot. The project applic tion of excavated materials.	tion schedule, and maintenance sched onstruction-site road and entrance, ar easures could include the use of deter abilization on steep slopes could inclu es to minimize trackout (control dust) eant(s) shall ensure that the construction	ale of all erosion and set d a description of the lo ation basins, berms, swa de construction of retain is commonly achieved b on contractor is responsi	diment control measures, a cation and methods of storage an les, wattles, and silt fencing, and ning walls and reseeding with by installing filter fabric and ble for securing a source of
<ul> <li>Implementation of Mitigation Measure 3A.9-1 (discussed in Section 3A.9, "Hydrology and Water Quality – Land") would also help reduce erosion-related impacts.</li> <li>Implementation: Project applicant(s) of all project phases.</li> <li>Before the start of construction activities.</li> <li>Enforcement: 1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>2. For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department</li> <li>3. For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department</li> </ul>	Mitigation for the off project phase with th	f-site e aff	elements outside of the City of Folsom's ected oversight agency(ies) (i.e., El Dorac	jurisdictional boundaries must be co- do and/or Sacramento Counties).	ordinated by the project	applicant(s) of each applicable
Implementation:       Project applicant(s) of all project phases.         Timing:       Before the start of construction activities.         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department         3       For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department	Implementation of M impacts.	litiga	tion Measure 3A.9-1 (discussed in Sectio	on 3A.9, "Hydrology and Water Quali	ty – Land") would also	help reduce erosion-related
<ul> <li>Timing: Before the start of construction activities.</li> <li>Enforcement: <ol> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department</li> </ol> </li> </ul>	Implementation:	Proj	ect applicant(s) of all project phases.			
<ol> <li>Enforcement:</li> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department</li> </ol>	Timing:	Bef	ore the start of construction activities.			
<ol> <li>For the two off-site roadway connections from Folsom Heights into El Dorado Hills: El Dorado County Public Works Department</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department</li> </ol>	Enforcement:	1.	For all project-related improvements that Department.	at would be located within the City of	Folsom: City of Folson	n Community Development
3 For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department		2.	For the two off-site roadway connection	s from Folsom Heights into El Dorad	o Hills: El Dorado Cou	nty Public Works Department.
		3.	For the off-site detention basin west of I	Prairie City Road: Sacramento Count	Planning and Commur	nity Development Department.
Significance after Mitigation: less than significant	Significance after M	litiga	tion: less than significant			J TITLE TO THE T

		Summary of Im	Table 1-1 pacts and Mitigation Meas	sures
		Impact	Land/Water/GPA	Significance
		Mitigation		
<b>3A.7-4: Potential (Outcrops, and Un</b> occur in steep slope could result in geol	Geolog stable es unde logic ha	<b>gic Hazards Related to Construction in Bedro</b> <b>Soils.</b> Development in the eastern portion of the erlain by bedrock at shallow depths and rock ou azards during construction.	e SPA would Iterops that	ON- & OFF-SITE NP, NCP, PP, RIM, CD, RHD: direct PS, no indirect
<b>ON- &amp; O</b> <b>NP:</b> No mitigation	FF-SI measu	<b>FE</b> res are required.		
ON- & O NCP, PP, RIM, C	FF-SI D, RH	<b>TE</b> <b>D:</b> Implement Mitigation Measure 3A.7-1a.		
Mitigation Measure Placerville Road. If development applic recommend by the blasting. Appropria Mitigation for the o	re 3A.7 Before cation s geotech te perm	7-4a: Prepare a Seismic Refraction Survey and the start of all construction activities east of Old 1 hall retain a licensed geotechnical engineer to pe mical engineer. Excavation may include the use hits for blasting operations shall be obtained from elements outside of the City of Folsom's jurisd	I Obtain Appropriate Permit Placerville Road, the project ap rform a seismic refraction surv of heavy-duty equipment such a the relevant City or county jun- ictional boundaries must be co	ts for all On-Site and Off-site Elements East of Old pplicant(s) of all project phases for any discretionary vey. Project-related excavation activities shall be carried out as large bulldozers or large excavators, and may include risdiction prior to the start of any blasting activities.
project phase with	the affe	ected oversight agency(ies) (i.e., El Dorado and	/or Sacramento Counties).	or and by the project appream(s) of each appreade
Implementation:	Proj	ect applicant(s) of all project phases for on-site	and off-site elements east of G	Old Placerville Road.
Timing:	Befe	ore or during earthmoving activities.		
Enforcement:	1.	For all project-related improvements that wou Department.	ld be located within the City o	of Folsom: City of Folsom Community Development
	2.	For the two off-site roadway connections from	n Folsom Heights into El Dora	do Hills: El Dorado County Public Works Department.
Significance after	Mitiga	tion: less than significant		
<b>3A.7-5: Potential of from Surface Infil</b> but seasonal subsurfrom shallow wells SPA.	Geolog Itration rface fl s, could	<b>gic Hazards Related to Seasonal Subsurface V</b> <b>n.</b> SPA excavation is not expected to encounter ows due to surface infiltration, as well as surface adversely affect some of the building foundation	Water Flows       Land         groundwater,       Iteration         the infiltration       Iteration         tons at the       Iteration	ON- & OFF-SITE NP, NCP, PP, RIM, CD, RHD: PS
ON- & O NP: No mitigation	FF-SI measu	FE res are required.		
NCP, PP, RIM, C	r r - SI D, RH	D: Mitigation Measure 3A.7-5: Divert Season	nal Water Flows Away from	Building Foundations. The project applicant(s) of all
No Action/No Project) (Centralized Developn	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Projec PA (Preferred Off-sit	ct) RIM (Resource Impact Minimizati te Water Facility Alternative)
eneficial) N	NI (No in	npact) LTS (Less than significant)	PS (Potentially significant)	S (Significant) SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Me	easures	
		Impact	Land/Water/GF	A	Significance
		Mitigation			
project phases shal actions as recomm and perched water	l either install s ended by the ge during the wint	ubdrains (which typically consist of per otechnical or civil engineer for the proje er months away from building foundation	forated pipe and gravel, su ect that would serve to dive ons.	rrounded by nonwoven geo ert seasonal flows caused by	otextile fabric), or take such other y surface infiltration, water seepag
Implementation:	Project appli	cant(s) of all project phases.			
Timing:	Before and d	uring earthmoving activities.			
Enforcement:	1. For all Depart	project-related improvements that woul nent.	d be located within the Cit	y of Folsom: City of Folsor	n Community Development
	2. For the	two roadway connections in El Dorado	Hills: El Dorado County I	Public Works Department.	
Significance after	Mitigation: les	than significant			
Expansive Soils. F high potential for e ON- & O NP: No mitigation ON- & O NCP, PP, RIM, C Significance after	Portions of the S expansion when FF-SITE measures are re FF-SITE D, RHD: Imple <i>Mitigation: les</i>	PA are underlain by soils that have a m wet and may result damage to structure equired. ment Mitigation Measures 3A.7-1a and a than significant we with Septic Systems. The SPA is up	oderate to s. . 3A.7-1b. derlain by Land	NP, NCP, PP, RIM, CD	<b>, RHD:</b> direct PS, no indirect
soils that are unsui	table for use wi	h conventional septic systems.		NP: direct significant, in ON- & OFF-SI NCP, PP, RIM, CD, RH	direct PS TE D: no direct or indirect
ON- & O NP: No mitigation ON- & O NCP, PP, RIM, C Significance after	FF-SITE measures are re FF-SITE D, RHD: No m <i>Mitigation: les</i>	equired. itigation measures are required. a <i>than significant</i>			
(No Action/No Project (Centralized Developr	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	eject) site Water Facility Alternative	RIM (Resource Impact Minimizatio
eneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECO		Table 1-1           Summary of Impacts and Mitigation Measures						
_≤		Impact	Land/Water/GP/	A Significance				
		Mitigation						
	<b>3A.7-8: Possible L</b> located within the S by CDMG and con aggregate.	<b>Loss of Mineral Resources–Construction Aggregate.</b> The SPA is Sacramento-Fairfield Production-Consumption Region designated tains dredge tailings that could provide a source of construction	s Land	ON- & OFF-SITE NP: no direct or indirect ON-SITE NCP, PP, RIM, CD, RHD: direct LTS, no indirect OFF-SITE No direct or indirect				
	NP, NCP, PP, RIN	<b>M, CD, RHD:</b> No mitigation measures are required.						
	Significance after	Mitigation: less than significant						
	3A.7-9: Possible Loss of Mineral Resources-Kaolin Clay. The SPA is located within the Sacramento-Fairfield Production-Consumption Region designated by CDMG and may contain a deposit of kaolin clay.       Land       ON- & OFF-SITE         NP: no direct or indirect OFF-SITE       NP: no direct or indirect OFF-SITE       NCP, PP, RIM, CD, RHD: direct LTS, No indirect OFF-SITE         No direct or indirect       OFF-SITE							
	ON-SITE	ON-SITE						
	NP: No mitigation measures are required.							
Folsom Sout	NCP, PP, RIM, C Delineate its Loca shall retain a licens as shown on Exhib approximate horizo	NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.7-9: Conduct Soil Sampling in Areas of the SPA Designated as MRZ-3 for Kaolin Clay and if Found, Delineate its Location and Notify Lead Agency and the California Division of Mines and Geology. The project applicant(s) of all applicable project phases shall retain a licensed geotechnical or soils engineer to analyze soil core samples that shall be extracted from that portion of the SPA zoned MRZ-3 for kaolin clay as shown on Exhibit 3A.7-3. In the event that kaolin clay is discovered, the City of Folsom, Sacramento County, and CDMG shall be notified. In addition, the approximate horizontal and vertical extent of available kaolin clay shall be delineated by the geotechnical or soils engineer.						
h of	Implementation:	Project applicant(s) of all project phases in the Ione Formation.						
U.S.	Timing:	Timing:       Before issuance of building permits for development within the Ione Formation as shown in Exhibit 3A.7-1.						
Highv	Enforcement: City of Folsom Community Development Department, Sacramento County Planning and Community Development Department, California Division of Mines and Geology.							
vay 5	OFF-SIT	OFF-SITE						
20 20 20	Mitigation Measu	Mitigation Measure: No mitigation measures are required.						
Deci	Significance after	Mitigation: less than significant						
fic Plan FEI								
R/FEIS	IP (No Action/No Project) D (Centralized Developm	) NCP (No USACE Permit) F nent) RHD (Reduced Hillside Development) F	PP (Proposed Proj PA (Preferred Off-	ject) RIM (Resource Impact Minimization site Water Facility Alternative)				

		Summary of Imp	Table 1-1 bacts and Mitigation Me	asures	
		Impact	Land/Water/GP/	A	Significance
		Mitigation			
<b>3A.7-10: Possible</b> <b>Paleontological H</b> SPA and the off-s formations. There unknown, unique	<b>Damage of or E</b> Resources during ite detention basis fore, construction paleontological re	<b>Destruction to of Previously Unknow</b> <b>construction-Related Activities.</b> Po n are underlain by paleontologically se a activities could damage or destroy pre- esources at the SPA.	n Unique Land rtions of the nsitive rock eviously	ON- & OFF-SI NP, NCP, PP, RIM, CD,	TE , RHD: direct PS, no indirect
NP: No mitigation	n measures are re-	quired.			
NCP, PP, RIM, ( Discovered, Asse previously unknow occur in the Ione a	CD, RHD: Mitiga ss the Significan wn potentially un and Mehrten Forr	ation Measure 3A.7-10: Conduct Con ce of the Find, and Prepare and Imp ique, scientifically important paleontol nations shall do the following:	nstruction Personnel Educ lement a Recovery Plan as ogical resources, the project	ation, Stop Work if Paleo Required. To minimize p applicant(s) of all project	ontological Resources are potential adverse impacts on phases where construction would
<ul> <li>Before the sta paleontologis possibility of be encountered</li> </ul>	art of any earthmo t or archaeologist encountering fos ed.	oving activities for any project phase in to train all construction personnel investigation of the second s	the Ione or Mehrten Format olved with earthmoving actions is likely to be seen during co	tions, the project applicant vities, including the site su nstruction, and proper noti	(s) shall retain a qualified perintendent, regarding the fication procedures should fossils
<ul> <li>If paleontolog notify the app recovery plan construction Recommenda can resume application</li> </ul>	gical resources are propriate lead age in accordance w monitoring, samp titions in the recover the site where the	e discovered during earthmoving activi- ncy (identified below). The project app ith Society of Vertebrate Paleontology ling and data recovery procedures, mu- very plan that are determined by the lease e paleontological resources were disco	ties, the construction crew solicant(s) shall retain a quali guidelines (1996). The reco seum storage coordination f d agency to be necessary ar vered.	hall immediately cease wo fied paleontologist to evalu- very plan may include, bu- or any specimen recovered d feasible shall be implem	ork in the vicinity of the find and nate the resource and prepare a t is not limited to, a field survey, , and a report of findings. ented before construction activities
Mitigation for the project phase with	off-site elements the affected over	outside of the City of Folsom's jurisdi rsight agency(ies) (i.e., Sacramento Co	ctional boundaries must be unty).	coordinated by the project	applicant(s) of each applicable
Implementation:	Project applicant	(s) of all project phases within the Ione	and Mehrten Formations.		
Timing:	During earthr	noving activities in the Ione and Mehr	ten Formations as shown in	Exhibit 3A.7-1.	
Enforcement:	<ol> <li>For all p Departm</li> </ol>	project-related improvements that woul nent.	d be located within the City	of Folsom: City of Folson	n Community Development
	2. For the	off-site detention basin west of Prairie	City Road: Sacramento Cou	nty Planning and Commun	nity Development Department.
Significance after	· Mitigation: less	than significant			
P (No Action/No Project) (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proj PA (Preferred Off-s	ect) ite Water Facility Alternative)	RIM (Resource Impact Minimization)
Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECO	Summa	Table 1-1           Summary of Impacts and Mitigation Measures						
M	Impact	Land/Water/GPA	A Significance					
	Mitigation							
	3B.7 GEOLOGY, SOILS, AND PALEONTOLOGICAL RE	SOURCES – WATER						
	<b>3B.7-1:</b> Possible Risks to People and Structures Caused by S Ground Shaking. Zone 4 of the "Water" Study Area is located low seismic activity; however, structures constructed as part of Facility Alternatives could be subject to seismic ground shaking along active faults in the Sierra Nevada.	trong Seismic Water in an area of generally he Off-site Water from an earthquake	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & no indirect					
	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measu Required Measures.	re 3B.7-1a: Prepare Geotechnical R	Report(s) for the Off-site Water Facilities and Implement					
	Facility design for all Off-site Water Facility components shall civil engineer to be retained by the City. The final geotechnical	comply with the site-specific design re and/or civil engineering report shall a	ecommendations as provided by a licensed geotechnical or ddress and make recommendations on the following:					
1_9A Folsom South	<ul> <li>site preparation;</li> <li>soil bearing capacity;</li> <li>appropriate sources and types of fill;</li> <li>potential need for soil amendments;</li> <li>road, pavement, and parking areas;</li> <li>structural foundations, including retaining-wall design;</li> <li>grading practices;</li> <li>soil corrosion of concrete and steel;</li> <li>erosion/winterization;</li> <li>seismic ground shaking;</li> <li>liquefaction; and</li> <li>expansive/unstable soils.</li> </ul>							
of U.S. H	In addition to the recommendations for the conditions listed abore conditions, and shall determine appropriate foundation designs to permits are applied for. All recommendations contained in the f	ve, the geotechnical investigation sha hat are consistent with the version of nal geotechnical engineering report sl	Il include subsurface testing of soil and groundwater the CBC that is applicable at the time building and grading hall be implemented by the City.					
ighw	Implementation: City of Folsom Utilities Department							
ay 5	Timing: Prior to completion of engineering plans f	or all Off-site Water Facilities						
50 Spe	Enforcement: 1. For all project-related improvements Department.	that would be located within the City	of Folsom: City of Folsom Community Development					
cific Plan Folsom a	2. For the off-site water facilities within and Community Development Depart	Unincorporated Sacramento County tment or City of Rancho Cordova Plan	or the City of Rancho Cordova: Sacramento County Planning nning Department.					
FEIR/FEIS	NP (No Action/No Project)NCP (No USACE Permit)CD (Centralized Development)RHD (Reduced Hillside Development)	PP (Proposed Proje elopment) PA (Preferred Off-s	ect) RIM (Resource Impact Minimization) ite Water Facility Alternative)					
	B (Beneficial) NI (No impact) LTS (Less than significant	) PS (Potentially significant)	S (Significant) SU (Significant and unavoidable)					

			Summary of Im	Table 1-1 pacts and Mi	igation Me	asures	
			Impact	La	nd/Water/GP	Ą	Significance
			Mitigation				
Mitigation Measu	re 3B.	7-1b: Inc	orporate Pipeline Failure Continger	ncy Measures l	nto Final Pi	peline Design.	
Isolation valves or recommended by a Association standa	simila licens rds.	r devices ed geotec	shall be incorporated into all pipeline hnical or civil engineer. The specifica	facilities to pre- tions of the isol	vent substants ation valves	al losses of surface water i shall conform to the CBC a	n the event of pipeline rupture, as and American Water Works
Implementation:	City	of Folso	m Utilities Department				
Timing:	Pric	or to comp	pletion of engineering plans for all Off	f-site Water Fac	ilities		
Enforcement:	1.	For all J Departr	project-related improvements that wou nent.	ld be located w	ithin the City	of Folsom: City of Folson	n Community Development
	2.	For the and Cor	off-site water facilities within Unincom nmunity Development Department or	rporated Sacran City of Rancho	ento County Cordova Pla	or the City of Rancho Cor nning Department.	dova: Sacramento County Plann
Significance after	Mitiga	tion: less	than significant				
movement of earth NCP, PA, 1, 1A, 2 Implementation:	in soil , <b>2A, 2</b> City	s subject 2 <b>B, 3, 3A</b> , 7 of Folso	to wind and water erosion hazard. 4, & 4A: Implement Mitigation Meas m Utilities Department	sures 3B.9-1a, 3	B.9-1b, 3B.9	9-1c, 3B.9-3a, and 3B.9-3b.	
Timing <sup>.</sup>	Pric	or to start	of construction				
Enforcement:	1.	For all j Departr	project-related improvements that wou nent.	ild be located w	ithin the City	of Folsom: City of Folson	n Community Development
	2.	For the and Con	off-site water facilities within Unincom nmunity Development Department or	rporated Sacran City of Rancho	ento County Cordova Pla	or the City of Rancho Cor nning Department.	dova: Sacramento County Plann
Significance after	Mitiga	tion: less	than significant				
<b>3B.7-3: Unstable</b> (could be located or unstable as a result	Geolog a geo of the	<b>gic Condi</b> logic unit Off-site	<b>tions.</b> The Off-site Water Facility Alto or soil that is unstable, or that could b Water Facilities.	ernatives become	Water	NCP, PA, 1, 1A, 2, 2A, 2 indirect PS	B, 3, 3A, 4, & 4A: direct &
PA, & Alternative	e <b>s 1, 1</b> 4	A, 2, 2A,	2B, 3, 3A, 4, & 4A: Implement Mitiga	ation Measures	3B.7-1a and	3B.7-1b.	
Implementation:	City	of Folse	m Utilities Department				
Timing:	Pric	or to comp	pletion of engineering plans for all Off	f-site Water Fac	ilities		
No Action/No Project, Centralized Developn	nent)		NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP ( PA (	Proposed Proj Preferred Off-	ect) site Water Facility Alternative)	RIM (Resource Impact Minimiza
eneficial) N	II (No ir	npact)	LTS (Less than significant)	PS (Potentia	ly significant)	S (Significant)	SU (Significant and unavoidable

	Impact	Land/Water/GP	PA Significance
	Mitigation		
Enforcement:	1. For all project-related improvements that Department.	would be located within the Cit	y of Folsom: City of Folsom Community Development
	2. For the off-site water facilities within Un and Community Development Departme	incorporated Sacramento County nt or City of Rancho Cordova Pla	y or the City of Rancho Cordova: Sacramento County Plann lanning Department.
Significance after	Mitigation: less than significant		
<b>3B.7-4: Exposure</b> Facilities could enc structures to potent	to Potential Hazards from Problematic Soils. counter expansive or corrosive soils thereby subjectial risk of failure.	The Off-site Water Water ecting related	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & indirect
NCP, PA, 1, 1A, 2	, 2A, 2B, 3, 3A, 4, & 4A: Implement Mitigation	Measures 3B.7-1a.	
Mitigation Measu	re 3B.7-4: Implement Corrosion Protection M	easures.	
As determined app include a cathodic	ropriate by a licensed geotechnical or civil engine protection system to protect these facilities from	eer, the City shall ensure that all corrosion.	underground metallic fittings, appurtenances, and piping
Implementation:	City of Folsom Utilities Department		
Timing:	Prior to completion of engineering plans for al	l Off-site Water Facilities	
Enforcement:	1. For all project-related improvements that Department.	would be located within the Cit	y of Folsom: City of Folsom Community Development
	2. For the off-site water facilities within Un and Community Development Departme	incorporated Sacramento County nt or City of Rancho Cordova Pla	y or the City of Rancho Cordova: Sacramento County Plann lanning Department.
Significance after	Mitigation: less than significant		
<b>3B.7-5: Possible D</b> <b>Paleontological R</b> the Off-site Water paleontological res	Pamage of or Destruction to of Previously Unkersources during Construction-Related Activiti Facility Alternatives could directly or indirectly of ource or site.	nown Unique Water es. Construction of lestroy a unique	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & indirect NWF: no impacts
NCP, PA, 1, 1A, 2 Resources are Dis impacts on previou construction of the Road, south of SR Prairie City Road a	, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3 covered, Assess the Significance of the Find, a sly unknown potentially unique, scientifically im Offsite Water Facility improvements. These mea 16; (2) Florin road, east of Excelsior Road; (3) C and shall include:	<b>BB.7-5: Conduct Construction I</b> <b>nd Prepare and Implement a R</b> portant paleontological resource isures shall be required for constr Gerber Road, east of Excelsior Ro	<b>Personnel Education, Stop Work if Paleontological</b> <b>Recovery Plan as Required.</b> To minimize potential adverse es, the City shall implement appropriate measures during ruction activities at the following locations: (1) Grant Line oad; (4) White Rock Road, east of Prairie City Road; and (5

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

NI (No impact)

LTS (Less than significant)

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Table 1-1 Summary of Impacts and Mitig	gation Measures	
	Impact Lan	d/Water/GPA	Significance
	Mitigation		
<ul> <li>Before the star or archaeologi encountering f encountered.</li> </ul>	t of any earthmoving activities for any project phase in the Riverbank I st to train all construction personnel involved with earthmoving activiti ossils, the appearance and types of fossils likely to be seen during cons	Formation, the project a es, including the site su truction, and proper not	pplicant(s) shall retain a qualified paleontologis perintendent, regarding the possibility of ification procedures should fossils be
<ul> <li>If paleontolog notify Sacram resource and p limited to, a fi report of findin construction a</li> </ul>	cal resources are discovered during earthmoving activities, the constru- ento County Planning and Community Development Department. The p repare a recovery plan in accordance with Society of Vertebrate Paleon eld survey, construction monitoring, sampling and data recovery procee- ngs. Recommendations in the recovery plan that are determined by the ctivities can resume at the site where the paleontological resources were	ction crew shall immedi project applicant(s) shal tology guidelines (1996 lures, museum storage of County to be necessary discovered.	ately cease work in the vicinity of the find and l retain a qualified paleontologist to evaluate th b). The recovery plan may include, but is not coordination for any specimen recovered, and a and feasible shall be implemented before
Implementation:	City of Folsom Utilities Department		
Timing:	During earthmoving activities in the Roverbank, Ione, and Mehrten	Formations as shown in	Wagner et al, 1981.
Enforcement: 1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.			
Significance after	and Community Development Department or City of Rancho C Mitigation: less than significant	Cordova Planning Depar	tment.
3A.8 HAZARDS	AND HAZARDOUS MATERIALS - LAND		
3A.8 HAZARDS 3A.8-1: Accidenta Materials. Accide routine transport, u	AND HAZARDOUS MATERIALS - LAND I Spill from Routine Transport, Use, or Disposal of Hazardous ntal spills of hazardous materials in the SPA could result during se, or disposal activities.	O NP: direct O NCP, PP, J	N-SITE & indirect LTS N- & OFF-SITE RIM, CD, RHD: direct & indirect LTS
3A.8 HAZARDS 3A.8-1: Accidenta Materials. Accide routine transport, u ON-SITE NP: No mitigation ON- & O NCP, PP, RIM, C	AND HAZARDOUS MATERIALS - LAND I Spill from Routine Transport, Use, or Disposal of Hazardous ntal spills of hazardous materials in the SPA could result during se, or disposal activities. measures are required. FF-SITE D, RHD: No mitigation measures are required.	O NP: direct O NCP, PP, 1	N-SITE & indirect LTS N- & OFF-SITE RIM, CD, RHD: direct & indirect LTS

NI (No impact)

1-99

AECOM Revisions to the DEIR/DEIS

Impact	Land/Water/GPA	Significance
Mitigation		
<b>3A.8-2: Potential Human Health Hazards from Possible Exposure of Existing Oster Hazardous Materials.</b> Construction workers and future residents could be exposed to hazardous materials known to exist within the SPA.	Dn- ON-SITE NP: (ACM, lead pair (mines and mining ch ON- & OFI NCP, PP, RIM, CD,	nt, PCBs) direct LTS, no indirect; nemicals) direct significant, no indirect F-SITE , RHD: direct PS, no indirect
<b>ON-SITE</b> <b>NP:</b> No mitigation measures are required.		
all project phases for any discretionary development application shall conduct Phase and if necessary, Phase II Environmental Site Assessments, and/or other appropriate and/or groundwater samples for the potential contamination sites that have not yet b construction activities begin in those areas. Recommendations in the Phase I and II shall be implemented before initiating ground-disturbing activities in these areas. The project applicant(s) shall implement the following measures before ground-dist	e I Environmental Site Assessments (whe e testing for all areas of the SPA and inc een covered by previous investigations Environmental Site Assessments to add urbing activities to reduce health hazard	here an Phase I has not been conducted) lude, as necessary, analysis of soil (as shown in Exhibit 3A.8-1) before ress any contamination that is found Is associated with potential exposure to
hazardous substances:	C	1 1
Prepare a plan that identifies any necessary remediation activities appropriate for contaminated soils, redistribution of clean fill material in the SPA, and closure safe transport, use, and disposal of contaminated soil and building debris remove during site excavation activities, the contractor shall report the contamination to contaminated groundwater to remove contaminants before discharge into the sa the plan and applicable Federal, state, and local laws. The plan shall outline me and disposal of hazardous materials removed from the site at an appropriate off	or proposed on- and off-site uses, include of any abandoned mine shafts. The plan yed from the site. In the event that conta to the appropriate regulatory agencies, de initary sewer system. The project applic asures for specific handling and reportin S-site disposal facility.	ling excavation and removal of on-site shall include measures that ensure the minated groundwater is encountered ewater the excavated area, and treat the ant(s) shall be required to comply with ng procedures for hazardous materials
<ul> <li>Notify the appropriate Federal, state, and local agencies if evidence of previous groundwater) is encountered during construction activities. Any contaminated a Sacramento County Environmental Management Department, Central Valley R agencies.</li> </ul>	ly undiscovered soil or groundwater con areas shall be remediated in accordance WQCB, DTSC, and/or other appropriat	ntamination (e.g., stained soil, odorous with recommendations made by the e Federal, state, or local regulatory
► Obtain an assessment conducted by PG&E and SMUD pertaining to the conten assessment shall determine whether existing on-site electrical transformers con equipment containing PCB is identified, the maintenance and/or disposal of the Act under the authority of the Sacramento County Environmental Health Depart	ts of any existing pole-mounted transfor tain PCBs and whether there are any rec transformer shall be subject to the regu- tment.	rmers located in the SPA. The cords of spills from such equipment. If lations of the Toxic Substances Contro
(No Action/No Project) NCP (No USACE Permit) (Centralized Development) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Facility Alterna	RIM (Resource Impact Minimization ative)
eneficial) NI (No impact) LTS (Less than significant) PS (Pot	entially significant) S (Significant)	SU (Significant and unavoidable)

		Summary of	Table 1-1Impacts and Mitigation Me	asures	
		Impact	Land/Water/GP	٩	Significance
		Mitigation			
Mitigation for the project phase with	off-site el	ements outside of the City of Folsom's ju ted oversight agency(ies) (i.e., Sacrament	risdictional boundaries must be o County).	coordinated by the project	ct applicant(s) of each applicable
Implementation:	Projec	t applicant(s) of all project phases for any	discretionary development app	lication.	
Timing:	Before	e and during earthmoving activities			
Enforcement:	1. F I	for all project-related improvements that velocity of the period of the	would be located within the City	of Folsom: City of Folso	om Community Development
	2. F	for the off-site detention basin west of Pra	airie City Road: Sacramento Cou	unty Environmental Mana	agement Department.
	3. (	Other regulatory agencies, such as Califor Control Board, as appropriate.	nia Department of Toxic Substa	nces Control, or Central	Valley Regional Water Quality
Mitigation Measurements and Preparements and Preparements	ure: Imple re and Im	ement Mitigation Measure 3A.9-1 contain plement SWPPP and BMPs]	ed in Section 3A.9, "Hydrology	and Water Quality - Lan	d" [Acquire Appropriate Regulator
on or near the site ON-SIT	of those r E n measure	s are required			
ON- & C NCP, PF Preserve <u>developm</u> <del>nonresid</del> <del>DTSC, a</del> existing g applicant <del>used for</del> <del>plan for v</del> successor	DFF-SITE P, RIM, C P, RIM, C P, Modify, <u>nent</u> that v ential uses nd the Cer groundwa groundwa (s) to mai <del>groundwa</del> well prese rs shall pre-	<b>D, RHD: Mitigation Measure 3A.8-3a:</b> <b>or Close Existing Groundwater Monit</b> yould occur in or adjacent to the Area 40 to consult with Aerojet, <u>EPA</u> DTSC, and tral Valley RWQCB or any successor sharer monitoring wells. If necessary, Aeroje ntain access to monitoring wells <u>and/or re- ter monitoring and other remediation acti- ryation, modification, or closure. If groun povide the City with evidence that the relo</u>	<b>Require the Project Applicant</b> <b>oring Wells.</b> The project applicate boundary shall submit copies of d/or the Central Valley RWQCE all work with the project applicate t, or any successor may purchase comediation systems. Development vities until DTSC and the Central dwater wells are to be affected be cation, modification, or closure of	t(s) to Cooperate with A ant(s) for all project phase tentative maps for reside 8 or any successor in inter nt(s) to establish the pres e lots or obtain access ago at shall not proceed within al Valley RWQCB have a by proposed tentative map of the well(s) is approved	<b>Aerojet and Regulatory Agencies t</b> <del>e(s)</del> <u>any particular discretionary</u> <del>intial subdivisions and for</del> rest for review and approval. Aeroje servation, modification, or closure o <u>reements</u> from the project <del>in the Area 40 boundary or on lands</del> <del>approved Aerojet's or a successor's</del> ps, then the project applicant(s) or l by the appropriate agencies as part
(No Action/No Projec (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Developm	PP (Proposed Proj ent) PA (Preferred Off-	ect) site Water Facility Alternativ	RIM (Resource Impact Minimizatio

		Impact	Land/Water/GPA	Significance
		Mitigation		
of the City	's final	map approval process and before develop	pment.	
The project coordinate	t applic d by the	ant(s) for activities related to the off-site e project applicant(s) with Sacramento Co	detention basin located outside of the City of Foounty.	olsom's jurisdictional boundaries must be
Implementation:	Proje reme	ct applicants(s) for activities that would or diation activities.	occur in the Area 40 boundary or on areas used for	or groundwater monitoring and other
Timing:	Ongo	ing to the satisfaction of EPA DTSC and	l <u>/or</u> the Central Valley RWQCB.	
Enforcement:	1.	For all project-related improvements that w	would be located within the City of Folsom: City of	Folsom Community Development Department
	2.	For the off-site detention basin west of P	rairie City Road: Sacramento County Planning a	and Community Development Department.
Mitigation Measu phases any particul and DTSC, the Cer activities begin in a EPA, may include, ► deed restriction ► requirements fr	re 3A.8- ar discre- tral Val reas on but are a s on lar pr build	-so: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of t or near property with current or planned not limited to: nd and groundwater use; ing ventilation heating and air condition	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi the location, nature, and duration of construction remediation activities (Area 40). Remedial actio	tivities. The project applicant(s) for all project ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or th
Mitigation Measure phases any particul and DTSC, the Cer activities begin in a EPA, may include, deed restriction requirements for monitoring; installation of biological, che extraction or eigen	re 3A.8- ar discre- tral Val reas on but are ns on lar or build: vertical mical, a xcavatio	-50: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of t or near property with current or planned not limited to: nd and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>n; and/or</u>	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi the location, nature, and duration of construction remediation activities (Area 40). Remedial actio hing design;	<b>truities.</b> The project applicant(s) for <del>all projec</del> ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or th
Mitigation Measure phases any particul and DTSC, the Cer activities begin in a EPA, may include, deed restriction requirements f monitoring; installation of biological, che extraction <u>or e</u> pump and treat	re 3A.8- ar discre- tral Val reas on but are ns on lar or build vertical mical, a <u>xeavatio</u> activiti	-so: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of to or near property with current or planned not limited to: nd and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>n; and/or</u> es.	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi the location, nature, and duration of construction remediation activities (Area 40). Remedial actio hing design;	tivities. The project applicant(s) for all project ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or the
<ul> <li>Mitigation Measure</li> <li>phases any particule</li> <li>and DTSC, the Ceractivities begin in a EPA, may include,</li> <li>deed restriction</li> <li>requirements free monitoring;</li> <li>installation of biological, che</li> <li>extraction or extraction or</li></ul>	re 3A.8- ar discre- tral Val reas on but are ns on lar or build vertical mical, a <u>xeavatio</u> activiti l of grac DTSC, emediati	-of: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of to or near property with current or planned not limited to: and and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>m</u> ; <u>and/or</u> es. ling plans which include areas within the and <u>/or</u> the Central Valley RWQCB or an on activities.	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi- the location, nature, and duration of construction remediation activities (Area 40). Remedial action hing design; e Area 40 boundary or the off-site detention basin by successor to schedule the timing of construction	h, the project applicant(s) for <del>all project</del> on activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or the h, the project applicant(s) shall <u>consult</u> <del>work</del> on activities to prevent potential conflicts with
Mitigation Measure phases any particul and DTSC, the Cer activities begin in a EPA, may include, deed restriction requirements f monitoring; installation of biological, che extraction <u>or er</u> pump and treat Before the approva with Aerojet, EPA, investigation and re The project applicat	re 3A.8- ar discredited values of the second tral Values of the second v	-50: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of 1 or near property with current or planned not limited to: nd and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>m</u> ; <u>and/or</u> es. ling plans which include areas within the and <u>/or</u> the Central Valley RWQCB or an on activities. • activities related to the off-site detention h Sacramento County.	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi- the location, nature, and duration of construction remediation activities (Area 40). Remedial action hing design; e Area 40 boundary or the off-site detention basin by successor to schedule the timing of construction n basin located outside of the City of Folsom's ju	tivities. The project applicant(s) for all project ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or the n, the project applicant(s) shall <u>consult</u> work on activities to prevent potential conflicts with urisdictional boundaries must be coordinated
Mitigation Measure phases any particul and DTSC, the Cer activities begin in a EPA, may include, deed restriction requirements f monitoring; installation of biological, che extraction or e pump and treat Before the approva with Aerojet, EPA, investigation and reat The project applicat the project applicat	re 3A.8- ar discre- tral Val reas on but are s on lar or build: vertical mical, a <u>xeavatio</u> activiti l of grac DTSC, emediati nt(s) fon tt(s) with Proje	-50: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of t or near property with current or planned not limited to: nd and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>on; and/or</u> es. ling plans which include areas within the and <u>/or</u> the Central Valley RWQCB or an on activities. : activities related to the off-site detention h Sacramento County. ct applicant(s) for activities within the An	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi- the location, nature, and duration of construction remediation activities (Area 40). Remedial action hing design; e Area 40 boundary or the off-site detention basin hy successor to schedule the timing of construction n basin located outside of the City of Folsom's ju rea 40 boundary or on lands used for monitoring	tivities. The project applicant(s) for all project ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or the n, the project applicant(s) shall <u>consult</u> work on activities to prevent potential conflicts with urisdictional boundaries must be coordinated g or other remediation-related activities.
Mitigation Measure phases any particul and DTSC, the Cer activities begin in a EPA, may include, deed restriction requirements f monitoring; installation of biological, che extraction <u>or e</u> pump and treat Before the approva with Aerojet, EPA, <u>investigation and</u> re The project applica the project applicar Implementation: Timing:	re 3A.8- ar discredited values of the second tral Values of the second values of the second but are the second values of the second transformation of the second values of the second vertical mical, a second values of the second values of th	<ul> <li>-50: Coordinate Development Activitie <u>etionary development</u> that would occur in ley RWQCB, and the City of Folsom of the or near property with current or planned not limited to: and and groundwater use; ing ventilation, heating, and air condition barriers; nd/or physical treatment; <u>m</u>; <u>and/or</u> es. ling plans which include areas within the and<u>/or</u> the Central Valley RWQCB or an on activities.</li> <li>: activities related to the off-site detention h Sacramento County. ct applicant(s) for activities within the An re the approval of grading plans and durin for monitoring or other remediation-relation</li> </ul>	es to Avoid Interference with Remediation Act n or adjacent to the Area 40 boundary shall provi- the location, nature, and duration of construction remediation activities (Area 40). Remedial action hing design; e Area 40 boundary or the off-site detention basin hy successor to schedule the timing of construction n basin located outside of the City of Folsom's ju- rea 40 boundary or on lands used for monitoring ng construction activities within the Area 40 bou- ted activities.	tivities. The project applicant(s) for all project ide notice to Aerojet or any successor in inter a activities least 30 days before construction ons, as required by DTSC, RWQCB, and/or the n, the project applicant(s) shall <u>consult</u> work on activities to prevent potential conflicts with urisdictional boundaries must be coordinated g or other remediation-related activities. undary, off-site detention basin, or on lands

NI (No impact)

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Table 1-1           Summary of Impacts and Mitigation Measures						
		Impact	Land/Water/GPA		Significance		
		Mitigation					
	2. 3.	For the off-site detention basin west of Prain U.S. Environmental Protection Agency, Cal	rie City Road: Sacramento County ifornia Department of Toxic Subst	Planning and Commun tances Control, <u>and/or</u> C	ity Development Department. Central Valley Regional Water		
Mitigation Measu Notification Oblig	re 3A. ations	8-3c: Provide Written Notification to the C and/or Easements Have Been Fulfilled to	poration, as appropriate. Sity that, as required by EPA, DTE Ensure that Construction Activity	ΓSC, and the Central ties Do Not Interfere γ	Valley RWQCB, -Required vith Remedial Actions.		
Pursuant to <u>their</u> its deed restrictions (e property with associ detention basin, or detention basin) that submitted to the Ci The project applica 40 boundary or lan project activities pe Mitigation for the c project phase with Mitigation for the c	-overs .g., res ciated r lands s at said ty befo unt(s) f ds sub- crtainin off-site the aff	ight over investigations of hazardous substan- trictions on future groundwater uses or future notice requirements. The project applicant(s) subject to monitoring or other remediation act required DTSC notification obligations have b ore approval of tentative maps or improvemer or such affected project activities shall coordi ject to monitoring or other remediation activiting to the off-site detention basin. elements outside of the City of Folsom's juri ected oversight agency(ies) (i.e., Sacramento elements outside of the City of Folsom's juri ected oversight agency(ies) (i.e., Sacramento	ces and determination of remedial e land uses) or easements (e.g., con for all such affected project activit tivities shall provide notification in been fulfilled. Evidence of the met at plans. nate with the City to include this p ties. The project applicant(s) shall asdictional boundaries must be coo County). (sdictional boundaries must be coo County).	action, <u>EPA and/or</u> DT action, <u>EPA and/or</u> DT tinued access to ground ies, located within the <i>A</i> a writing to the City (or hod of notification requ provision as part of tenta coordinate with Sacram rdinated by the project a rdinated by the project a	SC establishes, as appropriate, dwater wells and pipelines) on Area 40 boundary, the off-site Sacramento County for the off-site nired by <u>EPA and/or</u> DTSC shall be ative map approval within the Area mento County for such affected applicant(s) of each applicable applicant(s) of each applicable		
Implementation:	Pro rem	ject applicant(s) for activities that would occurediation activities.	ur in the Area 40 boundary or on a	reas used for groundwa	ter monitoring and other		
Timing:	Bef det	ore approval of final maps and/or issuance of ention basin, or lands subject to monitoring o	permits for sales trailers and mod rother remediation activities.	el homes within the Aro	ea 40 boundary, the off-site		
Enforcement:	1.	For all project-related improvements that we Department.	ould be located within the City of	Folsom: City of Folsom	Community Development		
	2.	For the off-site detention basin west of Prain	rie City Road: Sacramento County	Planning and Commun	ity Development Department.		
Significance after	Mitiga <u>re 3A.</u>	tion: less than significant 8-3d: Land Use Restrictions for Contamin	ated Soil and Groundwater with	in Area 40 as depicted	on the Remedial Restrictions		
Area Exhibit 3A.8 Prior to approval of	<mark>5-9.</mark> f anv t	entative maps, improvement plans, or discreti	onary project approvals for location	one within Area $40$ as d	enicted in the Remedial		
Restrictions Area (	Exhibi	t 3A.8-9), the project applicant(s) shall design	hate those areas that are subject to	off-gassing hazards in e	excess of an indoor air standard, as		
open space or park	use, as	s required by the City and Aerojet in consulta	tion with the EPA. Areas designate	ed for open space or par	rk under this mitigation measure		
shall be determined	l by th	e City and by Aerojet in consultation with the	EPA using risk calculations (com	pleted in accordance wi	th EPA's 1989 Risk Assessment		
IP (No Action/No Project) D (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Developmer	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimization)		
(Beneficial)	II (No ir	npact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)		

Impact         Land/Water/GPA         Significance           Guidance for Superfund [EPA/5401-89-002] and DTSC's 1992 Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Wass         Sites and Permitel Facilities and 1994 Preliminary Endangerment Assessment Guidance Monual, or such guidance as may be in place at the time risk assess           Sites and Permitel Facilities and 1994 Preliminary Endangerment Assessment Guidance Monual, or such guidance as may be in place at the time risk assess         Sites and Permitel Facilities and 1994 Preliminary Endangerment Assessment Guidance Monual, or such guidance as may be in place at the time risk assess           affected areas located within Area 40 as depicted on the Remedial Restrictions Area Exhibit As 49-9 shall implement this measure as part of tentative map applications or other discretionary project approvals when such applications are submitted to the City.           If the portions of Area 40 that are designated for park and open space use: are not available for use as park and open space vasi. the project applicant(s), and the owners of land within the SPA shall identify the City may rezone equivalent acreage of suitable park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the current demand.           Implementation         Project applicant(s) in consultation with the City. Aerojet, and U.S. Environmental Protection Agency for activities that would occur in Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8-9           Timing:         Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions of deerestrictins, and other actions requind prior			Summary of Imp	Table 1-1 acts and Mitigation Measu	ures	
Miligation           Guidance for Superfund LEPA/S401-89-0021 and DISC's 1992 Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Was Sites and Permitted Facilities and 1994 Previous and 1994 Previous and 1994 Previous and Permitted Facilities and 1994 Previous and head Previous are submitted to the City. affected areas located within Area 40 as depicted on the Remedial Restrictions Area Exhibit 3A.8-9 shall implement this measure as part of tentative map applications or other discretionary project approvals when such applications are submitted to the City. If the portions of Area 40 that are designated for park and open space use are not available for use as park and open space as identified in the SPA concurrent with surrounding development that creates demand for park and open space use, the project applicantis, and the owners of land within the SPA shall identify the City may recone equivalent acreage of suitable park and open space use. We project applicantions in term or permanent park and open space to the then current demand. Implementation: Project applicantifs) in consultation with the City, Aerojet, and U.S. Environmental Protection Agency for activities that would occur in Community Park West area, as depicted on the Remedial Restrictions Area Exhibit 3A.8-9. Timing: Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8- Enforcement: For all project-related improvements that would be located within the City of Folsom. City of Folsom Community Development Depart U.S. Environmental Protection Agency. Implementation of Mitigation Measures 3A.8-3A, 3A.8-3A, and 3A.8-3C, and 3A.8-3C, and 3A.8-3C, and 3A.8-3C, and 3A.8-3C, and 4A.8-3C, and 4A.8-3C, and 4A.8-3C, and 4A.8-3C, and 4A.8-3C, and 4A.8-3C, a			Impact	Land/Water/GPA		Significance
Guidance for Superfund [EPA/540/1-89-002] and DTSC's 1992 Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Was States and Termitted Facilities and 1994 Preliminary Endangerment Assessment Guidance Manual, or such guidance as may be in place at the time risk assess is performed for exposure to off-gassing from either soil or groundwate based on detected PC E and TCC concentrations. The project applications are as banitted to the City.           If the portions of Area 40 that are designated for park and open space use are not available for use as park and open space as identified in the SPA concurrent with surrounding development that creates demand for park and open space use are not available for use as park and open space as identified in the SPA concurrent with zurrounding development that creates demand for park and open space use are not available for use as park and open space as identified in the SPA shall identify the City may recone equivalent acreage of suitable park and open space use are not available for use as park and open space as identified in the SPA shall identify the City may recone equivalent acreage of suitable park and open space use are not available for use as park and open space as identified in the SPA shall identify the City may recone equivalent acreage of suitable park and open space use. The project applicant(s) in consultation with the City Aerojet, and U.S. Environmental Protection Agency for activities that would occur in Community Park West area, as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.           Timing:         Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.           Imming:         Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.			Mitigation			
If the portions of Area 40 that are designated for park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the City may rezone equivalent acreage of suitable park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the City may rezone equivalent acreage of suitable park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the City may rezone equivalent acreage of suitable park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the City may rezone equivalent acreage of suitable park and open space use, the project applicant(s), and the owners of land within the SPA shall identify the then current demand.         Implementation:       Project applicant(s) in consultation with the City. Acrojet and U.S. Environmental Protection Agency for activities that would occur in Community Park West area, as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.         Enforcement:       For all project-related improvements that would be located within the City of Folsom Community Development Depart U.S. Environmental Protection Agency.         Implementation of Mitigation Measures 3A.8-3b, and 3A.8-3c, and 3A.8-3d would reduce significant potential development constraints due to site 1 on the MPL and/or Cortese List under the No USACE Permit, Proposed Project, Resource Impact Minimization, Centralized Development, and Reduced Hill Development Alternatives to a bes-than-significant level because remediation activities. Superfund investigation and remediation activities. Furthermore, the open space land uses within Area 40 would be expanded as necessary to protect human health based on the results of appropriate testing. However, the off-site detention basin falls under the jurisdiction of Sacramento County; th	Guidance for Supr Sites and Permitte is performed) for affected areas loca applications or otl	erfund [EPA/540/1 ed Facilities and 19 exposure to off-ga ated within Area 4 her discretionary p	1-89-002] and DTSC's 1992 Suppleme 994 Preliminary Endangerment Asses. ssing from either soil or groundwater 0 as depicted on the Remedial Restrict roject approvals when such application	ental Guidance for Human Hea sment Guidance Manual, or su based on detected PCE and TC tions Area Exhibit 3A.8-9 shal ns are submitted to the City.	alth Multimedia Risk Ass ch guidance as may be in E concentrations. The p l implement this measure	essments of Hazardous Waste n place at the time risk assessment roject applicant(s) for such e as part of tentative map
Implementation:       Project applicant(s) in consultation with the City. Aerojet, and U.S. Environmental Protection Agency for activities that would occur in Community Park West area, as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.         Timing:       Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.         Timing:       Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8-9.         Enforcement:       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Depar U.S. Environmental Protection Agency.         Implementation of Mitigation Measures 3A.8-3a, 3A.8-3b, and 3A.8-3c, and 3A.8-3d would reduce significant potential development constraints due to size I on the NPL and/or Cortese List under the NU SACE Permit, Proposed Project, Resource Impact Minimization, Centralized Development, and Reduced Hill Development Alternatives to a less-than-significant level because remediation activities, implementation of the project would be required by <u>EPA</u> , DTSC and/or other agencies as part of the Superfund investigation and remediation activities.         Furthermore, the open space land uses within Area 40 would be expanded as necessary to protect human health based on the results of appropriate testing.         However, the off-site detention basin falls under the jurisdiction of Sacramento County; therefore, neither the City nor the project applicant(s) would have co over its timing or implementation.         3A.8-4: Potential Interference with an Adopted Emergency Response or Emergency Evacuation Plan. Development of the SPA co	If the portions of A with surrounding the City may rezo the then current do	Area 40 that are de development that on ne equivalent acre emand.	signated for park and open space use creates demand for park and open space age of suitable park and open space la	are not available for use as par se use, the project applicant(s), nd within the SPA for develop	k and open space as ider and the owners of land ment as interim or perma	tified in the SPA concurrently within the SPA shall identify and anent park and open space to mee
Timing:       Prior to approval of tentative maps within the Community Park West area as depicted on the Remedial Restrictions Area Exhibit 3A.8         Enforcement:       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Depar U.S. Environmental Protection Agency.         Implementation of Mitigation Measures 3A.8-3a, 3A.8-3b, and 3A.8-3c, and 3A.8-3d would reduce significant potential development constraints due to site 1 on the NPL and/or Cortese List under the No USACE Permit, Proposed Project, Resource Impact Minimization, Centralized Development, and Reduced Hill Development Alternatives to a less-than-significant level because remediation activities, implementation of the project would be required by EPA, DTSC and/or other agencies as part of the Superfund investigation and remediation activities. Furthermore, the open space land uses within Area 40 would be expanded as necessary to protect human health based on the results of appropriate testing. However, the off-site detention basin falls under the jurisdiction of Sacramento County; therefore, neither the City nor the project applicant(s) would have co over its timing or implementation.         3A.8-4: Potential Interference with an Adopted Emergency Response or Emergency Evacuation Plan. Development of the SPA could interfere with adopted emergency plans.       Land       ON- & OFF-SITE         NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required. Significance after Mitigation: less than significant       PP (Proposed Project)       RIM (Resource Impact Minimi PA (Preferred Off-site Water Facility Alternative)	Implementation:	Project applic Community P	ant(s) in consultation with the City, A ark West area, as depicted on the Rem	erojet, and U.S. Environmenta edial Restrictions Area Exhibi	l Protection Agency for a tit 3A.8-9.	activities that would occur in the
Enforcement:       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Depar U.S. Environmental Protection Agency.         Implementation of Mitigation Measures 3A.8-3a, 3A.8-3b, and 3A.8-3c, and 3A.8-3d, would reduce significant potential development constraints due to site 1 on the NPL and/or Cortexe List under the No USACE Permit, Proposed Project, Resource Impact Minimization, Centralized Development, and Reduced Hill Development Alternatives to a less-than-significant level because remediation activities, implementation of deed restrictions, and other actions required prio implementation of the project would be required by EPA, DTSC and/or other agencies as part of the Superfund investigation and remediation activities. Furthermore, the open space land uses within Area 40 would be expanded as necessary to protect human health based on the results of appropriate testing. However, the off-site detention basin falls under the jurisdiction of Sacramento County; therefore, neither the City nor the project applicant(s) would have co over its timing or implementation.         3A.8-4: Potential Interference with an Adopted Emergency Response or Emergency Evacuation Plan. Development of the SPA could interfere with adopted emergency plans.       Land       ON- & OFF-SITE         NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required. Significance after Mitigation: less than significant       PP (Proposed Project)       RIM (Resource Impact Minimi (Centralized Development)         NP (No LSACE Permit)       PP (Proposed Project)       RIM (Resource Impact Minimi PA (Preferred Off-site Water Facility Alternative)	Timing:	Prior to appro	val of tentative maps within the Com	munity Park West area as depi	cted on the Remedial Re	strictions Area Exhibit 3A.8-9.
3A.8-4: Potential Interference with an Adopted Emergency Response or Emergency Evacuation Plan. Development of the SPA could interfere with adopted emergency plans.       Land       ON- & OFF-SITE NP, NCP, PP, RIM, CD, RHD: direct LTS, no indirect Significance after Mitigation: less than significant         (No Action/No Project) (Centralized Development)       NCP (No USACE Permit) RHD (Reduced Hillside Development)       PP (Proposed Project) PA (Preferred Off-site Water Facility Alternative)       RIM (Resource Impact Minimi PA (Preferred Off-site Water Facility Alternative)	on the <u>NPL and/o</u> Development Alte implementation or <u>Furthermore, the o</u> However, the off- over its timing or	<u>r</u> Cortese List under ernatives to a <b>less</b> - f the project would open space land us site detention basi implementation.	er the No USACE Permit, Proposed Pr than-significant level because remedi l be required by <u>EPA</u> , DTSC and/ <u>or</u> ot es within Area 40 would be expanded n falls under the jurisdiction of Sacran	roject, Resource Impact Minim ation activities, implementatio her agencies as part of the Sup as necessary to protect human nento County; therefore, neithe	nization, Centralized Dev n of deed restrictions, an perfund investigation and health based on the resu er the City nor the projec	relopment, and Reduced Hillside ad other actions required prior to remediation activities. <u>alts of appropriate testing.</u> t applicant(s) would have contro
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.         Significance after Mitigation: less than significant         (No Action/No Project)       NCP (No USACE Permit)         (No Action/No Project)       NCP (No USACE Permit)         (Centralized Development)       RHD (Reduced Hillside Development)         PA (Preferred Off-site Water Facility Alternative)         RIM (Resource Impact Minimi	<b>3A.8-4: Potential</b> <b>Emergency Evac</b> emergency plans.	Interference with uation Plan. Deve	h an Adopted Emergency Response elopment of the SPA could interfere w	or Land ith adopted N	ON- & OFF-SIT P, NCP, PP, RIM, CD,	<b>E</b> <b>RHD:</b> direct LTS, no indirect
Significance after Mitigation: less than significant         (No Action/No Project)       NCP (No USACE Permit)         (Centralized Development)       PP (Proposed Project)         RIM (Resource Impact Minimit PA (Preferred Off-site Water Facility Alternative)         Resource Impact Minimit PA (Preferred Off-site Water Facility Alternative)	NP, NCP, PP, RI	M, CD, RHD: No	mitigation measures are required.			
(No Action/No Project) NCP (No USACE Permit) PP (Proposed Project) RIM (Resource Impact Minimi (Centralized Development) RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)	Significance after	• Mitigation: less	than significant			
D (Centralized Development)       PA (Preferred Off-site Water Facility Alternative)         D (Centralized Development)       PA (Preferred Off-site Water Facility Alternative)         D (Detection)       PA (Preferred Off-site Water Facility Alternative)	(No Action/No Projec	t)	NCP (No USACE Permit)	PP (Proposed Project)	)	RIM (Resource Impact Minimizatio
Reneticial INFUND Impact LIN LASS than significant PS (Potentially significant) S (Significant) SU(Significant and Unavoidat	(Centralized Develop	ment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	SII (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Me	easures	
		Impact	Land/Water/GF	PA	Significance
		Mitigation			
<b>3A.8-5: Potential</b> <b>General Public.</b> D as part of grading a to construction wo	for Blast-Related evelopment in the activities in the ear rkers and the gene	I Injury to Construction Workers as e SPA would entail the use of explosive stern portion of the SPA that could research public.	<b>nd the</b> Land ye materials sult in injury	ON- & OFF-S NP, NCP, PP, RIM, CI	ITE D, RHD: direct PS, no indirect
NCP, PP, RIM, C To reduce the pote blasting safety plar Subpart U, Section which blasting woo	<b>D, RHD: Mitiga</b> ntial for accidenta h. This plan shall 1926.901, and di ald be employed.	tion Measure 3A.8-5: Prepare and I al injury or death related to blasting, co be created in coordination with a qual stributed to all appropriate members of The plan shall include, but is not limit	mplement a Blasting Saf ontractors whose work on ified blaster, as defined by of construction teams. The red to:	ety Plan in Consultation the SPA will include blasti the Construction Safety an plan shall apply to project	with a Qualified Blaster. ing shall prepare and implement a nd Health Outreach Program, applicant(s) of all project phases in
<ul> <li>storage locatio</li> <li>safety requirer</li> <li>an accident ma</li> <li>measures to pr</li> </ul>	ons that meet ATF nents for workers anagement plan th otect surrounding	standards contained in 27 CFR Part 5 (e.g., daily safety meetings, personal at considers misfires (i.e. explosive fa property (e.g., netting, announcemen	55; protective equipment); iils to detonate), unexpected t of dates of expected blas	ed ignition, and flyrock; an ting, barricades, and audib	d le and visual warnings).
Upon completion of Dorado County Sh	of a blasting safety eriff's Departmer	y plan, the project applicant(s) contract t for blasting activities in Sacramento	tor shall secure any requir County and El Dorado Co	ed permits from the City o ounty, respectively.	f Folsom Fire Department and the El
Mitigation for the opposite phase with	off-site elements of the affected overs	outside of the City of Folsom's jurisdi sight agency(ies) (i.e., El Dorado Cou	ctional boundaries must bonty).	e coordinated by the projec	t applicant(s) of each applicable
Implementation:	Project applica	unt(s) and contractor(s) of all project p	hases in which blasting w	ould be employed.	
Timing:	At the submiss	ion of tentative map applications.			
Monitoring:	1. For all pr	oject-related improvements that would	d be located within the Cit	y of Folsom: City of Folso	m Fire Department.
	2. For the o	ff-site roadway connections in El Dora	ado County: El Dorado Co	unty Sheriff's Department	
Significance after	Mitigation: less t	han significant			
<b>3A.8-6: Possible E</b> developments and/and radio towers, v	Exposure of Peop or schools would which could expos	le to Electric and Magnetic Fields. I be located near high voltage transmiss the the general public to EMFs.	Residential Land sion lines	ON-SITE NP: direct LTS, no indit NCP, PP, RIM, CD, RI OFF-SITE No direct or indirect	rect HD: direct PS, no indirect
ON-SITE NP: No mitigation NCP, PP, RIM, C	z measures are req <b>D, RHD: Mitig</b> a	uired. tion Measure P3A.8-6: Prudent Avo	idance and Notification	of EMF Exposure. <del>A poli</del>	ey of "prudent avoidance" to EMF
(No Action/No Project (Centralized Developr	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	oject) -site Water Facility Alternative	RIM (Resource Impact Minimization)
Beneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures							
	Impact	Land/Water/GPA	Signifi	cance			
	Mitigation						
exposure shall be incorporated into planning activities for residential developments near the transmission lines, which shall include consideration of up to date information on potential hazards of EMF, especially information from the California Public Utilities Commission.							
In addition, pPDetential purchasers of residential properties near the transmission lines shall be made aware of the controversy surrounding EMF exposure. The California Department of Real Estate shall be requested to insert an appropriate disclosure statement notification into the applicant's final Subdivision Public Report application, which shall be provided to purchasers of properties within 100 feet from the 100-115kV power line easement, or within 150 feet from the 220- 230 kV power line easement. The notification would include a discussion of the scientific studies and conclusions reached to date, acknowledge that the notification distance is not based on specific biological evidence, but rather, the distance where background levels may increase, and provide that, given some uncertainty in the data, this notification is merely provided to allow purchasers to make an informed decision.Implementation:Project applicant(s) of all project phases for any particular discretionary development entitlement-in the vicinity of high-tension transmission lines.							
Enforcement	1 City of Folsom Community Development D	enartment					
Emoreement.	<ol> <li>City of Poison Community Development D</li> <li>Folsom Cordova Unified School District</li> </ol>	epartment.					
Significance after 3A.8-7: Potential f Project Water Fea site detention basin other waterborne ve	NCP, PP, KIM, CD, KHD: No mitigation measures are required.         Significance after Mitigation: less than significant         3A.8-7: Potential for Public Health Hazards from Mosquitoes Associated with Project Water Features. Project implementation would include construction of 16 on-site detention basins and 1 off-site detention basin, which could attract mosquitoes and other waterbora vectors, thereby potentially creating a public health hazard       Land       ON-SITE         NCP. PR. NO direct or indirect       ON- & OFF-SITE         NCP. PR. NO DEPUNCT       NCP. PR. NO DEPUNCT						
other waterborne vectors, thereby potentially creating a public health hazard. ON-SITE NP: No mitigation measures are required. ON- & OFF-SITE NCP, PP, RIM, CD, RHD: direct PS, no indirect ON- & OFF-SITE NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.8-7: Prepare and Implement a Vector Control Plan in Consultation with the Sacramento-Yolo Mosquito and Vector Control District. To ensure that operation and design of the stormwater system, including multiple planned detention basins, is consistent with the recommendations of the Sacramento-Yolo Mosquito and Vector Control District regarding mosquito control, the project applicant(s) of all project phases shall prepare and implement a Vector Control Plan. This plan shall be prepared in coordination with the Sacramento-Yolo Mosquito and Vector Control District and shall be submitted to the City for approval before issuance of the grading permit for the detention basin. The plan shall incorporate specific measures deemed sufficient by the City to minimize public health risks from mosquitoes, and as contained within the Sacramento-Yolo Mosquito and Vector Control District BMP Manual (Sacramento-Yolo Mosquito and Vector Control District 2008). The plan shall include, but is not limited to,							
? (No Action/No Project) (Centralized Developn	NCP (No USACE Permit) RHD (Reduced Hillside Developmen	t) PP (Proposed Project PA (Preferred Off-site	RIM ( Water Facility Alternative)	Resource Impact Minimization)			

NI (No impact)

## SU (Significant and unavoidable)

1-106

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Table 1-1           Summary of Impacts and Mitigation Measures						
		Impact	Land/Water/GPA		Significance		
		Mitigation					
the :	following components Description of the pro Description of detenti Goals of the plan. Description of the wa • BMPs that would • public education • sanitary methods • mosquito control • stormwater mana	; ject. on basins and all water features and facilit ter management elements and features that implemented on-site; and awareness; used (e.g., disposal of garbage); methods used (e.g., fluctuating water leve gement (consistent with Stormwater Mana	ies that would control on-site water t would be implemented, including: ls, biological agents, pesticides, larv agement Plan).	levels. racides, circulating wate	r); and		
► The (i.e.	Long-term maintenan association). To reduce the potentia Vector Control District limited to, the followi • build shoreline pe • perform routine marea; • design distribution consideration bui • coordinate cleani • enforce the promy • if the sump, vaulta available surface • design structures (Sacramento Yole project applicant(s) of , Sacramento County).	ce of the detention basins and all related fa al for mosquitoes to reproduce in the deten et to identify and implement BMPs based of ng: erimeters as steep and uniform as practical naintenance to reduce emergent plant dens n piping and containment basins with adec ldup of sediment between maintenance pe ng of catch basins, drop inlets, or storm dr pt removal of silt screens installed during of c, or basin is sealed against mosquitoes, wi area of water for mosquito egg–laying (fer with the appropriate pumping, piping, val- o Mosquito and Vector Control District 20 of the project phase containing the off-site d	acilities (e.g., specific ongoing enfor- tion basins, the project applicant(s) on their potential effectiveness for S ble to discourage dense plant growth sities to facilitate the ability of mosq quate slopes to drain fully and preve riods. Compaction during grading n ains with mosquito treatment operat construction when no longer needed th the exception of the inlet and out male mosquitoes can fly through pip ves, or other necessary equipment to 008). letention basin shall coordinate mitig	ceable conditions or ma shall coordinate with th PA conditions. Potentia ; uito predators (i.e., fish) nt standing water. The o hay also be needed to av ions; to protect water quality let, submerge the inlet a bes); and allow for easy dewater gation for the off-site with	intenance by a homeowner's e Sacramento-Yolo Mosquito and l BMPs could include, but are not to move throughout vegetated design slope should take into oid slumping and settling; ; nd outlet completely to reduce the ing of the unit if necessary ith the affected oversight agency		
Tim Enf	ning: Befo borcement: 1.	For all project-related improvements that Department.	would be located within the City of	Folsom: City of Folson	n Community Development		
No A	action/No Project) tralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Developm	PP (Proposed Project nent) PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimizatio		

AECOM Table 1-1 **Summary of Impacts and Mitigation Measures** Impact Land/Water/GPA Significance Mitigation 2. For the off-site detention basin west of Prairie City Road: Sacramento-Yolo Mosquito and Vector Control District. Significance after Mitigation: less than significant **3B.8 HAZARDS AND HAZARDOUS MATERIALS – WATER** 3B.8-1: Accidental Spill from Routine Transport, Use, or Disposal of Hazardous Water NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct & Materials. Accidental spills of hazardous materials could result during routine indirect PS (construction), direct PS & no indirect transport, use, or disposal activities as part of the implementation of the Off-site Water (operations) Facility Alternatives. NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-1a: Transport, Store, and Handle Construction-Related Hazardous Materials in **Compliance with Relevant Regulations and Guidelines.** The City shall ensure, through the enforcement of contractual obligations, that all contractors transport, store, and handle construction-related hazardous materials in a manner consistent with relevant regulations and guidelines, including those recommended and enforced by Caltrans, Central Valley RWOCB, local fire departments, and the County environmental health department. Recommendations shall include as appropriate transporting and storing materials in appropriate and approved containers, maintaining required clearances, and handling materials using applicable Federal, state and/or local regulatory agency protocols. In addition, all precautions required by the Central Valley RWQCBissued NPDES construction activity stormwater permits shall be taken to ensure that no hazardous materials enter any nearby waterways. In the event of a spill, the City shall ensure, through the enforcement of contractual obligations, that all contractors immediately control the source of any leak and immediately contain any spill utilizing appropriate spill containment and countermeasures. If required by the local fire departments, the local environmental health department, or any other regulatory agency, contaminated media shall be collected and disposed of at an off-site facility approved to accept such media. The storage, handling, and use of the construction-related hazardous materials shall be in accordance with applicable Federal, state, and local laws. Constructionrelated hazardous materials and hazardous wastes (e.g., fuels and waste oils) shall be stored away from stream channels and steep banks to prevent these materials from entering surface waters in the event of an accidental release. These materials shall be kept at sufficient distance (at least 500 feet) from nearby residences or other sensitive land uses. This includes materials stored for expected use, materials in equipment and vehicles, and waste materials. 1, 1A, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-1b: Prepare and Implement a Hazardous Materials Management Plan. The City shall prepare a Hazardous Materials Management Plan (HMMP) for the proposed WTP. The HMMP shall provide for safe storage, containment, and disposal of chemicals and hazardous materials related to WTP operations, including waste materials. The plan shall include, but shall not be limited to, the following: a description of hazardous materials and hazardous wastes; a description of handling, transport, treatment, and disposal procedures, as relevant for each hazardous material or hazardous waste; preparedness, prevention, contingency, and emergency procedures, including emergency contact information; ► A description of personnel training including, but not limited to: (1) recognition of existing or potential hazards resulting from accidental spills or other NP (No Action/No Project) NCP (No USACE Permit) PP (Proposed Project) RIM (Resource Impact Minimization) PA (Preferred Off-site Water Facility Alternative) CD (Centralized Development) RHD (Reduced Hillside Development)

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

Introduction

1-108

B (Beneficial)

NI (No impact)

LTS (Less than significant)
		Summary of Impa	Table 1-1 acts and Mitigation Me	asures	
		Impact	Land/Water/GP/	Ą	Significance
		Mitigation			
releases; (2) in materials and h	nplementation hazardous w	on of evacuation, notification, and other eme astes, as required by their level of responsib	ergency response procedur	es; (3) management, awar	eness, and handling of hazardous
<ul> <li>Instructions on</li> </ul>	h keeping Ma	aterials Safety and Data Sheets (MSDS) on-	site for each on-site, hazar	dous chemical;	
<ul> <li>Identification of sufficient in size</li> </ul>	of the location ze to contain	ons of hazardous material storage areas, incl the volume of the largest container or tank	uding temporary storage a ; and	reas, which shall be equip	ped with secondary containment
► A description of	of equipmen	t maintenance procedures.			
The HMMP shall be monitored.	e made a co	ndition of contractual obligation and shall b	e available for review by c	construction inspectors and	d implementation compliance shall
Implementation:	City of F	olsom Utilities Department			
Timing:	Prior to c	onstruction and operation of all Off-site Wa	ter Facilities		
Enforcement:	1. For Dep	all project-related improvements that would artment.	be located within the City	of Folsom: City of Folso	m Community Development
	2. For Env	the off-site water facilities constructed with ironmental Management Department.	in Sacramento County or t	he City of Rancho Cordov	va: Sacramento County
	3. Othe Con	er regulatory agencies, such as California D trol Board, as appropriate.	epartment of Toxic Substa	nces Control, or Central V	Valley Regional Water Quality
Significance after	Mitigation:	less than significant			
<b>3B.8-2: Create Ac</b> <b>Materials.</b> Constru- significant hazard t upset and accident the environment.	ccident Conduction and op to the public conditions in	<b>litions Involving Potential Release of Haz</b> beration of the Off-site Water Facilities coul or the environment through reasonably fore nvolving the likely release of hazardous mat	<b>cardous</b> Water d create a eseeable terials into	NCP, PA, 1, 1A, 3, 3A, (construction & operation 2, 2A, 2B: direct LTS & PS & no indirect (constru-	<b>4, &amp; 4A:</b> direct PS & no indirect ons) no indirect ( <i>transport &amp; use</i> ), dir <i>uction</i> )
NCP, PA, 1, 1A, 2	, 2A, 2B, 3,	3A, 4, & 4A: Implement Mitigation Measu	res 3B.8-1b, 3B.16-3a, and	3B.16-3b.	
Significance after	Mitigation:	less than significant			
<b>3B.8-3: Introducti</b> Water Facility Alte the introduction of known adverse hea	ion of Drink ernatives wo contaminan lth effects.	<b>ting Water Contaminants.</b> Operation of the uld not create a significant public health risk is into a drinking water supply at concentrat	e Off-site Water through ions with	<b>NCP, PA, 1, 1A, 2, 2A,</b> indirect LTS	2B, 3, 3A, 4, & 4A: no direct &
PA & Alternatives	s 1, 1A, 2, 2	A, 2B, 3, 3A, 4, and 4A: No mitigation mea	asures are required.		
(No Action/No Project) (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proj PA (Preferred Off-	ect) site Water Facility Alternative	RIM (Resource Impact Minimizat
eneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		- Summary of Impac	Table 1-1 ts and Mitigation Me	asures	
		Impact	Land/Water/GP	Significance	
		Mitigation			
Significance afte	r Mitige	ation: less than significant			
<b>3B.8-4: Use of H</b> Operation of the ( hazardous or acut of an existing or p	azardo Off-site tely haz propose	us Materials within One-Quarter Mile of Schools Water Facilities could emit hazardous emissions or ardous materials, substances, or waste within one-qu d school.	• Water handle harter mile	NCP, PA, 1, 1A: no dire 2, 2A, 2B, 3, & 3A: no d 4 & 4A: no direct or indi no direct & indirect PS () NWF: no direct or indire	ct or indirect irect & indirect PS rect ( <i>no educational facilities</i> ), <i>v/in 1/4m of schools</i> ) ct
NCP, PA, 1, 1A:	No mit	igation measures are required.			
2, 2A, 2B, 3, 3A,	4, & 4/	Implement Mitigation Measure 3B.8-1a and 3B.8	-1b.		
Implementation:		City of Folsom Utilities Department			
Timing:		Prior to construction and operation of all Off-site	Water Facilities		
Enforcement:	1.	For all project-related improvements that would be Department.	e located within the City	of Folsom: City of Folsor	n Community Development
	2.	For the off-site water facilities constructed within Environmental Management Department.	Sacramento County or	he City of Rancho Cordov	a: Sacramento County
	3.	Other regulatory agencies, such as California Dep Control Board, as appropriate	artment of Toxic Substa	nces Control, or Central V	alley Regional Water Quality
Significance afte	r Mitige	ution: less than significant			
<b>3B.8-5: Create a</b> Construction of the containing hazard hazard to the pub	<b>Signifi</b> he Off-s lous ma lic or th	cant Hazard to the Public or the Environment. ite Water Facilities could encounter one or more site terials or wastes and, as a result, could create a signi e environment.	Water es listed as ificant	<b>NCP, PA, 1, 1A, 2, 2A, 2</b> indirect PS	2B, 3, 3A, 4, & 4A: no direct &
NCP, PA, 1, 1A, construction, the selected conveyan Environmental Si	<b>2, 2A,</b> City sha nce pipe ite Asse	<b>2B, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.8-5a:</b> all conduct a Phase 1 Environmental Site Assessment bline alignment, pump station, well, and WTP site. If ssment, the City shall implement Mitigation Measur	<b>Conduct Phase 1 Envir</b> according to American f any hazardous materia e 3.8-5b.	<b>conmental Site Assessmen</b> n Society for Testing and M ls or waste sites are identifi	<b>At for Selected Alignment.</b> Prior faterials (ASTM) protocol for the ed during the Phase 1
Implementation:	City of	Folsom Utilities Department			
Timing:	Prie	or to construction of all Off-site Water Facilities			
Enforcement:	1.	For all project-related improvements that would be le	ocated within the City of	Folsom: City of Folsom Cor	mmunity Development Department
	2.	For the off-site water facilities constructed within	Sacramento County or t	he City of Rancho Cordov	a: Sacramento County
(No Action/No Projec (Centralized Develop	ct) pment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ject) site Water Facility Alternative	RIM (Resource Impact Minimiza )
eneficial)	NI (No i	mpact) LTS (Less than significant) F	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable

		Summary of Imp	Table 1-1 acts and Mitigation Measu	res				
_		Impact	Land/Water/GPA		Significance			
		Mitigation						
		Environmental Management Department.						
	3.	Other regulatory agencies, such as California D Control Board, as appropriate.	epartment of Toxic Substances	Control, or Central Va	lley Regional Water Quality			
Mitigation Measu of existing contam be delineated durin contaminated areas that hazardous mat	re 3B. inated ng final s shall erials y	8-5b: Develop and Implement a Remediation I areas, the extent of contamination from hazardou design. Disturbance to contaminated areas durin be undertaken in compliance with standards appr will not be released as a result of the ground distu	<b>Plan.</b> If determined necessary to s materials sites within or adjac g Off-site Water Facilities cons oved by the DTSC or Sacramen urbance.	o mitigate for potential ent to the Off-site Wate truction shall be avoide to County Department	hazards resulting from disturbance er Facilities construction area shal ed, or any work done within of Environmental Health to ensur			
Additionally, if un work shall be halte appropriate regulat	identified in the	ed contaminated soil or groundwater are encount e area of potential exposure, and the type and ext encies, will then develop and implement a plan to	tered, or if suspected contamina ent of contamination shall be id premediate the contamination a	tion is encountered dur entified. A qualified p nd properly dispose of	ing any construction activities, rofessional, in consultation with the contaminated material.			
Implementation:	City	v of Folsom Utilities Department						
Timing:	Pric	or to construction of all Off-site Water Facilities	to construction of all Off-site Water Facilities					
Enforcement:	1.	For all project-related improvements that would Department.	d be located within the City of F	folsom: City of Folsom	Community Development			
	2.	For the off-site water facilities constructed with Environmental Management Department.	in Sacramento County or the C	ity of Rancho Cordova	: Sacramento County			
	3.	Other regulatory agencies, such as California D Control Board, as appropriate.	epartment of Toxic Substances	Control, or Central Va	lley Regional Water Quality			
Significance after	Mitiga	tion: less than significant						
<b>3B.8-6: Impair or</b> <b>Emergency Evacu</b> impair implementa plan or emergency	Interf ation tion of evacua	<b>Gere with an Adopted Emergency Response Pla</b> <b>Plans.</b> Implementation of the Off-site Water Fac For physically interfere with an adopted emergen ation plan.	ans or Water NC ilities would no cy response	<b>P, PA, 1, 1A, 2, 2A, 2</b> indirect	<b>B, 3, 3A, 4, &amp; 4A:</b> direct LTS &			
NCP, PA, 1, 1A, 2	2, 2A, 2	B, 3, 3A, 4, & 4A: No mitigation measures are r	equired.					
Significance after	Mitiga	tion: less than significant						
(No Action/No Project (Centralized Develop	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimization			
3eneficial)	VI (No ir	npact) LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)			

Impact         Land/Water/GPA         Significance           3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water Facilities could expose people or structures to a significant risk of loss, injury or death involving wildland fires.         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS indirect           NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ens through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-produc equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible mate order to maintain a firebreak. Any construction equipment that normally includes a spark arrester shall be equipped with an arrester in good working order. T includes, but is not limited to, vehicles, heavy equipment, and chainsaws.           Implementation:         City of Folsom Utilities Department           Timing:         Prior to construction and operation of all Off-site Water Facilities           Enforcement:         1. For all project-related improvements that would be located within the City of Folsom Community Development Department.           2.         For the off-site water facilities construction activities is immediately extinguished. All off-road equipment using internal combustion engine shall be equipped with spark arrestors.           Implementation:         City of Folsom Utilities Department           Timing:         Prior to construction and operation of all Off-site Water Facilities </th <th>Impact         Land/Water/GPA         Significance           Mitigation         3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water         Water         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, &amp; 4A: direct PS &amp; indirect           Facilities could expose people or structures to a significant risk of loss, injury or death indirect         indirect         indirect           Involving wildland fires.         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensur through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials or clear of for boles clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials or development. Thi includes, but is not limited to, vehicles, heavy equipment, and chainsaws.           Implementation:         City of Folsom Utilities Department           Timing:         Prior to construction and operation of all Off-site Water Facilities           Enforcement:         1.         For all project-related improvements that would be located within the City of Folsom Contrours: Sacramento County Fire Department           Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is imme</th> <th></th> <th></th> <th>Summary of Impac</th> <th>Table 1-1 ts and Mitigation M</th> <th>easures</th> <th></th>	Impact         Land/Water/GPA         Significance           Mitigation         3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water         Water         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & indirect           Facilities could expose people or structures to a significant risk of loss, injury or death indirect         indirect         indirect           Involving wildland fires.         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensur through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials or clear of for boles clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials or development. Thi includes, but is not limited to, vehicles, heavy equipment, and chainsaws.           Implementation:         City of Folsom Utilities Department           Timing:         Prior to construction and operation of all Off-site Water Facilities           Enforcement:         1.         For all project-related improvements that would be located within the City of Folsom Contrours: Sacramento County Fire Department           Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is imme			Summary of Impac	Table 1-1 ts and Mitigation M	easures	
Miligation           3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water Facilities could expose people or structures to a significant risk of loss, injury or death involving wildland fires.         Water NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS indirect           NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ens through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-produc equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible mater order to maintain a frebreak. Any construction equipment that normally includes a spark arrester shall be equipped with an arrester in good working order. T includes, but is not limited to, vehicles, heavy equipment, and chainsaws. Implementation: City of Folsom Utilities Department Timing: Prior to construction and operation of all Off-site Water Facilities           Enforcement:         1. For all project-related improvements that would be located within the City of Folsom Community Development Department.           2. For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department           Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Witigation Measure         City of Folsom Utilities Department           Implementation:         City of Folsom Utilities Department           Implementation:         City of Folsom Utilities Department           Mitigation Measure         B.8	Mitigation         3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water Facilities could expose people or structures to a significant risk of loss, injury or death involving wildland fires.       NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & indirect         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensur through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materia order to maintain a firebreak. Any construction quipment than normally includes a spark arrester shall be equipped with an arrester in good working order. Thi includes, but is not limited to, vehicles, heavy equipment, and chainsaws.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom Community Development Department.         2.       For the off-site water facilities construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.			Impact	Land/Water/G	PA Significance	
3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water       Water       NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS indirect         Facilities could expose people or structures to a significant risk of loss, injury or death involving wildland fires.       NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS indirect         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall enst through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-produc equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials to a tool serve as fire fuel. The contractor shall keep these areas clear of combustible materials includes, but is not limited to, vehicles, heavy equipment, and chainsaws.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom Condova: Sacramento County Fire Department.         Mitigation Measure       3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion enging shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Departme	3B.8-7: Exposure to Wildland Fire Hazards. Implementation of the Off-site Water Facilities could expose people or structures to a significant risk of loss, injury or death involving wildland fires.       Water NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS & indirect         NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensur through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materia order to maintain a firebreak. Any construction equipment that normally includes a spark arrester shall be equipped with an arrester in good working order. Thi includes, but is not limited to, vehicles, heavy equipment, and chainsaws.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom Community Development Department.         Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and			Mitigation			
<ul> <li>NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensithrough the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-produce equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materials that could serve as park arrester shall be equipped with an arrester in good working order. The construction and operation of all Off-site Water Facilities</li> <li>Enforcement:         <ul> <li>For the off-site water facilities construction activities is immediately extinguished. All off-road equipment using internal combustion enging shall be</li></ul></li></ul>	<ul> <li>NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.8-7a: Keep Construction Area Clear of Combustible Materials. The City shall ensur through the enforcement of contractual obligations that during construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. The contractor shall keep these areas clear of combustible materia order to maintain a firebreak. Any construction equipment than tormally includes a spark arrester shall be equipped with an arrester in good working order. Thi includes, but is not limited to, vehicles, heavy equipment, and chainsaws.</li> <li>Implementation: City of Folsom Utilities Department</li> <li>Timing: Prior to construction and operation of all Off-site Water Facilities</li> <li>Enforcement: 1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>2. For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department</li> <li>Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.</li> <li>Implementation: City of Folsom Utilities Department</li> <li>Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment has prior to construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.</li> <li>Implementation: City of Folsom Utilities Department</li> <li>For to construction and op</li></ul>	<b>3B.8-7: Exposure</b> Facilities could exp involving wildland	to Wil bose pe fires.	<b>Idland Fire Hazards.</b> Implementation of the Off-sit cople or structures to a significant risk of loss, injury	e Water Water or death	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, 8 indirect	<b>&amp; 4A:</b> direct PS & n
Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department         Mitigation Measure       3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engine shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Prior to construction and operation of all Off-site Water Facilities       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       .       For all project-related improvements that would be located within the City of Folsom Community Development Department.         Enforcement:       .       For all project-related improvements that would be located within the City of Folsom Community Development Department.         Second of the off-site water facilities constructed within Sacramento County or the City of Folsom Community Development Department.         City of role off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Departme	Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department         Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment.       Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1.       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         Significance after Mitigation:       Ess than significant       Ess than significant	NCP, PA, 1, 1A, 2 through the enforce equipment shall be order to maintain a includes, but is not	, 2A, 2 ement cleare firebr limite	<b>2B, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.8-7a:</b> I of contractual obligations that during construction, s d of dried vegetation or other materials that could see ak. Any construction equipment that normally included to, vehicles, heavy equipment, and chainsaws.	Keep Construction A taging areas, welding erve as fire fuel. The c udes a spark arrester sl	rea Clear of Combustible Materials. The areas, or areas slated for development usin portractor shall keep these areas clear of co hall be equipped with an arrester in good w	e City shall ensure, ng spark-producing mbustible materials vorking order. This
Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department         Mitigation Measure       3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engine shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom Community Development Department.         Sector       2. For the off-site water facilities constructed within Sacramento County or the City of Folsom Community Development Department.	Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2. For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department         Mitigation Measure       3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Prior to construction and operation of all Off-site Water Facilities       For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         Enforcement:       I. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         Significance after Witigation: less than significant	Implementation:	City	of Folsom Utilities Department			
<ul> <li>Enforcement:         <ol> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department</li> </ol> </li> <li>Mitigation Measure 3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engine shall be equipped with spark arrestors.</li> <li>Implementation: City of Folsom Utilities Department</li> <li>Timing: Prior to construction and operation of all Off-site Water Facilities</li> <li>Enforcement:         <ol> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> </ol> </li> </ul>	Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2. For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department         Mitigation Measure       3B.8-7b: Provide Accessible Fire Suppression Equipment. Work crews shall be required to carry or have sufficient fire suppression equipment to ensure that any fire resulting from construction activities is immediately extinguished. All off-road equipment using internal combustion engines shall be equipped with spark arrestors.         Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         Significance after Mitigation: less than significant       Significance after Mitigation: less than significant	Timing:	Pric	or to construction and operation of all Off-site Water	Facilities		
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Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department	Implementation:       City of Folsom Utilities Department         Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department.         Significance after Mitigation: less than significant	Mitigation Measu equipment to ensur shall be equipped v	<b>re 3B.</b> e that vith sp	8-7b: Provide Accessible Fire Suppression Equip any fire resulting from construction activities is imm ark arrestors.	<b>ment.</b> Work crews sh nediately extinguished	all be required to carry or have sufficient a All off-road equipment using internal con	fire suppression mbustion engines
Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department	Timing:       Prior to construction and operation of all Off-site Water Facilities         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2.       For the off-site water facilities constructed within Sacramento County or the City of Rancho Cordova: Sacramento County Fire Department.         Significance after Mitigation: less than significant	Implementation:	City	of Folsom Utilities Department			
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Department.	Significance after Mitigation: less than significant		2.	For the off-site water facilities constructed within Department.	Sacramento County or	the City of Rancho Cordova: Sacramento	County Fire
Significance after Mitigation: less than significant		Significance after	Mitiga	tion: less than significant			
		(No Action/No Project) (Centralized Developm	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed P PA (Preferred O	oject) RIM (Resou f-site Water Facility Alternative)	rce Impact Minimizat

	Summary of Impa	Table 1-1 acts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
3A.9 HYDROLOGY AND W	ATER QUALITY - LAND		
<b>3A.9-1: Potential Temporary</b> <b>Water Quality Effects.</b> Const involve extensive grading and site drainage patterns and coul pollutants in on-site stormwate water quality.	<b>y</b> , <b>Short-Term Construction-Related Drain</b> ruction activities during project implementat movement of earth, which would substantial d generate sediment, erosion, and other nonp er that could drain to off-site areas and degra	age andLandONion wouldNP: direct &ly alter on-NCP, PP, Rooint sourcede local	I- & OFF-SITE t indirect LTS IM, CD, RHD: direct & indirect significant
NP: No mitigation measures a	re required.		
NCP, PP, RIM, CD, RHD: W to the issuance of grading perm part of a larger project) shall o preparation and submittal of a erosion and sediment control a County (for the off-site roadw	<b>fitigation Measure 3A.9-1: Acquire Appro</b> nits, the project applicant(s) of all projects di btain coverage under the SWRCB's NPDES project-specific SWPPP at the time the NOI and engineering plans and specifications for p ays into El Dorado Hills under the Proposed	priate Regulatory Permits and Prepa sturbing one or more acres (including p stormwater permit for general construct is filed. The project applicant(s) shall a pollution prevention and control to Sacra Project Alternative). The SWPPP and o	are and Implement SWPPP and BMPs. Prior hased construction of smaller areas which are tion activity (Order 2009-0009-DWQ), including lso prepare and submit any other necessary amento County, City of Folsom, El Dorado ther appropriate plans shall identify and specify:
<ul> <li>the use of an effective corr project area at the time of sources of mercury from j measures, sedimentation j</li> </ul>	nbination of robust erosion and sediment cor construction, that shall reduce the potential project-related construction sites. These may ponds, inlet protection, perforated riser pipes	trol BMPs and construction techniques for runoff and the release, mobilization, include but would not be limited to tem , check dams, and silt fences	accepted by the local jurisdictions for use in the and exposure of pollutants, including legacy porary erosion control and soil stabilization
<ul> <li>the implementation of appressibilities;</li> </ul>	proved local plans, non-stormwater managem	ent controls, permanent post-construction	on BMPs, and inspection and maintenance
<ul> <li>the pollutants that are like lubricants, and other types</li> </ul>	ly to be used during construction that could s of materials used for equipment operation;	be present in stormwater drainage and n	onstormwater discharges, including fuels,
<ul> <li>spill prevention and contin operation, and emergency</li> </ul>	ngency measures, including measures to prev procedures for responding to spills;	vent or clean up spills of hazardous wast	e and of hazardous materials used for equipment
<ul> <li>personnel training require BMPs specified in the SW</li> </ul>	ments and procedures that shall be used to en /PPP; and	nsure that workers are aware of permit re	equirements and proper installation methods for
► the appropriate personnel	responsible for supervisory duties related to	implementation of the SWPPP.	
Where applicable, BMPs ident subsequent site development a	tified in the SWPPP shall be in place through ctivities. BMPs may include, but are not lim	out all site work and construction/demo ited to, such measures as those listed be	lition activities and shall be used in all low.
<ul> <li>Implementing temporary of compliance with state and</li> </ul>	erosion and sediment control measures in dis local standards in effect at the time of const	turbed areas to minimize discharge of services of the service of t	ediment into nearby drainage conveyances, in t fences, staked straw bales or wattles,
(No Action/No Project) (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Faci	RIM (Resource Impact Minimization
Beneficial) NI (No impact	LTS (Less than significant)	PS (Potentially significant) S (Sign	ificant) SU (Significant and unavoidable)

		T Summary of Impact	able 1-1 s and Mitigation Measures		
		Impact	Land/Water/GPA	Significance	
		Mitigation			
sediment/silt b	asins a	and traps, geofabric, sandbag dikes, and temporary v	egetation.		
<ul> <li>Establishing per filtration and tr</li> </ul>	erman ranspi	ent vegetative cover to reduce erosion in areas distur- ration.	bed by construction by slowing runoff	velocities, trapping sediment, and enhancing	
<ul> <li>Using drainage to a watercours along roadway</li> </ul>	e swale se or c s and	es, ditches, and earth dikes to control erosion and run hannel, preventing sheet flow over sloped surfaces, j facility infrastructure.	noff by conveying surface runoff down preventing runoff accumulation at the b	sloping land, intercepting and diverting runo base of a grade, and avoiding flood damage	
A copy of the appro	oved S	WPPP shall be maintained and available at all times	on the construction site.		
For those areas that overall project SW avoided or minimiz	t woul PPP, c zed to	d be disturbed as part of the U.S. 50 interchange imp or develop and implement its own SWPPP specific to the maximum extent practicable.	provements, Caltrans shall coordinate we the interchange improvements, to ensu	with the development and implementation of a ure that water quality degradation would be	
Mitigation for the oproject phase with	off-site the aff	elements outside of the City of Folsom's jurisdictio ected oversight agency(ies) (i.e., El Dorado and/or S	nal boundaries must be coordinated by acramento Counties, or Caltrans).	the project applicant(s) of each applicable	
Implementation:	Pro	ject applicant(s) during all project phases and on-site	e and off-site elements.		
Timing:	Submittal of the State Construction General Permit NOI and SWPPP (where applicable) and development and submittal of any other locall required plans and specifications before the issuance of grading permits for all on-site project phases and off-site elements and implementation throughout project construction				
Enforcement:	1.	For all project-related improvements that would be Department.	e located within the City of Folsom: Cit	ty of Folsom Community Development	
	2.	For the two roadway connections in El Dorado Hil	ls: El Dorado County Department of T	ransportation.	
	3.	For the detention basin west of Prairie City Road:	Sacramento County Planning and Com	munity Development Department.	
	4.	For the U.S. 50 interchange improvements: Caltrar	1S.		
	5.	For all construction activities subject to the state's enforcement: Central Valley Regional Water Quali	Construction General Permit and viola ity Control Board.	tors of local ordinances referred to the state	
Significance after	Mitigo	ution: less than significant			

1-114

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Ta Summary of Impacts	able 1-1 s and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
<b>3A.9-2: Potential Increased Ri</b> <b>Increased Stormwater Runoff</b> impervious surfaces on the SPA surface runoff would result in an discharge rate of stormwater run on- and off-site flooding.	sk of Flooding and Hydromodification from Project implementation would increase the an , thereby increasing surface runoff. This increase in increase in both the total volume and the pear off, and therefore could result in greater poten	n Land O nount of NP: direct ase in NCP, PP, k ttial for	N- & OFF-SITE & indirect LTS RIM, CD, RHD: direct & indirect PS
NP: No mitigation measures are	required.		
<b>Plans.</b> Before the approval of gr El Dorado County for the off-sit the SPA, and that project-related controls, biotechnical stream sta	ading plans and building permits, the project a re roadway connections into El Dorado Hills, c d on-site runoff would be appropriately contain bilization) to reduce flooding and hydromodfi	applicant(s) of all project phases sh lemonstrating that off-site upstrean ned in detention basins or managed cation impacts.	all submit final drainage plans to the City, and to a runoff would be appropriately conveyed throug with through other improvements (e.g., source
The plans shall include, but not	be limited to, the following items:		
<ul> <li>an accurate calculation of p changes to runoff, including</li> </ul>	re-project and post-project runoff scenarios, ol g increased surface runoff;	otained using appropriate engineeri	ng methods, that accurately evaluates potential
<ul> <li>runoff calculations for the 1 drainage pipeline sizes cont</li> </ul>	0-year and 100-year (0.01 AEP) storm events firmed based on alignments and detention facil	(and other, smaller storm events as ity locations finalized in the design	required) shall be performed and the trunk a phase;
<ul> <li>a description of the propose</li> </ul>	d maintenance program for the on-site drainag	ge system;	
<ul> <li>project-specific standards for</li> </ul>	or installing drainage systems;		
<ul> <li>City and El Dorado County</li> </ul>	flood control design requirements and measure	res designed to comply with them;	
Implementation of stormwa hydromodification and main Hydromodification Manage	ter management BMPs that avoid increases in ntain current stream geomorphology. These Bl ment Plan (to be adopted by the RWQCB) and	the erosive force of flows beyond MPs will be designed and construct d may include, but are not limited t	a specific range of conditions needed to limit ted in accordance with the forthcoming SSQP o, the following:
• use of Low Impact Dev limited to: surface swal disconnection; and tree	velopment (LID) techniques to limit increases les; replacement of conventional impervious su s planted to intercept stormwater);	in stormwater runoff at the point of urfaces with pervious surfaces [e.g.	Forigination (these may include, but are not , porous pavement]; impervious surfaces
enlarged detention basi	ns to minimize flow changes and changes to fl	low duration characteristics;	
<ul> <li>bioengineered stream s provide for enhanceme</li> </ul>	tabilization to minimize bank erosion, utilizing nt of riparian habitat and maintenance of natur	g vegetative and rock stabilization, al hydrologic and channel to flood	and inset floodplain restoration features that plain interactions;
minimize slope difference	ces between any stormwater or detention facility	outfall channel with the existing rece	eiving channel gradient to reduce flow velocity; an
No Action/No Project) Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Fa	RIM (Resource Impact Minimizativ

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B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 pacts and Mitigation Me	asures	
		Impact	Land/Water/GP	Ą	Significance
		Mitigation			
minimize     bottom bo	to the extent po x culverts to all	ssible detention basin, bridge embankm ow sediment passage on smaller draina	nent, and other encroachmen ge courses.	nts into the channel and flo	podplain corridor, and utilize open
<ul> <li>The final drain County Depart damage to stru such that exist estimate shoul Department).</li> </ul>	age plan shall d ment of Transp ctures within or ing stream geon d be used, e.g.,	emonstrate to the satisfaction of the Ci ortation that 100-year (0.01 AEP) flood down gradient of the SPA would not on orphology would be changed (the rang an Ep of $1 \pm 10\%$ or other as approved b	ty of Folsom Community D I flows would be appropriat occur, and that hydromodifie ge of conditions should be c by the Sacramento Stormwa	evelopment and Public W ely channeled and contain cation would not be increa alculated for each receivin ter Quality Partnership and	orks Departments and El Dorado ed, such that the risk to people or sed from pre-development levels g water if feasible, or a conservati d/or City of Folsom Public Works
Mitigation for the oppoject phase with	off-site elements El Dorado Cour	outside of the City of Folsom's jurisdi	ctional boundaries must be	coordinated by the project	applicant(s) of each applicable
Implementation:	Project appli	cant(s) during all on-site project phases	and off-site elements.		
Timing:	Before appro	val of grading plans and building perm	its of all project phases.		
Enforcement:	1. For all j	project-related improvements that woul	d be located within the City	of Folsom: City of Folsor	n Public Works Department.
	2 For the	two roadway connections in El Dorado	Hills: El Dorado County F	enartment of Transportation	on
Significance after	Mitigation: less	than significant	11115: 21 2 01 <b>00</b> 00 00 01 2	•parameter of frameporade	
<b>3A.9-3: Long-Tern</b> Project implementa and commercial us pollutant discharge Creek, Coyote Crea	m Water Quali ation would con es, thereby char s in stormwater ek, Carson Cree	ty and Hydrology Effects from Urba wert a large area of undeveloped land to ging the amount and timing of potentia and other urban runoff to Alder Creek, k, and other on- and off-site drainages.	n Runoff. Land b residential ll long-term Buffalo	ON- & OFF-SI NP: direct & indirect LT NCP, PP, RIM, CD, RE	TE S ID: direct & indirect PS
<b>NP:</b> No mitigation	measures are re	quired			
NCP, PP, RIM, C small lot subdivision maintenance plan s shall be submitted with development of nonstructural BMP	<b>D, RHD: Mitig</b> on map grading hall be prepared to the City of Fo of tentative subc s proposed for t	ation Measure 3A.9-3: Develop and I permits for all project phases any devel by a qualified engineer retained by the olsom and El Dorado County for the off livision maps for all project phases. The he project. The plan shall include the el	<b>Examplement a BMP and Wa</b> <u>lopment project requiring a</u> <u>e project applicant(s) <del>of all f</del> f-site roadway connections e plan shall finalize the wat lements described below.</u>	ater Quality Maintenance subdivision map, a detaile project phases the develop into El Dorado Hills, for re er quality improvements a	e <b>Plan.</b> Before approval of the fina d BMP and water quality <u>ment project</u> . Drafts of the plan eview and approval concurrently nd further detail the structural and
► A quantitative	hydrologic and	water quality analysis of proposed con-	ditions incorporating the pr	oposed drainage design fea	atures.
<ul> <li>Predevelopment of Folsom and</li> </ul>	nt and postdeve including detai	opment calculations demonstrating that s regarding the size, geometry, and fur	t the proposed water quality inclined timing of storage and	BMPs meet or exceed red and release pursuant to the '	quirements established by the City "Stormwater Quality Design
(No Action/No Project) (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	iect) site Water Facility Alternative	RIM (Resource Impact Minimization)
eneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

			Table 1-1           Summary of Impacts and Mitigation Measures	
		Impact	Land/Water/GPA	Significance
		Mitigation		
M D	lanual for Sac orado County	cramento and South Placer Regions 's NPDES SWMP (County of El D	" ([SSQP 2007b] per NPDES Permit No. CAS082597 WE Dorado 2004).	DR Order No. R5-2008-0142, page 46) and El
► So ho ar	ource control ousehold haza reas.	programs to control water quality pardous waste collection, waste mini	pollutants on the SPA, which may include but are limited t mization, prevention of spills and illegal dumping, and eff	o recycling, street sweeping, storm drain clean active management of public trash collection
► A re	pond managesponsible par	ement component for the proposed rties for maintenance and funding.	basins that shall include management and maintenance rec	quirements for the design features and BMPs,
► Ll	ID control me	easures shall be integrated into the I	BMP and water quality maintenance plan. These may inclu	ide, but are not limited to:
•	surface sw replacement impervious trees plant	ales; nt of conventional impervious surfa s surfaces disconnection; and ed to intercept stormwater.	nces with pervious surfaces (e.g., porous pavement);	
► N pa "S ba	ew stormwate atterns. The re Stormwater Q asins and othe	er facilities shall be placed along th eduction in runoff as a result of the puality Design Manual for the Sacra er water quality BMPs shall be sized	e natural drainage courses within the SPA to the extent pra LID configurations shall be quantified based on the runoff mento and South Placer Regions, Chapter 5 and Appendix d to handle these runoff volumes.	acticable so as to mimic the natural drainage Freduction credit system methodology describ t D4" (SSQP 2007b) and proposed detention
For the implemented of the formation of	ose areas that nentation of t lation would	would be disturbed as part of the U the overall project SWPPP, or develop be avoided or minimized to the max	J.S. 50 interchange improvements, it is anticipated that Ca lop and implement its own SWPPP specific to the intercha ximum extent practicable.	ltrans would coordinate with the development nge improvements, to ensure that water quali
Mitiga projec	tion for the o t phase with l	off-site elements outside of the City El Dorado County and Caltrans.	of Folsom's jurisdictional boundaries must be coordinated	by the project applicant(s) of each applicable
Impler	mentation:	Project applicant(s) during all on	-site project phases and off-site elements.	
Timing	g:	Prepare plans before the issuance construction.	e of grading permits for all project phases and off-site elem	nents and implementation throughout project
Enforc	cement:	1. For all project-related impro Department and Public Wor	ovements that would be located within the City of Folsom: rks Department.	City of Folsom Community Development
		2. For the two roadway connect	ctions in El Dorado Hills: El Dorado County Department o	of Transportation.
		3. For the U.S. 50 interchange	improvements: Caltrans.	
a	icance after i	Mitigation: less than significant		

RIM (Resource Impact Minimization)

		Summary of Impa	Table 1-1 acts and Miti	gation Me	asures	
		Impact	Lar	nd/Water/GP/	ł	Significance
		Mitigation				
<b>3A.9-4: Potential</b> <b>Flooding as a Res</b> protected by levee however, there are	Exposure of Peo sult of the Failur and is not locat e existing dams in	<b>ople or Structures to a Significant Ris</b> <b>e of a Levee or Dam.</b> The SPA is not in ed within the Folsom Dam inundation z upounding water within and upstream of	<b>k of</b> n an area one; f the SPA.	Land	ON- & OFF-SIT NP: direct & indirect LTS NCP, PP, RIM, CD, RH	TE S D: direct PS, no indirect
NP: No mitigation	n measures are red	quired.				
NCP, PP, RIM, C Improvements if conduct studies to risk of flooding as drainage improver	<b>CD, RHD: Mitiga</b> <b>Necessary.</b> Prior determine the ex a result of the fa ments, subject to	tion Measure 3A.9-4: Inspect and Ev to submittal to the City of tentative map tent of inundation in the case of dam fai ilure of a dam, the applicants(s) shall im the approval of the City of Folsom Publ	raluate Existin ps or improver ilure. If the stu pplement of an ic Works Depa	ng Dams Wi nent plans the dies determing y feasible re artment.	thin and Upstream of the ne project applicant(s) of al ne potential exposure of pe commendations provided i	e <b>Project Site and Make</b> l project phases shall perform cople or structures to a significant n that study, potentially through
Implementation:	Project applic	ant(s) of all on-site project phases and c	off-site elemen	ts.		
Timing:	Prior to subm	ittal to the City of tentative maps or imp	provement plar	18.		
Enforcement:	City of Folson	n Public Works Department.				
Significance after	• Mitigation: less	than significant				
3A.9-5: Potential of rainwater and re- locally by the devi infiltration and rec <u>to Implementation</u> floodplain has been planned consisten	Effects on Grou elated runoff and elopment of addit charge. Potential on of SB 5. A deli on developed for t t with SB 5 requir	ndwater Recharge. Shallow and deep consequent depth to groundwater could ional impervious surfaces, which could Exposure to 200-Year (0.005 AEP) Fl neation of the proposed 200-year (0.005 he SPA and all development activities v rements.	percolation be affected limit lood Prior 5 AEP) vould be	Land	ON- & OFF-SI NP: <u>no</u> direct & indirect <del>I</del> NCP, PP, RIM, CD, RH	ΓΕ 2 <del>S</del> D: direct & indirect LTS
NP: No mitigation NCP, PP, RIM, C Significance after	n measures are rea C <b>D, RHD:</b> No mi • <i>Mitigation: less</i>	quired. tigation measures are required. <i>than significant</i>				
<b>3A.9-6: Potential</b> of rainwater and relocally by the devinifiltration and reco	Effects on Grou elated runoff and elopment of addit charge.	ndwater Recharge. Shallow and deep consequent depth to groundwater could ional impervious surfaces, which could	percolation be affected limit	Land	ON- & OFF-SIT NP: direct & indirect PS NCP, PP, RIM, CD, RH	TE D: direct & indirect LTS
<b>NP:</b> No mitigation <b>NCP, PP, RIM, O</b> <i>Significance after</i>	n measures may b C <b>D, RHD:</b> No mi • <i>Mitigation: less</i>	e imposed. tigation measures are required. <i>than significant</i>				
IP (No Action/No Projec D (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (F PA (F	Proposed Proj Preferred Off-	ect) site Water Facility Alternative)	RIM (Resource Impact Minimization
(Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially	y significant)	S (Significant)	SU (Significant and unavoidable)

	Table Summary of Impacts and	1-1 d Mitigation Me	asures	
	Impact	Land/Water/GP	A Sign	ificance
	Mitigation			
3B.9 HYDROLOGY AND V	VATER QUALITY – WATER			
<b>3B.9-1: Potential Temporary</b> <b>Water Quality Effects.</b> Const discharges to surface water res standards or waste discharge r	<b>y, Short-Term Construction-Related Drainage and</b> ruction of the Off-site Water Facilities could generat sources that could potentially violate water quality equirements.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 4 indirect PS (construction-related	3A, 4, & 4A: direct & d water quality)
NCP, PA, 1, 1A, 3, 3A, 4, & 4 The City shall prepare a SWPI general construction activity (( from project-related constructi and agency contacts. The SWI work and shall be made condit in the following categories:	<b>4A: Mitigation Measure 3B.9-1a: Acquire Approp</b> PP specific to the selected Off-site Water Facility Alt Order 2009-0009-DWQ). The SWPPP shall identify so on sources by identifying a practical sequence for sit PPP shall reflect localized surface hydrological condi- tions of the contract with the contractor selected to bu	riate Regulatory ernative and secur specific actions ar e restoration, BM tions and shall be ild the Off-site W	Permits and Prepare and Impl e coverage under SWRCB's NPI d BMPs relating to the preventio P implementation, contingency n reviewed and approved by the Ci ater Facilities. The SWPPP shall	lement SWPPP and BMPs DES stormwater permit for on of stormwater pollution neasures, responsible parties ity prior to commencement l incorporate control measure
<ul> <li>soil stabilization and eros</li> </ul>	ion control practices (e.g., hydroseeding, erosion con	rol blankets, mul	ching, etc.;	
<ul> <li>dewatering and/or flow di</li> </ul>	version practices, if required (see Mitigation Measure	e 3B.9-1b);		
<ul> <li>sediment control practices</li> </ul>	s (temporary sediment basins, fiber rolls, etc.);			
<ul> <li>temporary and post-constr</li> </ul>	ruction on- and off-site runoff controls;			
<ul> <li>special considerations and</li> </ul>	BMPs for water crossings, wetlands, drainages, and	vernal pools;		
<ul> <li>monitoring protocols for c material, oil and grease, p</li> </ul>	lischarge(s) and receiving waters, with emphasis plac H, and turbidity;	ed on the followi	ng water quality objectives: disso	lved oxygen, floating
► waste management, handl	ing, and disposal control practices;			
<ul> <li>corrective action and spill</li> </ul>	contingency measures;			
<ul> <li>agency and responsible pa</li> </ul>	arty contact information, and			
<ul> <li>training procedures that sl SWPPP.</li> </ul>	hall be used to ensure that workers are aware of perm	it requirements ar	d proper installation methods for	BMPs specified in the
The SWPPP shall be prepared technology that is economicall and grease, acidic or caustic su where applicable (i.e., observa elimination, (inadvertent petro Implementation: City of I	by a qualified SWPPP practitioner with BMPs select y achievable. Emphasis for BMPs shall be placed on ibstances or compounds, and turbidity. Performance tion of above-normal sediment release), or by actual leum release) as required to determine adequacy of the folsom Utilities Department	ed to achieve may controlling disch and effectiveness water sampling in he measure.	imum pollutant removal and rep arges of oxygen-depleting substa of these BMPs shall be determine cases where verification of cont	resent the best available nces, floating material, oil ed either by visual means aminant reduction or
	onom o unitos population			
No Action/No Project) Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ect) RIM site Water Facility Alternative)	1 (Resource Impact Minimizat

S (Significant)

1-119

AECOM Revisions to the DEIR/DEIS

		Ta Summary of Impact	able 1-1 s and Mitigation Measures			
		Impact	Land/Water/GPA	Significance		
		Mitigation				
Timing:	Dev	velopment of the SWPPP prior to construction of all C	Off-site Water Facilities and implement	entation throughout construction.		
Enforcement:	1.	Central Valley Regional Water Quality Control Boa	ard.			
	2.	For all project-related improvements that would be Department.	located within the City of Folsom: C	City of Folsom Community Development		
	3.	For improvements within unincorporated Sacramen Community Development Department or City of R	to County or City of Rancho Cordov ancho Cordova Planning Department	va: Sacramento County Planning and t.		
Water Quality Co accordance with C discharge, and met directly to surface	re 3B. ontrol entral hods o water	<b>9-10: Properly Dispose of Hydrostatic Test Water</b> <b>Board.</b> All hydrostatic test water and construction de Valley RWCQB requirements. The City or its constru- f treatment and monitoring for all hydrostatic test wa podies.	and Construction Dewatering in A watering shall be discharged to an ap action contractor shall provide the Ce ter discharges. Emphasis shall be pla	Accordance with the Central Valley Region opproved land disposal area or drainage facility entral Valley RWQCB with the location, type aced on those discharges that would occur		
Implementation:	Cit	of Folsom Utilities Department				
Timing:	Incorporation measures into SWPPP prior to construction and implementation throughout construction, as appropriate.					
Enforcement:	1.	Central Valley Regional Water Quality Control Boa	ard.			
	2.	For all project-related improvements that would be Department.	located within the City of Folsom: C	City of Folsom Community Development		
	2	For improvements within unincorporated Sacramer	to County or City of Rancho Cordov	va: Sacramento County Planning and		
	5.	Community Development Department or City of Ra	ancho Cordova Planning Department	t.		
Mitigation Measu	re: Im	Community Development Department or City of R. plement Mitigation Measures 3A.3-1a and 3A.3-1b.	ancho Cordova Planning Department	t.		
<b>Mitigation Measu</b> Implementation:	re: Im Cit <u>y</u>	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. <sup>7</sup> of Folsom Utilities Department	ancho Cordova Planning Departmen	t.		
<b>Mitigation Measu</b> Implementation: Timing:	s. re: Im Cit <u>y</u> Inc	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. / of Folsom Utilities Department proportion of measures into SWPPP prior to construct	tion and implementation throughout	t. construction.		
<b>Mitigation Measu</b> Implementation: Timing: Enforcement:	re: Im Cit <u>y</u> Inco 1.	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. 7 of Folsom Utilities Department prporation of measures into SWPPP prior to construc Central Valley Regional Water Quality Control Boa	tion and implementation throughout	t. construction.		
<b>Mitigation Measu</b> Implementation: Timing: Enforcement:	re: Im City Inco 1. 2.	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. 7 of Folsom Utilities Department prporation of measures into SWPPP prior to construc Central Valley Regional Water Quality Control Boa For all project-related improvements that would be Department.	ancho Cordova Planning Department tion and implementation throughout ard. located within the City of Folsom: C	t. construction. City of Folsom Community Development		
<b>Mitigation Measu</b> Implementation: Timing: Enforcement:	s. re: Im City Inco 1. 2. 3.	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. 7 of Folsom Utilities Department proporation of measures into SWPPP prior to construc Central Valley Regional Water Quality Control Boa For all project-related improvements that would be Department. For improvements within unincorporated Sacramen Community Development Department or City of Ra	ancho Cordova Planning Department tion and implementation throughout ard. located within the City of Folsom: C to County or City of Rancho Cordov ancho Cordova Planning Department	t. construction. City of Folsom Community Development va: Sacramento County Planning and t.		
Mitigation Measu Implementation: Timing: Enforcement: 2, 2A, 2B: Implem	re: Im City Inco 1. 2. 3. ent Mi	Community Development Department or City of R plement Mitigation Measures 3A.3-1a and 3A.3-1b. 7 of Folsom Utilities Department prporation of measures into SWPPP prior to construc Central Valley Regional Water Quality Control Boa For all project-related improvements that would be Department. For improvements within unincorporated Sacramen Community Development Department or City of Ra- tigation Measure 3B.9-1a and 3B.9-1b.	ancho Cordova Planning Department tion and implementation throughout ard. located within the City of Folsom: C to County or City of Rancho Cordov ancho Cordova Planning Department	t. construction. City of Folsom Community Development va: Sacramento County Planning and t.		

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

LTS (Less than significant)

B (Beneficial)

NI (No impact)

		Summary of Imp	Table 1-1 acts and Mitigation Me	easures	
		Impact	Land/Water/GP	A	Significance
		Mitigation			
<b>3B.9-2: Exceedan</b> operation of the Of surface water resou discharge requests.	ce of Surface W f-site Water Fac urces that could	Vater Quality Standards during Opera cilities could result in changes to the qua potentially violate water quality standar	ation. The Water lity of ds or waste	<b>NCP, PA, 1, 1A, 2, 2A, 2</b> indirect LTS	2B, 3, 3A, 4, & 4A: no direct &
NCP, PA, 1, 1A, 2	, 2A, 2B, 3, 3A,	, 4, & 4A: No mitigation measures are r	equired.		
Significance after	Mitigation: less	s than significant			
<b>3B.9-3: Alteration</b> <b>Erosion.</b> The Off-s drainage patterns that could result in	of Drainage P site Water Facili hereby increasin substantial floo	atterns Resulting in Off-site Flooding ities could result in the alteration of exis ig the rate or amount of surface runoff ir ding and/or erosion or siltation on- or of	and/or Water ting a a manner ff-site.	NCP, PA, 1, 1A, 3, 3A: 4, 4A: direct & indirect F 2, 2A, 2B: direct & indir	direct PS & no indirect PS ect LTS
Drainage Plan for t discharge levels. T following construc of proposed paved Design specification event. In addition, for buildings, conta elevation. The Dra FSC via one or mo	he selected Off- he Drainage Pla tion. The City sl areas, linear inf ns for the deten the Drainage Pla inment facilitie inage Plan shall re drainage chut	site Water Facility WTP and shall incom- in shall provide both short- and long-tern hall evaluate options for on-site detention iltration facilities along the site perimeter tion, retention, and/or infiltration facilities an shall delineate the overland release par- ies, storage tank, and container storage are also provide sufficient attenuation of flor tes (e.g., Buffalo Creek).	porate measures to mainta n drainage solutions to en n including, but not limite er, and/or other on-site opp tes shall provide sufficient ath for flows generated by eas are placed a minimum ows to ensure no net increase	sure the proper sequencing sure the proper sequencing ad to, providing temporary a portunities for detention, re storage capacity to accom a 100-year frequency storn of one foot above the prop ase in off-site discharges to	$o_{\underline{f}} f$ drainage facilities during and storage within a portion or portions tention, and/or infiltration facilities. modate the 10-year, 24-hour storm n, so that structural pad elevations erty's highest frontage curb waterways that drain across the
Implementation:	City of Folso	om Utilities Department.			
Timing:	Developmen	t of the Drainage Plan prior to start of co	onstruction.		
Enforcement:	<ol> <li>Central</li> <li>For all j Departr</li> </ol>	Valley Regional Water Quality Control project-related improvements that would nent.	Board. I be located within the Cit	y of Folsom: City of Folson	n Community Development
	3. For imp Commu	provements within unincorporated Sacra unity Development Department or City of	mento County or City of F of Rancho Cordova Planni	Rancho Cordova: Sacramen ng Department.	to County Planning and
Mitigation Measu protection, and/or of	4. For all or re 3B.9-3b: En other appropriate	off-site improvements that would drain a sure the Provision of Sufficient Outlet e BMPs shall be included within all stor	t Protection and On-site m-drain outlets to slow ru	SC drainage chutes: U. S. Containment. Energy diss noff velocities and prevent	Bureau of Reclamation. ipaters, vegetated rip-rap, soil erosion at discharge locations for
IP (No Action/No Project D (Centralized Developr	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	ject) site Water Facility Alternative	RIM (Resource Impact Minimization)
(Beneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Impact	Land/Water/G	PA	Significance
		Mitigation			
the WTP. A long- containment and p	term m ollutio	aintenance plan shall be implemented for a n-control devises for drainage facilities to	all drainage discharge control de avoid the off-site release of wate	vices. The WTP la r quality pollutant	yout shall also include sufficient on-site s, oil and grease.
Implementation:	Cit	y of Folsom Utilities Department			
Timing:	Inc	orporation of measures into the Drainage I	Plan prior to start of construction		
Enforcement:	1.	Central Valley Regional Water Quality	Control Board.		
	2.	For all project-related improvements tha Department.	t would be located within the Ci	ty of Folsom: City	of Folsom Community Development
	3.	For improvements within unincorporated Community Development Department o	d Sacramento County or City of r City of Rancho Cordova Plann	Rancho Cordova: ing Department.	Sacramento County Planning and
2, 2A, 2B: No mit	igation	measures are required.			
Significance after	Mitigo	ation: less than significant			
<b>3B.9-4: Changes</b> Facilities could rea	to Floy sult in a	adverse effects to existing flows within the	e Sacramento River.	NCP, PA, 1, 14 no indirect NWF: no impa	A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct LTS &
NCP, PA, 1, 1A, 2 Significance after	2, 2A, 2 • Mitigo	2B, 3, 3A, 4, & 4A: No mitigation measure ation: less than significant	es are required.		
NCP, PA, 1, 1A, 2 Significance after 3B.9-5: Exceed D Off-site Water Fac the capacity of exi additional sources	2, 2A, 2 Mitigo rainag cilities isting o of pol	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure ation: less than significant</li> <li>ge Capacity and Contribute Sources Poll could create or contribute runoff water what planned stormwater drainage systems or luted runoff.</li> </ul>	es are required. <b>uted Runoff.</b> The Water ich would exceed provide substantial	NCP, PA, 1, 1/ 2, 2A, 2B: LTS 4, 4A: direct &	A, 3, 3A: direct PS & indirect LTS indirect PS
NCP, PA, 1, 1A, <i>Significance after</i> <b>3B.9-5: Exceed D</b> Off-site Water Fact the capacity of exit additional sources NCP, PA, 1, 1A, 3	2, 2A, 2 Mitigo prainage cilities isting of of poll 3, 3A, 4	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure ation: less than significant</li> <li>2e Capacity and Contribute Sources Poll could create or contribute runoff water wh or planned stormwater drainage systems or luted runoff.</li> <li>4. &amp; 4A: Implement Mitigation Measures</li> </ul>	es are required. <b>luted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b.	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct &	A, 3, 3A: direct PS & indirect LTS indirect PS
NCP, PA, 1, 1A, 2 Significance after <b>3B.9-5: Exceed D</b> Off-site Water Fac the capacity of exi additional sources NCP, PA, 1, 1A, 3 Significance after	2, 2A, 2 Mitigo Prainag cilities sting of of pol 3, 3A, 4 Mitigo	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure ation: less than significant</li> <li>2e Capacity and Contribute Sources Poll could create or contribute runoff water wh or planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures ation: less than significant</li> </ul>	es are required. <b>luted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b.	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct &	A, 3, 3A: direct PS & indirect LTS indirect PS
NCP, PA, 1, 1A, 2 Significance after 3B.9-5: Exceed D Off-site Water Fac the capacity of exi additional sources NCP, PA, 1, 1A, 2 Significance after 3B.9-6: Impede o structures within a flows	2, 2A, 2 <i>Mitiga</i> prainag cilities isting of of poll 3, 3A, 4 <i>Mitiga</i> r Redi 100-y	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure <i>ation: less than significant</i></li> <li>3C Capacity and Contribute Sources Poll could create or contribute runoff water where planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures <i>ation: less than significant</i></li> <li>7 rect Flood Flows. The Off-site Water Fac ear flood hazard area, which would impede</li> </ul>	es are required. <b>luted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b. ilities could place Water e or redirect flood	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct & NCP, PA, 1, 14 indirect PS	A, 3, 3A: direct PS & indirect LTS indirect PS A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct &
NCP, PA, 1, 1A, 2 Significance after 3B.9-5: Exceed D Off-site Water Fac the capacity of exi additional sources NCP, PA, 1, 1A, 3 Significance after 3B.9-6: Impede o structures within a flows NCP, PA, 1, 1A, 2	2, 2A, 2 Mitigo Prainag cilities string of of poll 3, 3A, 4 Mitigo r Redi 100-y 2, 2A, 2	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure <i>ation: less than significant</i></li> <li>3G Capacity and Contribute Sources Poll could create or contribute runoff water what planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures <i>ation: less than significant</i></li> <li>rect Flood Flows. The Off-site Water Fac ear flood hazard area, which would impedent 2B, 3, 3A, 4, &amp; 4A: Implement Mitigation</li> </ul>	es are required. <b>luted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b. ilities could place Water e or redirect flood Measures 3B.7-1a and 3B.9-1a.	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct & NCP, PA, 1, 14 indirect PS	A, 3, 3A: direct PS & indirect LTS indirect PS A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct &
NCP, PA, 1, 1A, 2 Significance after 3B.9-5: Exceed D Off-site Water Fac the capacity of exi additional sources NCP, PA, 1, 1A, 2 Significance after 3B.9-6: Impede o structures within a flows NCP, PA, 1, 1A, 2 Significance after	2, 2A, 2 Mitigo Prainag cilities isting of of poll 3, 3A, 4 Mitigo r Redi 100-y 2, 2A, 2 Mitigo	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure <i>ation: less than significant</i></li> <li>3C Capacity and Contribute Sources Poll could create or contribute runoff water what planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures <i>ation: less than significant</i></li> <li>3C Flood Flows. The Off-site Water Fac ear flood hazard area, which would impeded 2B, 3, 3A, 4, &amp; 4A: Implement Mitigation <i>ation: less than significant</i></li> </ul>	es are required. <b>luted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b. ilities could place Water e or redirect flood Measures 3B.7-1a and 3B.9-1a.	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct & NCP, PA, 1, 14 indirect PS	A, 3, 3A: direct PS & indirect LTS indirect PS A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct &
NCP, PA, 1, 1A, 2 Significance after <b>3B.9-5: Exceed D</b> Off-site Water Fact the capacity of exi additional sources NCP, PA, 1, 1A, 2 Significance after <b>3B.9-6: Impede o</b> structures within a flows NCP, PA, 1, 1A, 2 Significance after	2, 2A, 2 Mitigo prainag cilities isting o of poll 3, 3A, 4 Mitigo r Redi 100-y 2, 2A, 2 Mitigo	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure <i>ation: less than significant</i></li> <li>3G Capacity and Contribute Sources Poll could create or contribute runoff water what planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures <i>ation: less than significant</i></li> <li>rect Flood Flows. The Off-site Water Fac ear flood hazard area, which would impedent 2B, 3, 3A, 4, &amp; 4A: Implement Mitigation <i>ation: less than significant</i></li> </ul>	es are required. <b>Juted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b. ilities could place Water e or redirect flood Measures 3B.7-1a and 3B.9-1a.	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct & NCP, PA, 1, 14 indirect PS	A, 3, 3A: direct PS & indirect LTS indirect PS A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct &
NCP, PA, 1, 1A, 2 Significance after 3B.9-5: Exceed D Off-site Water Fac the capacity of exi additional sources NCP, PA, 1, 1A, 2 Significance after 3B.9-6: Impede o structures within a flows NCP, PA, 1, 1A, 2 Significance after	2, 2A, 2 Mitigo prainag prainag prainag prainag prainag of poll 3, 3A, 4 Mitigo r Redi 100-y 2, 2A, 2 Mitigo t) ment)	<ul> <li>2B, 3, 3A, 4, &amp; 4A: No mitigation measure <i>ation: less than significant</i></li> <li>3B Capacity and Contribute Sources Poll could create or contribute runoff water what or planned stormwater drainage systems or luted runoff.</li> <li>4, &amp; 4A: Implement Mitigation Measures <i>ation: less than significant</i></li> <li>7 rect Flood Flows. The Off-site Water Fac ear flood hazard area, which would impedent ation: <i>less than significant</i></li> <li>7 RHD (No USACE Permit) RHD (Reduced Hillside Develop)</li> </ul>	es are required. <b>Juted Runoff.</b> The Water ich would exceed provide substantial 3B.9-3a and 3B.9-3b. ilities could place Water e or redirect flood Measures 3B.7-1a and 3B.9-1a. PP (Proposed Pressed	NCP, PA, 1, 14 2, 2A, 2B: LTS 4, 4A: direct & NCP, PA, 1, 14 indirect PS	A, 3, 3A: direct PS & indirect LTS indirect PS A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct & RIM (Resource Impact Minimizati

-Table 1 Summary of Impacts and I	-1 Mitigation Me	asures
Impact	Land/Water/GP/	A Significance
Mitigation		
<b>3B.9-7: Inundation from Flooding or Mudflows.</b> The Offsite Water Facility Alternatives would not expose people or structures to a significant risk of loss, injury or death involving inundation by flooding, including flooding as a result of the failure of a levee or dam, seiche, or tsunami or inundation by mudflows.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: no impacts
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: No mitigation measures are required. <i>Significance after Mitigation: less than significant</i>		
3A.10 LAND USE AND AGRICULTURAL RESOURCES		
<b>3A.10-1: Consistency with Sacramento LAFCo Guidelines.</b> Annexation of the SPA into the City of Folsom would require approval by Sacramento LAFCo.	A Land	NP: no direct & indirect NCP, PP, RIM, CD, RHD: direct LTS, no indirect
NP: No mitigation measures are required.		
NCP, PP, RIM, CD, RHD: No mitigation measures are required.		
Significance after Mitigation: less than significant		
<b>3A.10-2: Consistency with the SACOG Sacramento Region Blueprint.</b> Project implementation could conflict with the SACOG Sacramento Region Preferred Blueprint Scenario.	Land	ON-SITE NP, NCP, RIM: inconsistent PP, CD, RHD: consistent OFF-SITE No consistency
<b>ON-SITE</b> <b>NP, NCP, RIM:</b> No mitigation measures may be imposed		
PP, CD, RHD: No mitigation measures are required.		
OFF-SITE No mitigation measures are required		
Significance after Mitigation: significant and unavoidable		
ON-SITE NP, NCP, RIM: No mitigation measures may be imposed PP, CD, RHD: No mitigation measures are required. OFF-SITE No mitigation measures are required. Significance after Mitigation: significant and unavoidable		

NP (No Action/No Project)NCP (No USACE Permit)CD (Centralized Development)RHD (Reduced Hillside Development)		PP (Proposed Project) PA (Preferred Off-site V	PP (Proposed Project) PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Si	Table 1-1 Immary of Impacts and M	litigation Me	asures
Impact	l	and/Water/GP	A Significance
Mitigation			
<b>3A.10-3: Cancellation of Existing On-Site Williamson</b> mplementation could result in the cancellation of Willian	Act Contracts. Project nson Act contracts.	Land	ON-SITE NP: No direct or indirect NCP, PP, RIM, CD, RHD: direct significant, no indirect OFF-SITE Direct LTS, no indirect
<b>ON-SITE</b>			
<b>NP:</b> No mitigation measures are required.			
NCP, PP, RIM, CD, RHD: No feasible mitigation meas	ures are available.		
OFF-SITE No mitigation measures are required			
Significance after Mitigation: significant and unavoida	ble		
<b>3A.10-4: Potential Conflict with Existing Off-site Will</b> Project implementation could conflict with lands under V of the SPA; thereby potentially resulting in cancellation of	iamson Act Contracts. Villiamson Act contracts south of those contracts.	Land 1	ON-SITE NP: No direct or indirect NCP, PP, RIM, CD, RHD: indirect significant, no direct OFF-SITE Indirect LTS, no direct
<b>ON-SITE</b>			
<b>NP:</b> No mitigation measures are required.			
NCP, PP, RIM, CD, RHD: No feasible mitigation meas	ures are available.		
OFF-SITE			
No mitigation measures are required.	hla		
<b>OFF-SITE</b> No mitigation measures are required. Significance after Mitigation: significant and unavoida	ble		

	Table 1-1 Summary of Impacts and Mi	igation Me	easures	
Impact	La	nd/Water/GF	A	Significance
Mitigation				
3B.10 LAND USE AND AGRICULTURAL R	ESOURCES – WATER			
<b>3B.10-1: Conflict with Applicable Water Reson</b> <b>Plans, Policies, or Regulations.</b> Implementation Alternatives would not conflict with applicable w facility plans, policies, or regulations adopted for an environmental effect.	urce Management and Facility of the Off-site Water Facility vater resource management and the purpose of avoiding or mitigating	Water	NCP, PA, 1, 1A, 2, 2A, 2B indirect LTS	<b>3, 3, 3A, 4, and 4A:</b> direct &
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, and 4A: No	o mitigation measures are required.			
Significance after Mitigation: less than signification	ant			
<b>3B.10-2: Conflict with Applicable Local Agence</b> <b>Regulations.</b> Implementation of the Off-site Wat with an applicable land use plan, policies, or regu avoiding or mitigating an environmental effect.	<b>cy Land Use Plans, Policies, or</b> ter Facility Alternatives could conflict ilations adopted for the purpose of	Water	NCP, PA: consistent direct 1, 1A, 3, 3A: inconsistent direct 2, 2A, 2B: consistent direct 4, 4A: consistent direct & i potentially inconsistent ( <i>pla</i>	t & indirect LTS lirect & indirect significant t & indirect LTS ndirect LTS ( <i>location</i> ), <i>anning</i> )
<b>1, 1A, 3, 3A, 4, &amp; 4A: Mitigation Measure 3B.</b> options to enable development of the White Rock	<b>10-2: Acquire Development Approva</b> K WTP under Off-site Water Facility Al	<b>Is for Off-si</b> ternatives 1,	te WTPs. The City shall imp 1A, 3, and 3A:	lement one of the two following
(1) Annexation and Pie-Zonnig to Public Ose. The Rock WTP and City Corporation Yard, if applica ensure the provision of adequate water supply, di sphere of influence amendment, the City shall pre WTP site's design, spacing opportunities between to adjacent agricultural areas. Prior the annexation for vehicle access; (c) the placement of structures or	the City shall file an application with Sat she. The application shall include a stat stribution, and treatment for planned de epare an application to annex and prezo n the WTP facilities and adjacent land u n approval, the City shall provide LAF s and their associated height; and (d) land	ement descr evelopment v ne the White use shall be n Co with the indscaping/op	with the Folsom SPA. Subject e Rock WTP site for Public Unaximized to encourage open following: (a) dedications of the protection of the protection of the space for the protection of the p	ence amendment is necessary to t to LAFCo approval of the Use. As part of the White Rock a space continuity and disruption rights-of-way; (b) improvement: f adjoining and nearby propertie
(2) Obtain County Use Permit or General Plan And the proposed WTP within the AG-80 zone. The C requirements in terms of the following: (a) dedica height; and (d) landscaping for the protection of a Rezone to designate the White Rock WTP site for consistent with the County's for the following: (a associated height; and (d) landscaping for the pro	mendment. The City shall file an applic City shall comply with the conditions of ations of right-of-way; (b) improvemen adjoining and nearby properties. Altern r Public Use. In addition to complying a) dedications of right-of-way; (b) impro- tection of adjoining and nearby proper-	ation with S the Use Per ts for vehicle atively, the C with the req ovements for ies.	acramento County for a Use mit, so that the WTP site is d e access; (c) the placement of City may file an application for uirements of the Public zone, r vehicle access; (c) the place	Permit to allow the operation of eveloped consistent with County structures and their associated or a General Plan Amendment an the City shall develop the site ment of structures and their
(No Action/No Project) NCP (No US (Centralized Development) RHD (Reduc	SACE Permit) PP ( ced Hillside Development) PA (	Proposed Pro Preferred Off	oject) -site Water Facility Alternative)	RIM (Resource Impact Minimization

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

B (Beneficial)

NI (No impact)

LTS (Less than significant)

		Summary of Imp	Table 1-1 pacts and Mit	igation M	easures	
		Impact	La	nd/Water/GI	PA	Significance
		Mitigation				
Implementation:	City of Folso	m Utilities Department				
Timing:	Prior to acqu	isition and development of the Off-site	e WTP			
Enforcement:	1. For ann	exation and sphere of influence applica	ations: Sacrame	nto County	LAFCo.	
	2. For the Develop	entitlement and General Plan application ment Department.	ons through Sac	cramento C	ounty: Sacramento County	Planning and Community
NCP, PA, 2, 2A, 2	<b>2B:</b> No mitigatio	n measures are required.				
Significance after	Mitigation: pot	entially significant and unavoidable fo	or 1, 1A, 3, and	3A, 4 and	4A	
Significance after	Mitigation: less	than significant for NCP, PA, 2, 2A,	2B			
<b>3B.10-3: Convers</b> Implementation of Farmland, Unique uses.	<b>ion of Importar</b> the Off-site Wa Farmland, or Fa	<b>t Farmland to Nonagricultural Uses</b> ter Facilities could result in the conver- rmland of Statewide Importance to nor	<b>s.</b> sion of Prime nagricultural	Water	NCP, PA, 1, 1A, 2, 2A, no indirect	2B, 3, 3A, 4, & 4A: direct LTS &
NCP, PA, 1, 1A, 2 Significance after <b>3B.10-4:</b> Cancella	2, 2A, 2B, 3, 3A, <i>Mitigation: less</i> ntion of Existing	<ul> <li>4, &amp; 4A: No mitigation measures are <i>than significant</i></li> <li>On-Site Williamson Act Contracts.</li> <li>Id conflict with lands under Williamson</li> </ul>	required.	Water	NCP, PA, 1, 1A: direct	LTS & indirect significant
contracts; thereby	potentially resul	ting in cancellation of those contracts.			2, 211, 2D, 3, 311, 4, C 4	
NCP, PA, 1, 1A: N	No feasible mitig	ation measures are available.				
2, 2A, 2B, 3, 3A, 4	<b>I, &amp; 4A:</b> No mit	gation measures are required.				
Significance after	Mitigation: pot	entially significant and unavoidable				
<b>3B.10-5: Potentia</b> Implementation of agricultural operat	I Temporary Di the Off-site Wa ions and result in	<b>sruptions to Existing Agricultural O</b> ter Facilities could potentially affect ex a loss in agricultural productivity.	<b>)perations.</b> xisting	Water	NCP, PA, 1, 1A, 2, 2A, significant & no indirect	2B, 3, 3A, 4, & 4A: direct
NCP, PA, 1, 1A, 2	2, 2A, 2B, 3, 3A,	4, & 4A: Mitigation Measure 3B.10	-4: Restore Aff	ected Agri	cultural Lands to Preproj	ject Conditions.
The City shall com the City shall demo crops currently in j could be left in agr	sult with all affe onstrate a good- production. Dur ricultural produc	cted land owners where the selected al aith effort to negotiate with affected la ing these consultations the City shall a tion as well as locations for access gate	ignment would andowners an ag ilso, in conjunct es to allow for c	cross Impo greed-upon ion with lar city staff acc	rtant Farmland. As part of compensation for the loss on downers' input, identify an cess. Access gate locations	the easement acquisition process, of any existing pasture and/or row reas along the right-of-way that shall be included in the final design
(No Action/No Project (Centralized Develop	i) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP ( PA (	Proposed Pr Preferred Of	oject) f-site Water Facility Alternative	RIM (Resource Impact Minimization
Beneficial)	VI (No impact)	LTS (Less than significant)	PS (Potential	ly significant	) S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation	Measures	
		Impact	Land/Wate	r/GPA	Significance
		Mitigation			
plans for the Off-si	te Water Facilit	ies. Compensation for the loss of crops	and associated revenu	es shall be up to the prov	visions of law.
Implementation:	City of Folse	om Utilities Department			
Timing:	Immediately	following construction			
Enforcement:	Sacramento	County Community Development and F	Planning Department		
Significance after	Mitigation: les	s than significant			
3A.11 NOISE - L	AND				
3A.11-1: Tempora	ry, Short-Teri	n Exposure of Sensitive Receptors to	Increased Land	ON-SITE	E
Equipment Noise	from Project (	Construction. Project implementation w	vould result	NP: direct LTS, no	o indirect
in temporary, short	-term construct	ion activities associated with development	ent of	NCP, PP, RIM, C OFF-SIT	<b>D, RHD:</b> direct significant, no indirect
infrastructure impr	ovements. Proje	ect-related construction activities could	expose	<b>PP:</b> direct signification	ant, no indirect
existing off-site an	d future on-site	sensitive receptors to temporary noise l	evels that	NCP, RIM, CD, F	RHD: direct LTS, no indirect
exceed the applical noise levels.	ole noise standa	rds and/or result in a substantial increas	e in ambient		
NP: No mitigation	measures are re	equired.			
NCP, PP, RIM, C Plan, and Monitou construction activit following requirem receptors. The proj noise shall include	<b>D</b> , <b>RHD</b> : Mitig r and Record C ies, the project ents are implen ect applicant(s) the measures li	ation Measure 3A.11-1: Implement I Construction Noise near Sensitive Rec applicant(s) and their primary contracton nented at each work site in any year of p and primary construction contractor(s) sted below:	Noise-Reducing Const eptors. To reduce imp rs for engineering desi project construction to shall employ noise-red	truction Practices, Prepacts associated with nois gn and construction of al avoid and minimize consucing construction pract	bare and Implement a Noise Control be generated during project-related Il project phases shall ensure that the struction noise effects on sensitive ices. Measures that shall be used to limit
<ul> <li>Noise-generati Saturdays and</li> </ul>	ng construction Sundays.	operations shall be limited to the hours	between 7 a.m. and 7	p.m. Monday through Fr	riday, and between 8 a.m. and 6 p.m. on
<ul> <li>All construction</li> </ul>	n equipment ar	d equipment staging areas shall be loca	ted as far as possible fi	om nearby noise-sensitiv	ve land uses.
<ul> <li>All construction with manufact</li> </ul>	on equipment sh urers' recomme	all be properly maintained and equippe ndations. Equipment engine shrouds sh	d with noise-reduction all be closed during eq	intake and exhaust muff uipment operation.	lers and engine shrouds, in accordance
► All motorized	construction eq	uipment shall be shut down when not in	use to prevent idling.		
<ul> <li>Individual operation</li> </ul>	rations and tech	niques shall be replaced with quieter pro-	cedures (e.g., using wel	ding instead of riveting, r	mixing concrete off-site instead of on-site).
<ul> <li>Noise-reducing future noise se</li> </ul>	g enclosures sha nsitive receptor	all be used around stationary noise-gene s are located within close proximity to t	rating equipment (e.g., future construction acti	compressors and genera vities.	ators) as planned phases are built out and
(No Action/No Project) (Centralized Developr	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed PA (Preferred	l Project) I Off-site Water Facility Alte	RIM (Resource Impact Minimization
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially signific	ant) S (Significant)	SU (Significant and unavoidable)

			Summary of	Table 1-1 Impacts and Mitigatio	n Measures		
		Im	pact	Land/Wat	er/GPA		Significance
		M	litigation				
<ul> <li>Written notifi shall include number, for t in reducing in</li> </ul>	ication anticipa he proje	of construction ited dates and h ect representativ	activities shall be provided to ours during which construction we to be contacted in the even g., closing windows and doors	all noise-sensitive recept on activities are anticipate t that noise levels are deen ) shall also be included in	ors located wit d to occur and ned excessive. the notificatio	hin 850 feet of cor contact informatic Recommendation: n.	nstruction activities. Notification on, including a daytime telephone s to assist noise-sensitive land use
<ul> <li>To the extent sensitive land installed prop</li> </ul>	feasibl l uses. T berly, ac	e, acoustic barr The barriers sha coustic barriers	iers (e.g., lead curtains, sound ll be designed to obstruct the can reduce construction noise	l barriers) shall be constru line of sight between the levels by approximately	cted to reduce noise-sensitive 8–10 dB (EPA	construction-gener land use and on-si 1971).	rated noise levels at affected nois te construction equipment. Whe
► When future piles shall be	noise se located	ensitive uses are between noise	e within close proximity to pro sources and future residences	olonged construction nois s to shield sensitive recept	e, noise-attenu ors from const	ating buffers such ruction noise.	as structures, truck trailers, or so
<ul> <li>The primary with the noise activity begins site roadway the roadway</li> </ul>	contrac e contro is. Cons connec extensio	or shall prepare I measures spe- struction shall n tions into El Do ons are outside	e and implement a construction cified above. The noise contro- not commence until the constru- prado County must be coordin of the City of Folsom's jurisd	on noise management plar ol plan shall be submitted uction noise management lated by the project applic ictional boundaries.	This plan sha to the City of I plan is approv ant(s) of the ap	Il identify specific Folsom before any ed by the City of F plicable project ph	measures to ensure compliance noise-generating construction Folsom. Mitigation for the two of hase with El Dorado County, since
Implementation:	Pro	ject applicant(s	) and primary contractor(s) of	f all project phases.			
Timing:	Bet	ore and during	construction activities on the	SPA and within El Dorad	o Hills.		
Enforcement:	1.	For all projec Department.	t-related improvements that w	vould be located within th	e City of Folso	m: City of Folsom	Community Development
	2.	For the two re	oadway connections off-site in	nto El Dorado Hills: El D	orado County I	Development Servi	ices Department.
Significance after	r Mitige	tion: significa	nt and unavoidable				
<b>3A.11-2: Tempor</b> <b>Traffic Noise Lev</b> result in temporar project construction noise levels along	rary, Sl vels fro y increa on. Con g on- an substan	<b>nort-Term Exp</b> <b>m Project Con</b> uses in on- and struction-gener d off-site roadw tial increase in	<b>Dosure of Sensitive Receptor</b> <b>estruction.</b> Project implement off-site roadway traffic noise rated traffic could expose sens yays that exceed the applicable ambient noise levels.	<b>s to Increased</b> Land tation would associated with sitive receptors to e noise standards	NP: dir NCP, P	ect LTS, no indirec P, RIM, CD, RH	ct D: direct LTS, no indirect
and/or result in a		, RHD: No mit	tigation measures are required	1.			
and/or result in a NP, NCP, PP, RI	IM, CD		• • • • •				
and/or result in a significance after	IM, CD r <i>Mitige</i>	ution: less than	significant				
and/or result in a <b>NP, NCP, PP, RI</b> <i>Significance after</i>	IM, CD r <i>Mitigo</i>	tion: less than	significant				
and/or result in a <b>NP, NCP, PP, RI</b> <i>Significance after</i>	IM, CD r <i>Mitigo</i>	ution: less than	significant				
and/or result in a <b>NP, NCP, PP, RI</b> <i>Significance after</i> No Action/No Project Centralized Develop	t <b>M, CD</b> r <i>Mitigo</i> ct) oment)	<i>ution: less than</i>	CP (No USACE Permit) HD (Reduced Hillside Developme	PP (Propose ent) PA (Preferre	ed Project) ed Off-site Water	Facility Alternative)	RIM (Resource Impact Minimizat

Impact         Land/Water/GPA         Significance           Mitigation         3A.11-3: Temporary, Short-Term Exposure of Sensitive Receptors to Potential Groundborne Noise and Vibration from Project Construction. Project implementation could expose sensitive receptors to groundborne noise and vibration levels that exceed applicable standards that could cause human disturbance or damage structures.         Land         ON-SITE NP: direct LTS, no indirect NCP, PR, RIM, CD, RHD: direct significant, no indirect OFF-SITE           ON- & OFF-SITE         NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.11-3: Implement Measures to Prevent Exposure of Sensitive Receptors to Groundborne Noise or Vibration from Project Generated Construction Activities.         To the extent feasible, blasting activities shall not be conducted within 275 feet of existing or future sensitive receptors.           > To the extent feasible, buildozing activities shall not be conducted within 50 feet of existing or future sensitive receptors.           > All blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency for review and approval prior to the commencement of the first blast.           > Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.           Implementation:         Project applicant(s) and primary contractor(s) of all project phases.           Timing:         Before and during buildozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento Department.           0. For the two roa			Table 1 Summary of Impacts and	-1 Mitigation Mea	asures
Mitigation         3A.11-3: Temporary, Short-Term Exposure of Sensitive Receptors to Potential Groundborne Noise and Vibration from Project Construction. Project       Land       ON-SITE         Groundborne Noise and Vibration from Project Construction. Project       NP: direct LTS, no indirect       NP: direct LTS, no indirect         implementation could expose sensitive receptors to groundborne noise and vibration levels that exceed applicable standards that could cause human disturbance or damage structures.       NP: PP, RIM, CD, RHD: Mitigation Measure 3A.11-3: Implement Measures to Prevent Exposure of Sensitive Receptors to Groundborne Noise or Vibration from Project Generated Construction Activities. <ul> <li>To the extent feasible, blasting activities shall not be conducted within 275 feet of existing or future sensitive receptors.</li> <li>All blasting shall be performed by a blast contractor and blasting personnel licensed to operate in the State of California.</li> <li>A blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency.</li> <li>Implementation:</li> <li>Project applicant(s) and primary contractor(s) of all project phases.</li> <li>Timing:</li> <li>Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Department.</li> <li>For the US. 50 interchange improvements: Caltrans.</li> <li>Significance after Mitigation: significant and unavoidable</li> <li>Significance after Mitigation: significant and unavoidable</li> <li>Significance after Mitigation: significant and unavoidable<th></th><th></th><th>Impact</th><th>Land/Water/GPA</th><th>Significance</th></li></ul>			Impact	Land/Water/GPA	Significance
<ul> <li>3A.11-3: Temporary, Short-Term Exposure of Sensitive Receptors to Potential Groundborne Noise and Vibration from Project Construction. Project implementation could expose sensitive receptors to groundborne noise and vibration levels that exceed applicable standards that could cause human disturbance or damage structures.</li> <li>N-&amp; OFF-SITE NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.11-3: Implement Measures to Prevent Exposure of Sensitive Receptors to Groundborne Noise or Vibration from Project Generated Construction Activities.</li> <li>To the extent feasible, blasting activities shall not be conducted within 275 feet of existing or future sensitive receptors.</li> <li>To the extent feasible, buildozing activities shall not be conducted within 50 feet of existing or future sensitive receptors.</li> <li>All blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency for review and approval prior to the commencement of the first blast.</li> <li>Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.</li> <li>Implementation: Project applicant(s) and primary contractor(s) of all project phases.</li> <li>Timing: Before and during buildozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> <li>Significance after Kitsution: significant and unavoidable</li> </ul>			Mitigation		
ON- & OFF-SITE         MCP, PP, RIM, CD, RHD: Mitigation Measure 3A.11-3: Implement Measures to Prevent Exposure of Sensitive Receptors to Groundborne Noise or Vibration from Project Generated Construction Activities.         • To the extent feasible, blasting activities shall not be conducted within 275 feet of existing or future sensitive receptors.         • To the extent feasible, buildozing activities shall not be conducted within 50 feet of existing or future sensitive receptors.         • All blasting shall be performed by a blast contractor and blasting personnel licensed to operate in the State of California.         • A blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency for review and approval prior to the commencement of the first blast.         • Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.         Implementation:       Project applicant(s) and primary contractor(s) of all project phases.         Timing:       Before and during buildozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento Department.         2.       For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.         3.       For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.         4.       For the U.S. 50 interchange improvements: Caltrans.         Significance aft	<b>3A.11-3: Tempor</b> <b>Groundborne No</b> implementation co levels that exceed structures.	ary, S ise an ould ex applic	<b>hort-Term Exposure of Sensitive Receptors to Potential</b> <b>d Vibration from Project Construction.</b> Project pose sensitive receptors to groundborne noise and vibration able standards that could cause human disturbance or damage	Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct significant, no indirect OFF-SITE Direct significant, no indirect
<ul> <li>To the extent feasible, blasting activities shall not be conducted within 275 feet of existing or future sensitive receptors.</li> <li>To the extent feasible, bulldozing activities shall not be conducted within 50 feet of existing or future sensitive receptors.</li> <li>All blasting shall be performed by a blast contractor and blasting personnel licensed to operate in the State of California.</li> <li>A blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency for review and approval prior to the commencement of the first blast.</li> <li>Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.</li> <li>Implementation: Project applicant(s) and primary contractor(s) of all project phases.</li> <li>Timing: Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> </ul>	ON- & C NCP, PP, RIM, C Vibration from F	OFF-SI CD, RH Project	TE ID: Mitigation Measure 3A.11-3: Implement Measures t Generated Construction Activities.	o Prevent Expos	sure of Sensitive Receptors to Groundborne Noise or
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<ul> <li>All blasting shall be performed by a blast contractor and blasting personnel licensed to operate in the State of California.</li> <li>A blasting plan, including estimates of vibration levels at the residence closest to the blast, shall be submitted to the enforcement agency for review and approval prior to the commencement of the first blast.</li> <li>Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.</li> <li>Implementation: Project applicant(s) and primary contractor(s) of all project phases.</li> <li>Timing: Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento</li> <li>Enforcement: 1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>2. For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>3. For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>4. For the U.S. 50 interchange improvements: Caltrans.</li> </ul>	► To the extent	feasibl	le, bulldozing activities shall not be conducted within 50 feet	of existing or fu	ture sensitive receptors.
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<ul> <li>Each blast shall be monitored and documented for groundbourne noise and vibration levels at the nearest sensitive land use and associated recorded submitt to the enforcement agency.</li> <li>Implementation: Project applicant(s) and primary contractor(s) of all project phases.</li> <li>Timing: Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento</li> <li>Enforcement: I. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>2. For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>3. For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>4. For the U.S. 50 interchange improvements: Caltrans.</li> </ul>	<ul> <li>A blasting pla approval prior</li> </ul>	n, incl to the	uding estimates of vibration levels at the residence closest to commencement of the first blast.	the blast, shall b	be submitted to the enforcement agency for review and
Implementation:       Project applicant(s) and primary contractor(s) of all project phases.         Timing:       Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento         Enforcement:       1. For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.         2. For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.         3. For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.         4. For the U.S. 50 interchange improvements: Caltrans.         Significance after Mitigation: significant and unavoidable	<ul> <li>Each blast sha to the enforce</li> </ul>	all be r ment a	nonitored and documented for groundbourne noise and vibra agency.	tion levels at the	nearest sensitive land use and associated recorded submitte
<ul> <li>Timing: Before and during bulldozing and blasting activities on the SPA and within El Dorado Hills and the County of Sacramento</li> <li>Enforcement: <ol> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> </ol> </li> </ul> Significance after Mitigation: significant and unavoidable	Implementation:	Pro	oject applicant(s) and primary contractor(s) of all project phase	ses.	
<ol> <li>Enforcement:         <ol> <li>For all project-related improvements that would be located within the City of Folsom: City of Folsom Community Development Department.</li> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> </ol> </li> <li>Significance after Mitigation: significant and unavoidable</li> </ol>	Timing:	Be	fore and during bulldozing and blasting activities on the SPA	and within El D	Porado Hills and the County of Sacramento
<ol> <li>For the two roadway connections off-site into El Dorado Hills: El Dorado County Development Services Department.</li> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> </ol> Significance after Mitigation: significant and unavoidable	Enforcement:	1.	For all project-related improvements that would be located Department.	d within the City	of Folsom: City of Folsom Community Development
<ol> <li>For the off-site detention basin west of Prairie City Road: Sacramento County Planning and Community Development Department.</li> <li>For the U.S. 50 interchange improvements: Caltrans.</li> </ol> Significance after Mitigation: significant and unavoidable		2.	For the two roadway connections off-site into El Dorado H	Hills: El Dorado (	County Development Services Department.
4. For the U.S. 50 interchange improvements: Caltrans. Significance after Mitigation: significant and unavoidable		3.	For the off-site detention basin west of Prairie City Road:	Sacramento Cou	nty Planning and Community Development Department.
Significance after Mitigation: significant and unavoidable		4.	For the U.S. 50 interchange improvements: Caltrans.		
	Significance after	Mitig	ation: significant and unavoidable		

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Dev	elopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECOI		Summar	Table 1-1 y of Impacts and Mitigation Me	asures
√ ction		Impact	Land/Water/GP	A Significance
		Mitigation		
	<b>3A.11-4: Long-Ter</b> <b>Levels from Project</b> increases in ADT ver would result in a su and off-site at nearb	<b>The Exposure of Sensitive Receptors to Incr</b> et <b>Operation.</b> Project implementation would olumes on affected roadway segments. Increa bstantial (e.g., 3 dB $L_{dn}$ /CNEL) increase in ar by noise-sensitive receptors.	eased Traffic Noise Land result in long-term used traffic volumes nbient noise levels on-	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct significant, no indirect OFF-SITE Direct LTS, no indirect
	ON-SITE NCP, PP, RIM, CI Project-Generated To meet applicable	<b>D, RHD: Mitigation Measure 3A.11-4: Imp</b> <b>Operational Traffic on Off-site and On-Si</b> noise standards as set forth in the appropriate	plement Measures to Prevent Expo te Roadways. General Plan or Code (e.g., City of	osure of Sensitive Receptors to Increases in Noise from Folsom, County of Sacramento, and County of El Dorado)
	<ul> <li>and to reduce increa</li> <li>Obtain the serv on-site noise-se rating for build site noise-sensi</li> </ul>	ases in traffic-generated noise levels at noise- rices of a consultant (such as a licensed engine ensitive land uses (i.e., residential dwellings a ings of 30 or greater, individually computed f tive land uses (i.e., residential dwellings and	sensitive uses, the project applicant( eer or licensed architect) to develop nd school classrooms) that will prod for the walls and the floor/ceiling co school classrooms).	s) of all project phases shall implement the following: noise-attenuation measures for the proposed construction of uce a minimum composite Sound Transmission Class (STC) nstruction of buildings, for the proposed construction of on-
1-130 Fr	<ul> <li>Prior to submitt predicted roadw characteristics) noise-sensitive measures may</li> </ul>	tal of tentative subdivision maps and improve way noise impacts attributable to the project, t . The acoustical analysis shall evaluate station land uses, in accordance with adopted City n include, but are not limited to, the following:	ement plans, the project applicant(s) taking into account site-specific con- nary- and mobile-source noise attribu- oise standards. Feasible measures sh	shall conduct a site-specific acoustical analysis to determine ditions (e.g., site design, location of structures, building utable to the proposed use or uses and impacts on nearby all be identified to reduce project-related noise impacts. These
olsom Souti	<ul> <li>limiting no</li> <li>constructin</li> <li>constructin</li> </ul>	bise-generating operational activities associated ing exterior sound walls; ing barrier walls and/or berms with vegetation;	ed with proposed commercial land u	ses, including truck deliveries;
h of L	using "quide     using increase	eased noise-attenuation measures in building of	construction (e.g., dual-pane, sound-	nd, rated windows; exterior wall insulation).
I.S. H	Implementation:	Project applicant(s) of all project phases.		
Highway (	Timing:	During project construction activities at not from Broadstone Parkway to Iron Poin Golden Foothills Parkway	ise-sensitive receptors on the SPA; a nt Road; and at the existing noise-se	t the existing noise-sensitive receptors on Empire Ranch Road nsitive receptors on Latrobe Road from White Rock Road to
50 Sp City	Enforcement:	1. For all noise-sensitive receptors that w	vould be located within the City of F	olsom: City of Folsom Community Development Department.
of Fc		2. For all noise-sensitive receptors in El	Dorado Hills: El Dorado County De	velopment Services Department.
ic Plan Isom a		3. For all noise-sensitive receptors in the Community Development Departmen	t.	west of Prairie City Road: Sacramento County Planning and
FEIR/FEIS	NP (No Action/No Project) CD (Centralized Developm	NCP (No USACE Permit) RHD (Reduced Hillside Deve	PP (Proposed Pro lopment) PA (Preferred Off-	ject) RIM (Resource Impact Minimization) site Water Facility Alternative)
	B (Beneficial) N	I (No impact) LTS (Less than significant)	PS (Potentially significant)	S (Significant) SU (Significant and unavoidable)

	Summar	Table 1-1 y of Impacts and Mitigation	Measures	
	Impact	Land/Water	/GPA	Significance
	Mitigation			
4. <b>OFF-SITE</b> No mitigation measure <i>Significance after Miti</i> g	For all noise-sensitive receptors adjace es are required. gation: significant and unavoidable	ent to the U.S. 50 interchange in	nprovements: Caltrans.	
<b>3A.11-5: Long-Term H</b> <b>Source Noise Levels fr</b> increases in on-site stati residential, commercial These stationary noise s maximum) and result in	Exposure of Sensitive Receptors to Incre- om Project Operation. Project implemen- tionary-source noise levels associated with mixed-use, office/industrial, park, and ex- sources could exceed the applicable noise a substantial increase in ambient noise levels	eased Stationary- ntation would result in a the proposed ducational land uses. standards (hourly and evels.	ON-SITE NP: direct LTS, no in NCP, PP, RIM, CD, (Mechanical HVAC E Generators, Parking I Delivery Activity) NCP, PP, RIM, CD, (Emergency Facilities Educational Activities OFF-SITE No direct or indirect	direct <b>RHD:</b> direct PS, no indirect <i>Equipment, Emergency Electrical</i> <i>Lot Activities, &amp; Loading Dock and</i> <b>RHD:</b> direct LTS, no indirect <i>s &amp; Outdoor Recreational and</i>
ON-SITE NCP, PP, RIM, CD, R The project applicant(s) noise levels generated b	<b>HD: Mitigation Measure 3A.11-5: Imp</b> of all project phases for any particular di	lement Measures to Reduce No scretionary development project wild be located within 600 feet of	<b>bise from Project-Generat</b> t shall implement the follow	ted Stationary Sources. ving measures to reduce the effect of
<ul> <li>Routine testing and 6:00 p.m.). All elect</li> </ul>	I preventive maintenance of emergency el trical generators shall be equipped with n	ectrical generators shall be cond oise control (e.g., muffler) device	lucted during the less sensit	ive daytime hours (i.e., 7:00 a.m. to ufacturers' specifications.
<ul> <li>External mechanica criteria. These featu such as acoustical l directed away from</li> </ul>	al equipment associated with buildings sh ures may include, but are not limited to, lo ouvers, and exhaust and intake silencers. nearby noise-sensitive receptors.	all incorporate features designed ocating generators within equipn Equipment enclosures shall be o	I to reduce noise emissions nent rooms or enclosures th priented so that major openi	below the stationary noise source at incorporate noise-reduction features, ngs (i.e., intake louvers, exhaust) are
<ul> <li>Parking lots shall b 30 minutes in every Reduction of parkin topographic feature</li> </ul>	e located and designed so that noise emis y hour during the daytime [7 a.m. to 10 p. ng lot noise can be achieved by locating p es to provide acoustic shielding for noise-	sions do not exceed the stationar m.] and less than 45 dB for 30 n varking lots as far away as <del>possik</del> sensitive land uses.	ry noise source criteria estal ninutes of every hour during the <u>feasible</u> from noise sense	blished in this analysis (i.e., 50 dB for g the night time [10 p.m. to 7 a.m.]). itive land uses, or using buildings and
<ul> <li>Loading docks shal for 30 minutes in e</li> </ul>	Il be located and designed so that noise envery hour during the daytime [7 a.m. to 10]	nissions do not exceed the statio 0 p.m.] and less than 45 dB for 3	nary noise source criteria es 0 minutes of every hour du	stablished in this analysis (i.e., 50 dB iring the night time [10 p.m. to 7 a.m.]).
P (No Action/No Project) D (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Devel	PP (Proposed opment) PA (Preferred	Project) Off-site Water Facility Alterna	RIM (Resource Impact Minimization)
(Beneficial) NI (No	p impact) LTS (Less than significant)	PS (Potentially signification	ant) S (Significant)	SU (Significant and unavoidable)

AECOM Introduction
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		Summary of Im	pacts and Mit	gation Me	asures	
		Impact	Lai	nd/Water/GP	Α	Significance
		Mitigation				
Reduction of lo between loadin	bading dock noise og docks and nois	e can be achieved by locating loading e-sensitive land uses, or using building	g docks as far av ngs and topogra	yay as possil phic features	ble from noise sensitive land s to provide acoustic shieldi	d uses, constructing noise barriers ing for noise-sensitive land uses.
Implementation:	Project applica	nt(s) of all project phases.				
Timing:	Before submitt	al of improvement plans for each pro	oject phase, and	during proje	ect operations for testing of	emergency generators.
Enforcement:	City of Folsom	Community Development Departm	ent.			
OFF-SITI	E	a				
No initigation mea	isures are require	u. 				
Significance after I	Mitigation: less t	han significant				
<b>3A.11-6: Single-Ev</b> Specific Plan area c would not result in	vent Aircraft No could be exposed interior noise lev	<b>ise.</b> New noise sensitive land uses protonoise from aircraft overflights. Ovels that create sleep disturbance.	oposed in the verflights	Land	ON-SITE NP, NCP, PP, RIM, CD, OFF-SITE No direct or indirect	<b>RHD:</b> direct LTS, no indirect
ND NCD DD DIM		mitigation measures are required				
NF, NCF, FF, KIW	$\mathbf{I}, \mathbf{CD}, \mathbf{KHD}$ : NO	initigation measures are required.				
Significance after I	Mitigation: less t	nan significant				
<b>3A.11-7: Compatil</b> <b>Environment.</b> The that could be expose applicable General	bility of Propose project includes ed to noise levels Plan and Code.	d On-Site Land Uses with the Aml development of on-site noise-sensitiv that exceed the noise standards set f	<b>Dient Noise</b> we land uses Forth in the	Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RH (Roadway Traffic) NCP, PP, RIM, CD, RH General Corporation & P Recreation Area) OFF-SITE No direct or indirect	ct <b>D:</b> direct significant, no indirect <b>D:</b> direct LTS, no indirect ( <i>Aero</i> <i>Prairie City State Vehicular</i>
ON-SITE NCP, PP, RIM, Cl Timing: Enforcement: OFF-SITI No mitigation mea Significance after I	<b>D, RHD:</b> Implem Before submitt Folsom Comm E asures are require <i>Mitigation: less t</i>	ent Mitigation Measure 3A.11-4. al of tentative subdivision maps or in unity Development Department d. <b>han significant</b>	mprovement pla	ns		
No Action/No Project) Centralized Developm	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (F PA (F	Proposed Pro Preferred Off-	ject) site Water Facility Alternative)	RIM (Resource Impact Minimizat
eneficial) N	I (No impact)	LTS (Less than significant)	PS (Potential	v significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 bacts and Mitigation Mea	asures	
		Impact	Land/Water/GP/	A	Significance
		Mitigation			
3B.11 NOISE – V	VATER				
<b>3B.11-1: Tempora</b> Off-site Water Fact applicable City and	<b>ry and Short</b> ilities could ex l County stand	<b>-term Noise Levels in Excess of Standa</b> spose persons to or generate noise levels lards.	ards. The Water in excess of	NCP, PA, 1, 1A, 2, 2A, 2 indirect	2B, 3, 3A, 4, & 4A: direct PS & no
NCP, PA, 1, 1A, 2 between 7 a.m. and Implementation:	, <b>2A, 2B, 3, 3</b> 7 p.m. Mond City of Fols	<b>A, 4, &amp; 4A: Mitigation Measure 3B.11</b> ay through Friday, and 9 a.m. and 5 p.m. som Utilities Department	-1a: Limit Construction He on Saturday. No construction	ours. Construction activition shall be allowed on Sur	es shall be limited to daylight houn adays or holidays.
Timing:	During con	struction of all Off-site Water Facility co	omponents		
Enforcement:	1. For str City o	ructural improvements that would be loc f Folsom Community Development Dep	ated within the City of Folso artment.	om: City of Folsom Neigh	borhood Services Department and
	2. For str Comn	ructural improvements that would be loc nunity Development Department.	ated within unincorporated S	Sacramento County: Sacra	mento County Planning and
	3. For str	ructural improvements that would be loc	ated within the City of Ranc	ho Cordova: City of Ranc	ho Cordova Planning Department.
construction by mu tools, where used. ' receptors.	re 3B.11-16: 1 ffling and shie The City's cor	elding intakes and exhaust on construction Eq elding intakes and exhaust on construction struction specifications shall also requir	e that the contractor select st	acturer's specifications) a aging areas as far as feasi	shall be minimized during project nd by shrouding or shielding impa bly possible from sensitive
Implementation:	City of Fols	som Utilities Department			
Timing:	During con	struction of all Off-site Water Facility co	omponents		
Enforcement:	1. For str City o	ructural improvements that would be loc f Folsom Community Development Dep	ated within the City of Folso artment.	om: City of Folsom Neigh	borhood Services Department and
	2. For str Comn	ructural improvements that would be loc nunity Development Department.	ated within unincorporated S	Sacramento County: Sacra	mento County Planning and
	3. For str	ructural improvements that would be loc	ated within the City of Ranc	ho Cordova: City of Ranc	ho Cordova Planning Department.
Mitigation Measu and generators) and area. Temporary w exceed 90 dBA and provide a minimum	re 3B.11-1c: I I construction alls, stockpiles I occur within 1 10 dBA redu	Maximize the Use of Noise Barriers. C staging areas as far as possible from nea s of excavated materials, or moveable so less than 50 feet from a sensitive recepto ction in construction noise levels.	onstruction contractors shall rby residences. If feasible, n und barrier curtains would b or. The final selection of noi	locate fixed construction oise barriers shall be used e appropriate in instances se barriers will be subject	equipment (such as compressors at the construction site and stagin where construction noise would to the City's approval and shall
Implementation:	City of Fols	som Utilities Department			
(No Action/No Project) (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proj PA (Preferred Off-s	ect) ite Water Facility Alternative	RIM (Resource Impact Minimizatio
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Impact	Land/Water/GPA	Significance
		Mitigation		5
Timing:	Dur	ing construction of all Off-site Water Facility con	nponents	
Enforcement:	1.	For structural improvements that would be locat City of Folsom Community Development Depar	ed within the City of Folsom: City of Fo	blsom Neighborhood Services Department and
	2.	For structural improvements that would be locat Community Development Department.	ed within unincorporated Sacramento C	ounty: Sacramento County Planning and
	3.	For structural improvements that would be locat	ed within the City of Rancho Cordova:	City of Rancho Cordova Planning Departmer
Mitigation Measu	re 3B.	11-1d: Prohibit Non-Essential Noise Sources D	uring Construction. No amplified sour	ces (e.g., stereo "boom boxes") shall be used
the vicinity of resid	ences	during project construction.		
Implementation:	City	of Folsom Utilities Department		
Timing:	Dur	ing construction of all Off-site Water Facility con	nponents	
Enforcement:	1.	For structural improvements that would be locat City of Folsom Community Development Depar	ed within the City of Folsom: City of Former City o	olsom Neighborhood Services Department ar
	2.	For structural improvements that would be locat Community Development Department.	ed within unincorporated Sacramento C	ounty: Sacramento County Planning and
	3.	For structural improvements that would be locat	ed within the City of Rancho Cordova:	City of Rancho Cordova Planning Departme
Mitigation Measu manager shall track the City if construc	re 3B. and retion not	<b>11-1e: Monitor Construction Noise and Provid</b> espond to noise complaints. The City shall also pr bise levels are overly intrusive or construction occ	e a Mechanism for Filing Noise Comp ovide a mechanism for residents, busine surs outside the required hours.	blaints. An on-site complaint and enforcement esses, and agencies to register complaints with
Implementation:	City	of Folsom Utilities Department	-	
Timing:	Dur	ing construction of all Off-site Water Facility con	nponents	
Enforcement:	1.	For structural improvements that would be locat City of Folsom Community Development Depar	ed within the City of Folsom: City of Fo	olsom Neighborhood Services Department and
		For structural improvements that would be locat	ed within unincorporated Sacramento C	ounty. Sacramento County Planning and
	2.	Community Development Department.		
	2. 3.	Community Development Department. For structural improvements that would be locat	ed within the City of Rancho Cordova:	City of Rancho Cordova Planning Departme

		Summary of Impa	Table 1-1 acts and Mitigation Me	easures	
		Impact	Land/Water/GF	PA A	Significance
		Mitigation			
<b>3B.11-2: Exposure</b> Water Facilities co or groundborne not	e <b>to and/or Gene</b> uld expose perso se levels.	eration of Groundborne Vibration. T ns to or generate excessive groundborn	he Off-site Water e vibration	NCP, PA, 1, 1A, 2, 2A, 2 indirect	2B, 3, 3A, 4, & 4A: direct LTS, no
NCP, PA, 1, 1A, 2	, 2A, 2B, 3, 3A,	4, & 4A: No mitigation measures are re	equired.		
Significance after	Mitigation: less	than significant			
<b>3B.11-3: Permane</b> Facilities could cre vicinity of new pur	nt Increase in A ate a substantial nping facilities.	<b>mbient Noise Levels.</b> The Off-site Wa permanent increase in ambient noise let	ter Water vels in the	NCP, PA: direct PS, no i LTS, no indirect ( <i>Water 7</i> 1, 1A, 3, 3A, 4, 4A: direc 2, 2A, 2B: direct LTS, no	ndirect ( <i>Pump Station(s)</i> ); direct <i>Treatment Plant &amp; Traffic Noise</i> ) et PS, no indirect ( <i>pumping noise</i> ) o indirect
NCP, PA, 1, 1A, 2 measures shall be i City/County standa ► Shielding and	, 2A, 2B, 3, 3A, mplemented for urds: other specified n	<b>4, &amp; 4A: Mitigation Measure 3B.11-3</b> the design of the WTP and the pump stan measures as deemed appropriate and effe	<b>Ea: Implement Operation</b> ation(s) to ensure that operation ective by the design engine	nal Noise Minimization M rational noise levels at the p eer shall be incorporated in	<b>Teasures.</b> The following mitigation property line do not exceed the to the design in order to comply
with performa	nce standards.				
<ul> <li>Pumps located</li> </ul>	underground sha	all be shielded to not affect nearby sens	itive receptors.		
<ul> <li>Project equipn barriers, and a</li> </ul>	nent shall be outf coustical panels t	itted and maintained with noise-reducti o minimize operational noise.	on devices such as equip	nent closures, fan silencers,	, mufflers, acoustical louvers, noise
<ul> <li>Particularly no</li> </ul>	isy equipment sh	all be located as far away as feasibly p	ossible from nearby sensi	tive receptors.	
► The orientation	n of acoustical ex	tits shall always be facing away from no	earby sensitive receptors.		
<ul> <li>Buildings and</li> </ul>	landscaping shal	l be incorporated, where possible, to ab	sorb or redirect noise awa	ay from nearby sensitive rec	ceptors.
Implementation:	City of Folsor	n Utilities Department			
Timing:	Approval of e	ngineering plans for the On- or Off-site	WTPs and Off-site boos	ter pumping facilities prior	to construction
Enforcement:	1. For struc City of F	tural improvements that would be locat olsom Community Development Depa	ted within the City of Folertment.	som: City of Folsom Neighl	borhood Services Department and
	2. For struc Commun	tural improvements that would be locat hity Development Department.	ted within unincorporated	Sacramento County: Sacra	mento County Planning and
	3. For struc	tural improvements that would be locat	ted within the City of Rar	cho Cordova: City of Ranc	ho Cordova Planning Department.
Significance after	Mitigation: sign	ificant and unavoidable	2	2	C I
	-				
(No Action/No Project) (Centralized Developr	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	oject) -site Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Impact	I and/Water/GP	A Sign	ificance
	Mitigation		org	
3A.12 PARKS AND RECREATIO	N - LAND			
<b>3A.12-1: Sufficiency of Proposed Pa</b> <b>Potential Increased Use and Deterio</b> development proposed for the SPA w residents to meet the adopted City of increase the demand on existing neigh physical deterioration of the existing	arkland to Meet Increased Demand and oration of Existing Facilities. Residential ould require 5 acres of parkland per 1,000 Folsom standards. Increased population could aborhood and community parks such that the facilities could occur or be accelerated.	Land	ON-SITE NP: indirect LTS, no direct NCP, PP, RIM, CD, RHD: dir OFF-SITE No direct or indirect	rect LTS, no indirect
NP, NCP, PP, RIM, CD, RHD: No	mitigation measures are required.			
Significance after Mitigation: less th	an significant			
<b>3A.12-2: Increased Use and Potenti</b> <b>Local or Regional Park Facilities.</b> P number of new residents, which woul physical deterioration of existing off-	<b>al Physical Deterioration of Existing Off-site</b> roject implementation would result in a large d increase the use and could cause the potential site local and regional park facilities.	Land	Direct impacts are analyzed in ON-SITE NP: indirect LTS NCP, PP, RIM, CD, RHD: ind OFF-SITE No indirect	Impact 3A.12-1. direct LTS
NP, NCP, PP, RIM, CD, RHD: No	mitigation measures are required.			
	-			
Significance after Mitigation: less th	an significant			
Significance after Mitigation: less th 3B.12 PARKS AND RECREATIO	an significant N - WATER			
Significance after Mitigation: less th 3B.12 PARKS AND RECREATIO 3B.12-1: Temporary Disruptions to Opportunities. Implementation of the disrupt trail, golf course, or park facil	An significant N - WATER Existing Recreational Facilities and e Off-site Water Facilities could temporarily ity access.	Water	NCP, PA, 1, 1A, 2, 2A, 3, 3A, indirect 2B: no impacts	<b>4 &amp; 4A:</b> direct PS, no
Significance after Mitigation: less the 3B.12 PARKS AND RECREATIO 3B.12-1: Temporary Disruptions to Opportunities. Implementation of the disrupt trail, golf course, or park facil NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4 & 4 1a. As part of the Traffic Control Plan period through the use of detours. Pro of up-comings construction activities.	<ul> <li>N - WATER</li> <li>Existing Recreational Facilities and</li> <li>e Off-site Water Facilities could temporarily ity access.</li> <li>A: Mitigation Measure 3B.12-1: Provide for C identified in Mitigation Measure 3.14-1a, the Coper signage shall be included in multiple location</li> </ul>	Water Continued Rec Tity shall ensur- ns, where nece	NCP, PA, 1, 1A, 2, 2A, 3, 3A, indirect 2B: no impacts reational Access as Identified in e that trail access is maintained th ssary, to provide advance notice t	<b>4 &amp; 4A:</b> direct PS, no <b>n Mitigation Measure 3.</b> proughout the construction to hikers and equestrian r
Significance after Mitigation: less the 3B.12 PARKS AND RECREATIO 3B.12-1: Temporary Disruptions to Opportunities. Implementation of the disrupt trail, golf course, or park facil NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4 & 4. 1a. As part of the Traffic Control Plan period through the use of detours. Pro of up-comings construction activities. Implementation: City of Folsom	<ul> <li>An significant</li> <li>N - WATER</li> <li>Existing Recreational Facilities and e Off-site Water Facilities could temporarily ity access.</li> <li>A: Mitigation Measure 3B.12-1: Provide for C n identified in Mitigation Measure 3.14-1a, the C oper signage shall be included in multiple location</li> <li>Utilities Department</li> </ul>	Water Continued Rec ity shall ensur- ns, where nece	NCP, PA, 1, 1A, 2, 2A, 3, 3A, indirect 2B: no impacts reational Access as Identified in e that trail access is maintained th ssary, to provide advance notice t	<b>4 &amp; 4A:</b> direct PS, no <b>n Mitigation Measure 3.</b> aroughout the construction to hikers and equestrian r
Significance after Mitigation: less the 3B.12 PARKS AND RECREATIO 3B.12-1: Temporary Disruptions to Opportunities. Implementation of the disrupt trail, golf course, or park facil NCP, PA, 1, 1A, 2, 2A, 3, 3A, 4 & 4. 1a. As part of the Traffic Control Plan period through the use of detours. Pro of up-comings construction activities. Implementation: City of Folsom Timing: Prior to and dur	<ul> <li>An significant</li> <li>N - WATER</li> <li>Existing Recreational Facilities and</li> <li>e Off-site Water Facilities could temporarily ity access.</li> <li>A: Mitigation Measure 3B.12-1: Provide for C identified in Mitigation Measure 3.14-1a, the C oper signage shall be included in multiple location</li> <li>Utilities Department</li> <li>ing construction activities</li> </ul>	Water Continued Rec Tity shall ensur- ins, where nece	NCP, PA, 1, 1A, 2, 2A, 3, 3A, indirect 2B: no impacts reational Access as Identified in e that trail access is maintained th ssary, to provide advance notice t	<b>4 &amp; 4A:</b> direct PS, no <b>n Mitigation Measure 3.</b> proughout the construction to hikers and equestrian ri
Significance after Mitigation: less the3B.12 PARKS AND RECREATIO3B.12-1: Temporary Disruptions to Opportunities. Implementation of th disrupt trail, golf course, or park facilNCP, PA, 1, 1A, 2, 2A, 3, 3A, 4 & 4.1a. As part of the Traffic Control Plan period through the use of detours. Pro- of up-comings construction activities.Implementation:City of FolsomTiming:Prior to and dur CommunitEnforcement:1.1.For structur Communit	<ul> <li>An significant</li> <li>N - WATER</li> <li>Existing Recreational Facilities and         <ul> <li>e Off-site Water Facilities could temporarily ity access.</li> </ul> </li> <li>A: Mitigation Measure 3B.12-1: Provide for C         <ul> <li>identified in Mitigation Measure 3.14-1a, the C             <ul> <li>oper signage shall be included in multiple location</li> <li>Utilities Department             <ul></ul></li></ul></li></ul></li></ul>	Water Continued Rec Tity shall ensur- ns, where nece	NCP, PA, 1, 1A, 2, 2A, 3, 3A, indirect 2B: no impacts reational Access as Identified in e that trail access is maintained th ssary, to provide advance notice to Sacramento County: Sacramento	<b>4 &amp; 4A:</b> direct PS, no <b>n Mitigation Measure 3.</b> proughout the construction to hikers and equestrian r

		Summary of Im	Table 1-1 pacts and Mi	tigation Me	asures	
		Impact	La	nd/Water/GP	A	Significance
		Mitigation				
<b>2B:</b> No mitig <i>Significance</i>	2. For structures are response of the structure of the st	uctural improvements that would be loc equired. s than significant	cated within the	City of Rand	cho Cordova: City of Ranch	o Cordova Planning Department.
<b>3B.12-2: Effe</b> Implementatii river flows or recreational o	ects to Water-Orien on of the Off-site Wa r lake elevations that opportunities.	ted Recreational Facilities and Oppo ater Facilities would not cause an adver could result in substantial changes to es	ortunities. rse change in xisting	Water	NCP, PA, 1, 1A, 2, 2A, 2 indirect	<b>B</b> , <b>3</b> , <b>3A</b> , <b>4</b> , <b>&amp; 4A</b> : direct LTS, no
NCP, PA, 1,	1A, 2, 2A, 2B, 3, 3A	, 4, & 4A: No mitigation measures are	required.			
Significance	after Mitigation: les	s than significant				
3A.13 POPU	ULATION, EMPLO	YMENT, AND HOUSING - LAND				
<b>3A.13-1: Tenduring Conse</b> employment a Folsom from	<b>nporary Increase in</b> <b>truction.</b> Project imp and subsequent hous construction jobs.	<b>Population and Subsequent Housing</b> blementation would generate a tempora ing demand in Sacramento County and	<b>g Demand</b> rry increase in the City of	Land	NP: direct LTS, no indire NCP, PP, RIM, CD, RH	ct D: direct LTS, no indirect
NP, NCP, PF	P, RIM, CD, RHD: 1	No mitigation measures are required.				
Significance	after Mitigation: les	s than significant				
<b>3A.13-2: Per</b> result in the d long-term inc	manent Increase in levelopment of new r crease in population.	Population Growth. Project impleme residential dwelling units, which would	ntation would cause a direct	Land	ON-SITE NP: direct LTS, indirect i EIR/EIS NCP, PP, RIM, CD, RH evaluated throughout EIR OFF-SITE direct LTS, indirect impact	mpacts evaluated throughout <b>D:</b> direct LTS, indirect impacts /EIS ets evaluated throughout EIR/EIS
NP, NCP, PI Significance	P, RIM, CD, RHD: 1 after Mitigation: les	No mitigation measures are required. s than significant				
NP (No Action/No P CD (Centralized De	Project) velopment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP ( PA (	Proposed Pro Preferred Off-	ject) site Water Facility Alternative)	RIM (Resource Impact Minimization)
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentia	ly significant)	S (Significant)	SU (Significant and unavoidable)

Land/	Impact		62	
	impact	ater/GPA		Significance
	Mitigation			
L.	ng Housing or People Resulting from Project ation would displace one existing residence lo	d NP NC	ON-SITE : no direct or indirect P, PP, RIM, CD, RHI OFF-SITE direct or indirect	<b>D:</b> direct LTS, no indirect
	No mitigation measures are required.			
	s than significant			
	AND			
Lity ting	in Emergency Response Services during ation could obstruct roadways in the project vi ostructing or slowing emergency vehicles atter	.d NP NC	: direct LTS, no indirec P, PP, RIM, CD, RHI	t D: direct significant, no indirect
that may e approv a flagper isting lan- ty or Cou- its, for all oundaries mento Co	It traffic control plans for construction activities responsible for the affected roadway and must tising of planned lane closures, warning signate chicles. During project construction, access to rol plans shall be submitted to the appropriate l before the approval of all project plans or per- iss outside of the City of Folsom's jurisdictional ersight agency(ies) (i.e., El Dorado and/or Sac icant(s) of all project phases.	fect road rig and signed in to direct t uses shall be y departmen roject phase nust be coor ities and Ca	whits-of-way. The traffic by a professional engir raffic flows when needer maintained at all times t or the California Depa s where implementation dinated by the project a trans).	control plans must follow any neer. Measures typically used in ed, and methods to ensure s, with detours used as necessary artment of Transportation in may cause impacts on traffic. pplicant(s) of each applicable
luring cor	pproval of all relevant plans and/or permits ar	truction of a	ll project phases.	
of Folso	se roadways that would be annexed into the C	: City of Fol	som Public Works Dep	artmont
	se roadways that would remain under the con-	and a Comment	: Sacramento County I	artinent.
l of Sacra	true off aits no drugs compactions into El Dan	ento County	nte Denemtre ent of Tree	Department of Transportation.
l of Sacra ɔ Hills: E	two off-site roadway connections into El Doi	Dorado County	nty Department of Tran	Department of Transportation. sportation.
a flagper isting land y or Cour- its, for all oundaries nento Co during co	responsible for the affected roadway and mu- tising of planned lane closures, warning signa- chicles. During project construction, access to ol plans shall be submitted to the appropriate l before the approval of all project plans or per s outside of the City of Folsom's jurisdictional ersight agency(ies) (i.e., El Dorado and/or Sac icant(s) of all project phases. pproval of all relevant plans and/or permits ar	and signed on to direct t uses shall be y departmen roject phase nust be coor nities and Cal truction of a	by a professional engir raffic flows when neede maintained at all times t or the California Depa s where implementation dinated by the project a trans).	eer. Meas ed, and m s, with det artment of n may cau pplicant(s

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

Impact         Land/Water/GPA         Significance           Mitigation         3A.14-2: Increased Demand for Fire Protection Facilities, Systems, Equipment, and Services, Project development would result in increased demand for fire protection facilities and services, periodially resulting in the need for additional staff and equipment to maintain an adequate level of service.         Land         NP: direct LTS, no indirect           NP: No mitigation measures are required.         NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.14-2: Incorporate California Fire Code; City of Folsom Fire Code Requirements; and I Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Code Requirements; and Approv impacts related to the provision of new fire services, the project applicant(s) of all project phases shall do the following, as described below.           1.         Incorporate into project designs fire flow requirements based on the City of Folsom Fire Code, Folsom Fire Code, Folsom Municipal Code <sup>7</sup> 8.36), and other applicable requirements based on the City of Folsom Fire Department for Review and Approv impacts estated. In addition, approved plans showing access design shall be provided to the City of Folsom Fire Department secoses road length, dimensions, and finished surfaces for fir equipment. The installation of security gates accors a design shall be earbit be approved by the City of Folsom Fire Department. The operation of gates and barricades shall be in accordance with the Sacramento County Emergency Access Gates and Barriers Standard, as requir of Folsom Fire Code.           2.         Submit a Fire Systems New Buildings, Additions, and Alterations Document Submittal List to the City of Folsom Community Development D Building Division for review and approval. Low an	
Miligation 3A.14-2: Increased Demand for Fire Protection Facilities, Systems, Equipment, and Services, Project development would result in increased demand for fire protection facilities and services, potentially resulting in the need for additional staff and equipment to maintain an adequate level of service. ON-SITE NP: No miligation measures are required. NCP, PP, RIM, CD, RHD: clirect PS, indire Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Code Requirements; and IF Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Code Requirements; and IF Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Code (City of Folsom Municipal Code  8.36), and other applicable requirements based on the City of Folsom Fire Code; City of Folsom Fire Department for Review and Approv impacts related to the provision of new fire services, the project applicant(s) of all project phases shall do the following, as described below. 1. Incorporate into project designs fire flow requirements based on the City of Folsom Fire Code; City of Folsom Fire Department for Review and Approv impacts related to the provision of new fire services, the project applicantics) of all project phases shall be to the City of Folsom Fire Code (City of Folsom Fire Code). 2. Submit a proval. In addition, approved plans showing access for adheseribe access-road length, dimensions, and finished surfaces for fir equipment. The installation of security gates across a fire apparatus access road shall be approved by the City of Folsom Fire Department. The operation of gates and barricades shall be in accordance with the Sacramento County Emergency Access Gates and Barriers Standard, as requir of Folsom Fire Code. 2. Submit a Fire Systems New Buildings, Additions, and Alterations Document Submittal List to the City of Folsom Community Development D Building Division for review and approval before the issuance of bui	
<ul> <li>3A.14-2: Increased Demand for Fire Protection Facilities, Systems, Equipment, and Services. Project development would result in increased demand for fire protection facilities and services, potentially resulting in the need for additional staff and equipment to maintain an adequate level of service.</li> <li>ON-SITE</li> <li>NP: No mitigation measures are required.</li> <li>NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.14-2: Incorporate California Fire Code; City of Folsom Fire Code Requirements; and I Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Department for Review and Approv impacts related to the provision of new fire services, the project applicant(s) of all project phases shall do the following, as described below.</li> <li>I. Incorporate into project designs fire flow requirements based on the City of Folsom Fire Code, City of Folsom Municipal Code 8 3.6(), and other applicable requirements based on the City of Folsom Fire Code, City of Folsom Fire Department for Review and Approve impacts related to the provision of new fire services, the project applicant(s) of all project phases shall do the following, as described below.</li> <li>I. Incorporate into project designs fire flow requirements based on the City of Folsom Fire Code, City of Folsom Fire Department for Review and Approvement phases showing access design shall be provided to the City of Folsom Fire Department and dras. Improvement phases showing access a design shall be provided to the City of Folsom Fire Department. The operation of gates and barricades shall be in accordance with the Sacramento County Emergency Access Gates and Barriers Standard, as requi of Folsom Fire Code.</li> <li>Submit a Fire Systems New Buildings, Additions, and Alterations Document Submittal List to the City of Folsom Community Development D Building Division for review and approval before the issuance of building inprovement phas showing the EDHFD service area, if it is dete</li></ul>	
<ul> <li>ON-SITE</li> <li>NP: No mitigation measures are required.</li> <li>NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.14-2: Incorporate California Fire Code; City of Folsom Fire Code Requirements; and I Requirements, if Necessary, into Project Design and Submit Project Design to the City of Folsom Fire Department for Review and Approv impacts related to the provision of new fire services, the project applicant(s) of all project phases shall do the following, as described below.</li> <li>Incorporate into project designs fire flow requirements based on the California Fire Code, Folsom Fire Code (City of Folsom Municipal Code 7 8.36), and other applicable requirements based on the City of Folsom Fire Department fire prevention standards. Improvement plans showing t automatic sprinkler systems, the availability of adequate fire flow, and the locations of hydrants shall be submitted to the City of Folsom Fire Department as described 1 Section 17.57.080 ("Vehicular Access Requirements"). These plans shall describe access-road length, dimensions, and finished surfaces for fire equipment. The installation of security gates across a fire apparatus access road shall be approved by the City of Folsom Fire Department. The operation of gates and barricades shall be in accordance with the Sacramento County Emergency Access Gates and Barriers Standard, as require of Folsom Fire Code.</li> <li>Submit a Fire Systems New Buildings, Additions, and Alterations Document Submittal List to the City of Folsom Community Development D Building Division for review and approval before the issuance of building permits.</li> <li>In addition to the above measures, the project applicant(s) of all project phases shall incorporate the provisions described below for the portion of ft the EDHFD service area, if it is determined through City/El Dorado County negotiations that EDHFD wuld serve the 178-acre portion of the SPA</li> <li>Incorporate into project designs applicable requirements based on the EDHFD fire prev</li></ul>	ct impacts
<ol> <li>of Folsom Fire Code.</li> <li>Submit a Fire Systems New Buildings, Additions, and Alterations Document Submittal List to the City of Folsom Community Development D Building Division for review and approval before the issuance of building permits.</li> <li>In addition to the above measures, the project applicant(s) of all project phases shall incorporate the provisions described below for the portion of the EDHFD service area, if it is determined through City/El Dorado County negotiations that EDHFD would serve the 178-acre portion of the SPA</li> <li>Incorporate into project designs applicable requirements based on the EDHFD fire prevention standards. For commercial development, improv showing roadways, land splits, buildings, fire sprinkler systems, fire alarm systems, and other commercial building improvements shall be subr EDHFD for review and approval. For residential development, improvement plans showing property lines and adjacent streets or roads; total ac footage of the parcel; the footprint of all structures; driveway plan views describing width, length, turnouts, turnarounds, radiuses, and surfaces profile views showing the percent grade from the access road to the structure and vertical clearance shall be submitted to the EDHFD for review</li> <li>Submit a Fire Prevention Plan Checklist to the EDHFD for review and approval before the issuance of building permits. In addition residential</li> </ol>	<b>DHFD</b> <b>al.</b> To reduce Title 8, Chapter the incorporation epartment for by Zoning Code fighting design and ed by the City
<ul> <li>In addition to the above measures, the project applicant(s) of all project phases shall incorporate the provisions described below for the portion of the EDHFD service area, if it is determined through City/El Dorado County negotiations that EDHFD would serve the 178-acre portion of the SPA</li> <li>Incorporate into project designs applicable requirements based on the EDHFD fire prevention standards. For commercial development, improve showing roadways, land splits, buildings, fire sprinkler systems, fire alarm systems, and other commercial building improvements shall be subre EDHFD for review and approval. For residential development, improvement plans showing property lines and adjacent streets or roads; total actionate of the parcel; the footprint of all structures; driveway plan views describing width, length, turnouts, turnarounds, radiuses, and surfaces profile views showing the percent grade from the access road to the structure and vertical clearance shall be submitted to the EDHFD for review.</li> <li>Submit a Fire Prevention Plan Checklist to the EDHFD for review and approval before the issuance of building permits. In addition residential</li> </ul>	epartment
<ol> <li>Incorporate into project designs applicable requirements based on the EDHFD fire prevention standards. For commercial development, improve showing roadways, land splits, buildings, fire sprinkler systems, fire alarm systems, and other commercial building improvements shall be subi- EDHFD for review and approval. For residential development, improvement plans showing property lines and adjacent streets or roads; total ac- footage of the parcel; the footprint of all structures; driveway plan views describing width, length, turnouts, turnarounds, radiuses, and surfaces profile views showing the percent grade from the access road to the structure and vertical clearance shall be submitted to the EDHFD for review 4. Submit a Fire Prevention Plan Checklist to the EDHFD for review and approval before the issuance of building permits. In addition residential</li> </ol>	e SPA within
4. Submit a Fire Prevention Plan Checklist to the EDHFD for review and approval before the issuance of building permits. In addition residential	ement plans nitted to the reage or square and driveway and approval.
requiring automation fire sprinklers shall submit sprinkler design sheet(s) and hydraulic calculations from a California State Licensed C-16 Con The City shall not authorize the occupancy of any structures until the project applicant(s) have obtained a Certificate of Occupancy from the City of Community Development Department verifying that all fire prevention items have been addressed on-site to the satisfaction of the City of Folsom	development tractor. Folsom
(No Action/No Project)       NCP (No USACE Permit)       PP (Proposed Project)       RIM (Resource Im PA (Preferred Off-site Water Facility Alternative)         (Centralized Development)       RHD (Reduced Hillside Development)       PA (Preferred Off-site Water Facility Alternative)	pact Minimization

	Impact	Land/Water/	GPA	Significance
	Mitigation			
and/or the EDHFD	for the 178-acre area of the SPA within the EDHF	D service area.		
Implementation:	Project applicant(s) of all project phases.			
Timing:	Before issuance of building permits and issuance	e of occupancy permits or fi	nal inspections for all project	phases.
Enforcement:	City of Folsom Fire Department, and City of Fol within the EDHFD service area.	lsom Community Developn	ent Department, and/or EDH	FD for the portion of the SPA
OFF-SIT	E			
No mitigation mea	sures are required.			
Significance after	Mitigation: less than significant			
the development of adequate available	residential, commercial, school, and other uses that water flow for fire suppression. Lack of adequate f	at would require fire flow would	NP: direct LTS, no indire NCP, PP, RIM, CD, RH	ect ID: direct significant, no indirect
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu	re suppression at the SPA. measures are required. <b>D, RHD:</b> Implement Mitigation Measure 3A.14-2. <b>re 3A.14-3: Incorporate Fire Flow Requirement</b>	<b>s into Project Designs.</b> The	<b>OFF-SITE</b> No direct or indirect	ject phases shall incorporate into
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project desigr service area and sh occupancy permits	re suppression at the SPA. measures are required. <b>D, RHD:</b> Implement Mitigation Measure 3A.14-2. <b>re 3A.14-3: Incorporate Fire Flow Requirement</b> s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ac or final inspections for all project phases	<b>s into Project Designs.</b> The re Code, Folsom Fire Code, dequate water flow is availa	OFF-SITE No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro	oject phases shall incorporate into as of the SPA within the EDHFD ovement plans and issuance of
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project design service area and sh occupancy permits Implementation:	measures are required. <b>D, RHD:</b> Implement Mitigation Measure 3A.14-2. <b>re 3A.14-3: Incorporate Fire Flow Requirement</b> s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ac or final inspections for all project phases. Project applicant(s) of all project phases.	<b>s into Project Designs.</b> The re Code, Folsom Fire Code, dequate water flow is availa	OFF-SITE No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro	ject phases shall incorporate into is of the SPA within the EDHFD ovement plans and issuance of
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project desigr service area and sh occupancy permits Implementation: Timing:	re suppression at the SPA. measures are required. <b>D, RHD:</b> Implement Mitigation Measure 3A.14-2. <b>re 3A.14-3: Incorporate Fire Flow Requirement</b> s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ac or final inspections for all project phases. Project applicant(s) of all project phases. Before issuance of building permits and issuance	es into Project Designs. The re Code, Folsom Fire Code, dequate water flow is availa e of occupancy permits or fi	<b>OFF-SITE</b> No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro	ject phases shall incorporate into as of the SPA within the EDHFD ovement plans and issuance of phases.
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project desigr service area and sh occupancy permits Implementation: Timing: Enforcement:	<ul> <li>re suppression at the SPA.</li> <li>measures are required.</li> <li>D, RHD: Implement Mitigation Measure 3A.14-2.</li> <li>re 3A.14-3: Incorporate Fire Flow Requirement s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ago or final inspections for all project phases.</li> <li>Project applicant(s) of all project phases.</li> <li>Before issuance of building permits and issuance City of Folsom Fire Department, City of Folsom within the EDHFD service area.</li> </ul>	<b>is into Project Designs.</b> The re Code, Folsom Fire Code, dequate water flow is availa e of occupancy permits or fi n Community Development	OFF-SITE No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro nal inspections for all project Department, and/or EDHFD f	oject phases shall incorporate into as of the SPA within the EDHFD ovement plans and issuance of phases. For the 178-acre portion of the SPA
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project design service area and sh occupancy permits Implementation: Timing: Enforcement: OFF-SIT	<ul> <li>re suppression at the SPA.</li> <li>measures are required.</li> <li>D, RHD: Implement Mitigation Measure 3A.14-2.</li> <li>re 3A.14-3: Incorporate Fire Flow Requirement s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ac or final inspections for all project phases.</li> <li>Project applicant(s) of all project phases.</li> <li>Before issuance of building permits and issuance City of Folsom Fire Department, City of Folsom within the EDHFD service area.</li> </ul>	es <b>into Project Designs.</b> The re Code, Folsom Fire Code, dequate water flow is availa e of occupancy permits or fi n Community Development	<b>OFF-SITE</b> No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro nal inspections for all project Department, and/or EDHFD f	oject phases shall incorporate into as of the SPA within the EDHFD ovement plans and issuance of phases. For the 178-acre portion of the SPA
ON-SITE NP: No mitigation NCP, PP, RIM, C Mitigation Measu their project desigr service area and sh occupancy permits Implementation: Timing: Enforcement: OFF-SIT No mitigation mea	re suppression at the SPA. measures are required. <b>D, RHD:</b> Implement Mitigation Measure 3A.14-2. <b>re 3A.14-3: Incorporate Fire Flow Requirement</b> s fire flow requirements based on the California Fi all verify to City of Folsom Fire Department that ac or final inspections for all project phases. Project applicant(s) of all project phases. Before issuance of building permits and issuance City of Folsom Fire Department, City of Folsom within the EDHFD service area. <b>E</b> sures are required.	<b>is into Project Designs.</b> The re Code, Folsom Fire Code, dequate water flow is availa e of occupancy permits or fi n Community Development	<b>OFF-SITE</b> No direct or indirect project applicant(s) of all pro and/or EDHFD for those area ble, prior to approval of impro nal inspections for all project Department, and/or EDHFD f	oject phases shall incorporate into as of the SPA within the EDHFD ovement plans and issuance of phases. For the 178-acre portion of the SPA

Table 1-1           Summary of Impacts and Mitigation Measures				
Impact	Land/Water/GP/	A Significance		
Mitigation				
<b>3A.14-4: Increased Demand for Police Protection Facilities, Services, and Equipment.</b> Project development would increase the demand for police protection facilities and services, resulting in the need for additional staff and equipment to maintain an adequate level of service.	Land	ON-SITE NP: direct LTS, indirect impacts evaluated in EIR/EIS NCP, PP, RIM, CD, RHD: direct LTS, indirect impacts evaluated throughout EIR/EIS OFF-SITE No direct or indirect		
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.				
Significance after Mitigation: less than significant				
<b>3A.14-5: Increased Demand for Public Elementary School Facilities and Services</b> Project implementation would increase demand for elementary schools (grades K–5) to serve the project.	5. Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct LTS, indirect impacts evaluated throughout EIR/EIS OFF-SITE No direct or indirect		
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.				
Significance after Mitigation: less than significant				
<b>3A.14-6: Increased Demand for Public Middle and High School Facilities and Services.</b> Project implementation would increase demand for middle schools (grades 6–8) and high schools (grades 9–12) to serve the project.	Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct LTS, indirect impacts evaluated throughout EIR/EIS OFF-SITE No direct or indirect		
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.				
Significance after Mitigation: less than significant				

NP (No Action/No Proj CD (Centralized Devel	iect) lopment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimization)
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECOM Table 1-1 Summary of Impacts and Mitigation Measures Impact Land/Water/GPA Significance Mitigation **3A.15 TRAFFIC AND TRANSPORTATION - LAND** 3A.15-1: Increases to Peak-Hour and Daily Traffic Volumes, Resulting in Land **NP:** no impact Unacceptable Levels of Service. Implementation of development of the Project or NCP, PP, RIM, CD, RHD: direct SU build alternatives would cause an increase in a.m. peak-hour, p.m. peak-hour, and/or daily traffic volumes on area roadways, resulting in unacceptable LOS and warranting the need for improvements such as traffic signals and additional lanes. **NP:** No mitigation measures are required. NCP, PP, RIM, CD, RHD: Project Participation in Funding Transportation Improvements a. Within and adjacent to the project boundaries, the Applicant shall construct all feasible physical improvements necessary and available to reduce the severity of the project's significant transportation-related impacts, which may be subject to fee credits and/or reimbursement, coordinated by the City, from other feepaying development projects if available with respect to roads or other facilities that would also serve those non-project fee-paying development projects Funding of improvements on the perimeter of the project boundaries will be shared with other development/jurisdictions. b. Outside the project boundaries, the Applicant shall be responsible for the project's fair share of feasible physical improvements necessary and available to reduce the severity of the project's significant transportation-related impacts within the City of Folsom, in other jurisdictions and on State facilities, based on "cumulative plus project conditions." For purposes of this measure, "cumulative plus project conditions" refers to development authorized under the project as well as development consistent with approved general plans, specific plans, and other entitlements in the City and other jurisdictions. In cases where the project's fair share contribution is identified, the share will be based on the project's relative contribution to traffic growth under "cumulative plus project conditions." The project's contribution toward such improvements may take any, or some combination, of the following forms: Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE 1. Construction of roads, road improvements, or other transportation facilities outside the boundaries of the project, subject in some instances to fee credit against other improvements necessitated by the project or future reimbursement, coordinated by the City, from other fee-paying development projects if available where the roads or improvements at issue would also serve those non-project fee paying development projects; The payment of impact fees to the City of Folsom in amounts that constitute the project's fair share contributions to the construction of transportation 2 facilities to be built or improved within the City, consistent with the City's Capital Improvement Program ("CIP"); The payment of other adopted regional impact fees that would provide improvements to roadways, intersections and/or interchanges that are affected by 3. multiple jurisdictions, except where the project applicant's payments of other fees or construction of improvements within the City of Folsom creates credit against the payment of regional impact fees; 4. The payment of impact fees to the City of Folsom in amounts that constitute the project's fair share contributions to the construction of transportation facilities and/or improvements within affected jurisdictions outside of Folsom, which payments to the City of Folsom and transmittal of fees to other agencies would occur through one or more enforceable agreements provided that for each required improvement, there is a reasonable mitigation plan that ensures that (i) the fees collected from the project will be used for their intended purposes, and (ii) the improvements will actually be built within a reasonable period of time, and NP (No Action/No Project) NCP (No USACE Permit) PP (Proposed Project) RIM (Resource Impact Minimization) CD (Centralized Development) RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)

B (Beneficial) NI (No impact)

Introduction

	Summary o	Table 1-1 f Impacts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
	5. The payment of impact fees to the City of Folsom in amour facilities and/or improvements on federal or state highways Department of Transportation ("Caltrans") if and when Cal provided that, for each required improvement, Caltrans has used for their intended purposes, and (ii) the improvements	nts that constitute the project's fair share contril s or freeways needed in part because of the proj- trans and the City of Folsom enter into an enfor a reasonable mitigation plan that ensures that ( s will actually be built within a reasonable perio	butions to the construction of transportation ect, to be made available to the California recable agreement consistent with state law i) the fees collected from the project will be d of time.
с.	In pursuing a single agreement or multiple agreements with any order to effectuate proposed mitigation measures for improvement jurisdictions to enter into fair and reasonable arrangements with commitments for (i) the provision of adequate "fair share" mitig and state freeways and highways, and (ii) reciprocal payments f mitigation payments towards federal and state freeways and hig necessitated by the development within the region. It is intended jurisdictional credits and reimbursements consistent with the ger available information in order to obtain the most accurate, up-to regional fair share contributions. Best efforts should be made to also include provisions that allow for periodic updates to the tra newly approved projects cumulatively contributing to transporta improvements (ii) additional physical improvements necessitate construction of needed improvements based on changes in the c	y jurisdictions outside of the City of Folsom that ents outside the City of Folsom, the City will s the intention of achieving, within a reasonable gation payments from the project for out-of-juri from regional development projects to the City of hways for transportation-related facilities and/o d that these agreements shall permit the particip meral "fair share" mitigation standard, and requ o-date impact assessment feasible and to general secure funding from federal, state and regional affic modeling on which fair share payment calc ation-related impacts and that therefore should o ed in whole or in part by newly approved project costs of materials, labor, and other inputs.	will be affected by traffic from the project in eek to negotiate in good faith with these other time period after approval of the project's, sdiction traffic impacts and impacts on federal of Folsom to address cumulative "fair share" or improvements within the City of Folsom ating agencies flexibility in providing cross- ire an updated model run incorporating the bes te the most accurate, up-to-date estimates of sources. These agreements, moreover, should ulations depend in order to account for (i) contribute to the funding of necessary ts, and (iii) changing cost calculations for the
d.	If transportation improvements required to be constructed as mi portion for those improvements.	tigation are constructed prior to project implem	entation, the project will pay its fair share
e.	In considering individual projects within the project area (e.g., s of Folsom shall identify required improvements, and shall base modeling (i.e., modeling that accounts for (i) newly approved pr contribute to the funding of necessary improvements, (ii) addition (iii) changing cost calculations for the construction of needed in	small-lot tentative subdivision maps or similar of its calculations for such projects' fair share pay rojects cumulatively contributing to transportational physical improvements necessitated in who nprovements based on changes in the costs of n	liscretionary non-residential approvals), the Cin ments, based on the most recent traffic ion-related impacts and that therefore should ble or in part by newly approved projects, and naterials, labor, and other inputs).
Sia	nificance after Mitigation: significant and unavoidable		

		Summary of Impac	Table 1-1 cts and Mitigation Mea	sures	
		Impact	Land/Water/GPA		Significance
		Mitigation			
<b>3A.15-1a: Unacce</b> <b>Intersection (Inte</b> signalized intersec intersection to dete either or both a.m./	<b>ptable LOS at t</b> <b>rsection 1).</b> Proj tion operations a priorate with an i /p.m. peak hours	he Folsom Boulevard/Blue Ravine Roa ect or build alternative traffic would caus t the Folsom Boulevard/Blue Ravine Roa ncrease in delay of more than 5 seconds c	<b>d</b> Land e d luring	NCP, PP, RIM, CD, RH	D: significant
NCP, PP, RIM, C Boulevard/Blue R the eastbound appr share of funding of to the Folsom Bou	<b>CD, RHD: Mitig</b> Ravine Road Int roach must be rea f improvements, levard/Blue Rav	ation Measure 3A.15-1a: The Applican ersection (Intersection 1). To ensure tha configured to consist of two left-turn lane as may be determined by a nexus study o ine Road intersection (Intersection 1).	t Shall Pay a Fair Share t the Folsom Boulevard/E s, one through lane, and o r other appropriate and re	to Fund the Construction lue Ravine Road intersect ne right-turn lane. The appliable mechanism paid for	on of Improvements to the Folso tion operates at an acceptable LOS plicant shall pay its proportionate by applicant, to reduce the impac
Implementation:	City of Folso	m Public Works Department.			
Timing:	A phasing an implemented	alysis shall be performed prior to approva l and when fair share funding should be p	l of the first subdivision 1 aid.	nap to determine when th	e improvement should be
Enforcement:	City of Folso	m Public Works Department			
Significance after	Mitigation: less	than significant			
(Intersection 2). P operations at the S increase in delay o	Project or build a ibley Street/Blue f more than 5 se	Iternative traffic would cause signalized i Ravine Road intersection to deteriorate conds during the a.m. peak hour.	ntersection with an	PP, CD, RHD: significat	nt
NCP, RIM: No m	itigation measur	es are required.			
<b>PP, CD, RHD: M</b> <b>Ravine Road Inte</b> approach must be a funding of improve Sibley Street/Blue	itigation Measu rssection (Inters reconfigured to c ements, as may b Ravine Road int	re 3A.15-1b: The Applicant Shall Pay a ection 2). To ensure that the Sibley Stree onsist of two left-turn lanes, two through be determined by a nexus study or other a ersection (Intersection 2).	a Fair Share to Fund the t/Blue Ravine Road inters lanes, and one right-turn ppropriate and reliable mo	<b>Construction of Improv</b> ection operates at an acce lane. The applicant shall p echanism paid for by appl	rements at the Sibley Street/ Bl ptable LOS, the northbound bay its proportionate share of icant, to reduce the impacts to the
Implementation:	City of Folso	m Public Works Department.			
Timing:	A phasing an implemented	alysis shall be performed prior to approva and when fair share funding should be p	ll of the first subdivision 1 aid.	nap to determine when th	e improvement should be
Enforcement:	City of Folso	m Public Works Department			
Significance after	Mitigation: less	than significant			
(No Action/No Project (Centralized Developr	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proje PA (Preferred Off-s	ect) te Water Facility Alternative	RIM (Resource Impact Minimizat )
eneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)
		Summary of Impa	Table 1-1 cts and Mitigation Me	asures	
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		Impact	Land/Water/GP/	ł	Significance
		Mitigation			
<b>3A.15-1c: Unaccep</b> <b>Intersection (Inter</b> (West)/White Rock	<b>Stable LOS at t</b> <b>Section 28).</b> Un Road would de	he Scott Road (West)/White Rock Roa signalized intersection operations at Sco grade to LOS D during the p.m. peak ho	n <b>d</b> Land tt Road ur.	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C Road Intersection installed.	D, RHD: Mitig (Intersection 2	<ul><li>ation Measure 3A.15-1c: The Applicar</li><li>8). To ensure that the Scott Road (West)</li></ul>	nt Shall Fund and Const /White Rock Road interse	ruct Improvements to the ction operates at an accepta	Scott Road (West)/White Rock able LOS, a traffic signal must be
Implementation:	City of Folso	n Public Works Department.			
Timing:	A phasing an implemented	alysis shall be performed prior to approv	al of the first subdivision	map to determine when the	improvement should be
Enforcement:	City of Folso	n Public Works Department			
Significance after	Mitigation: less	than significant			
NCP, PP, RIM, C. Significance after	D, KHD: No mi Mitigation: less	tigation measures are required. than significant			
<b>3A.15-1e: Unaccep</b> <b>Intersection (Inter</b> Drive/Easton Valle hours.	ptable LOS at t section 41). Un y Parkway wou	he Hillside Drive/Easton Valley Parkw signalized intersection operations at Hill d be at LOS D during both a.m. and p.m	v <b>ay</b> Land side . peak	NCP, PP, RIM, CD: LTS RHD: significant	5
NCP, PP, RIM, C	<b>D:</b> No mitigation	n measures are required.			
<b>RHD: Mitigation</b> To ensure that the l one dedicated left t lane. The applicant	Measure 3A.15 Hillside Drive/E urn lane and two shall fund and o	<b>1e: Fund and Construct Improvemen</b> aston Valley Parkway intersection opera through lanes, and the westbound appro onstruct these improvements.	ts to the Hillside Drive/E tes at an acceptable LOS, bach must be reconfigured	Caston Valley Parkway In the eastbound approach mu to consist of two through	tersection (Intersection 41). ust be reconfigured to consist of lanes and one dedicated right-tur
Implementation:	City of Folso	n Public Works Department.			
Timing:	A phasing an implemented	alysis shall be performed prior to approv	al of the first subdivision	map to determine when the	improvement should be
(No Action/No Project) (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proj PA (Preferred Off-s	ect) ite Water Facility Alternative)	RIM (Resource Impact Minimizat
eneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Im	Table 1-1 pacts and Mit	igation M	easures	
		Impact	La	nd/Water/GI	PA	Significance
		Mitigation				
Enforcement: Significance after	City of Folsom Mitigation: less ti	Public Works Department an significant				
<b>3A.15-1f: Unaccep</b> <b>Intersection (Inter</b> Parkway/Middle R a.m./p.m. peak hou	ptable LOS at the rsection 44). Unsi oad would operate irs.	<b>Oak Avenue Parkway/Middle Ro</b> gnalized intersection operations at O e at unacceptable LOS D during eithe	p <b>ad</b> Dak Avenue er or both	Land	NCP, RIM: LTS PP, CD, RHD: significa	ant
NCP, RIM: No mi	itigation measures	are required.				
<b>PP, CD, RHD:</b> Mit <b>44</b> ). To ensure that fund and construct	itigation Measure the Oak Avenue I these improvement	<b>3A.15-1f: Fund and Construct In</b> Parkway/Middle Road intersection on the section of the section	<b>provements to</b> perates at an ac	the Oak A ceptable LO	<b>Venue Parkway/Middle I</b> DS, control all movements	<b>Road Intersection (Intersection</b> with a stop sign. The applicant shall
Implementation:	City of Folsom	Public Works Department.				
Timing:	A phasing anal implemented.	ysis shall be performed prior to appr	oval of the first	subdivisio	n map to determine when the	ne improvement should be
Enforcement:	City of Folsom	Public Works Department				
Significance after	Mitigation: less t	an significant				
<b>3A.15-1g: Unacce</b> <b>Intersection (Sacr</b> at Hazel Avenue/G capacity ratio incre	ptable LOS at the country I amento Country Boul country Boul country Boul country by more that the country by more that the country Boul country Bou	e Hazel Avenue/Gold Country Blv ntersection 1). Signalized intersecti evard would deteriorate, with the vol n 0.05 during the p.m. peak hour.	<b>d</b> on operations lume-to-	Land	NCP, PP, RIM, CD, RI	HD: LTS
NCP, PP, RIM, C	<b>D, RHD:</b> No miti	gation measures are required.				
Significance after	Mitigation: less t	an significant				
<b>3A.15-1h: Unacce</b> ( <b>Sacramento Com</b> Avenue/Folsom Bo increasing by more	ptable LOS at th nty Intersection 2 pulevard would de than 0.05 during	e Hazel Avenue/Folsom Blvd Inter ). Signalized intersection operations teriorate, with the volume-to-capacit the p.m. peak hour.	section at Hazel ay ratio	Land	NCP, CD: significant PP, RIM, RHD: LTS	
NCP, CD: Mitigat Intersection (Sacr intersection must b with improvements	tion Measure 3A. camento County I re grade separated s to the U.S. 50/Ha	<b>15-1h: Participate in Fair Share F</b> <b>ntersection 2).</b> To ensure that the H including "jug handle" ramps. No at izel Avenue interchange is a mitigati	unding of Imp azel Avenue/Fo grade improver ion measure for	rovements Isom Bould nent is feas the approv	to Reduce Impacts to the evard intersection operates sible. Grade separating and ed Easton-Glenbrough Spe	Hazel Avenue/Folsom Boulevard at an acceptable LOS, this extended (south) Hazel Avenue cific Plan development project. The
(No Action/No Project) (Centralized Developr	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (  PA (	Proposed Pr Preferred Of	oject) f-site Water Facility Alternative	RIM (Resource Impact Minimization)
Seneficial)	II (No impact)	LTS (Less than significant)	PS (Potential	y significant	) S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Measu	ires	
		Impact	Land/Water/GPA		Significance
		Mitigation			
applicant shall pa to reduce the imp	y its proportionat acts to the Hazel	e share of funding of improvements to t Avenue/Folsom Boulevard intersection	he agency responsible for imp (Sacramento County Intersect	rovements, based on a p ion 2).	program established by that agency
Implementation:	Sacramento (	County Public Works Department and C	Caltrans.		
Timing:	A phasing an implem	alysis shall be performed prior to appro ented.	val of the first subdivision map	to determine when the	improvement should be
Enforcement:	Sacramento (	County Public Works Department and C	Caltrans		
Significance after	r Mitigation: sig	nificant and unavoidable			
PP, RIM, RHD:	No mitigation me	easures are required.			
Significance after	r Mitigation: less	than significant			
NCP, PP, RIM, C Road/White Roc County Intersect currently County I County line (this Dorado County L The improvement westbound left tur intersection. With funding of improv Road/White Rock	<b>CD, RHD: Mitig</b> <b>ck Road Intersec</b> <b>tion 3).</b> Improven proposed White I analysis assumes ine). This wideni ts include two eas rn lanes and two n implementation vements to the ag c Road intersection	ation Measure 3A.15-1i: Participate i tion and to White Rock Road widenin nents must be made to ensure that the G Rock Road widening project will widen that the Proposed Project and build alter ng includes improvements to the Grant tbound through lanes, one eastbound ri- westbound through lanes. This improve of this improvement, the intersection w ency responsible for improvements, bas n (Sacramento County Intersection 3).	In Fair Share Funding of Imp ng between the Rancho Cord rant Line Road/White Rock R and realign White Rock Road ernatives will widen White Roc Line Road intersection and rea ght turn lane, two northbound ment also includes the signaliz ould operate at an acceptable I sed on a program established by	<b>provements to Reduce</b> <b>ova City limit to Prain</b> bad intersection operate from the Rancho Cordo k Road to five lanes fro ligning White Rock Ro eft turn lanes, two north ation of the White Rock OS A. The applicant shy that agency to reduce	<b>Impacts on the Grant Line</b> <b>ie City Road (Sacramento</b> s at an acceptable LOS. The ova City limit to the El Dorado om Prairie City road to the El ad to be the through movement. abound right turn lanes, two c Road and Grant Line Road nall pay its proportionate share of the impacts to the Grant Line
Implementation:	Sacramento (	County Public Works Department.			
Timing:	Before projec intersec expecte	et build out. Design of the White Rock I tion improvements has begun, and beca d to be complete before the first phase of	Road widening to four lanes, fi use this widening project is en of the Proposed Project or alter	om Grant Line Road to vironmentally cleared a native is built.	Prairie City Road, with nd fully funded, it's construction is
Enforcement:	Sacramento (	County Public Works Department			
Significance after	r Mitigation: sig	rificant and unavoidable			
(No Action/No Projec (Centralized Develop	ct) pment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimization)
Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Impa	Table 1-1 cts and Mitigation Mea	sures	
		Impact	Land/Water/GPA	Significa	ance
		Mitigation			
3A.15-1j: Unaccep Curragh Downs D to-capacity ratio or project-related traff	otable LOS on I Drive (Sacramer 1 this LOS F segn fic.	Hazel Avenue between Madison Avenue to County Roadway Segment 10). The ment would increase by more than 0.05	e and Land e volume- with	NCP, RIM: LTS PP, CD, RHD: significant	
NCP, RIM: No mi	tigation measure	es are required.			
<b>PP, CD, RHD: Mi</b> <b>Avenue and Curr</b> Gold Country Boul	tigation Measu agh Downs Driv evard, Hazel Av	re 3A.15-1j: Participate in Fair Share ve (Roadway Segment 10). To ensure the venue must be widened to six lanes. This	<b>Funding of Improvemen</b> nat Hazel Avenue operates improvement is part of the	to Reduce Impacts on Hazel A at an acceptable LOS between Cur County adopted Hazel Avenue wi	venue between Madiso ragh Downs Drive and dening project.
Implementation:	Sacramento C	County Public Works Department.			
Timing:	Before projec expected to b proportionate to reduce the	t build out. Construction of phase two or be completed by year 2013, before the fine share of funding of improvements to the impacts to Hazel Avenue between Mad	f the Hazel Avenue wideni rst phase of the Proposed P e agency responsible for in ison Avenue and Curragh	ng, from Madison Avenue to Curra roject or alternative is complete. The nprovements, based on a program of Downs Drive (Sacramento County	igh Downs Drive, is he applicant shall pay it established by that agen Roadway Segment 10).
Enforcement:	Sacramento C	County Public Works Department	_		
Significance after	Mitigation: sign	ificant and unavoidable			
and Gold Country Operations on this tocapacity ratio of build alternatives. NCP, PP, RIM, C	<b>Boulevard (Sa</b> roadway segmer this LOS F segm <b>D, RHD:</b> No mi	cramento County Roadway Segment at would deteriorate, with an increase in tent by more than 0.05 under the project tigation measures are required.	<b>11).</b> the volume- and all	··· , , ,,,,	
Significance after	Mitigation: less	than significant			
<b>3A.15-11: Unaccep</b> ( <b>El Dorado Count</b> Rock Road/Windfi seconds under unac	otable LOS at the y Intersection 3 eld Way would occeptable LOS F	<b>he White Rock Road/Windfield Way I</b> b). Unsignalized intersection operations a degrade as the delay would increase by r conditions during the p.m. peak traffic l	ntersection Land at White nore than 5 nour.	NCP, PP, RIM, CD, RHD: signif	ìcant
NCP, PP, RIM, C Road/Windfield V acceptable LOS, th share of funding of	D, RHD: Mitiga Vay Intersection e intersection m improvements t	<b>ation Measure 3A.15-11: Participate in</b> <b>a (El Dorado County Intersection 3).</b> The ust be signalized and separate northbourn to the agency responsible for improvement	Fair Share Funding of In o ensure that the White Ro d left and right turn lanes in nts, based on a program es	nprovements to Reduce Impacts ock Road/Windfield Way intersectinust be striped. The applicant shall tablished by that agency to reduce	on the White Rock on operates at an pay its proportionate the impacts to the Whit
(No Action/No Project) (Centralized Developm	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Proje PA (Preferred Off-s	ct) RIM (R te Water Facility Alternative)	esource Impact Minimizat
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant) SU (Sig	gnificant and unavoidable)

		Summary of Imp	Table 1-1 bacts and Mit	igation Me	asures	
		Impact	La	nd/Water/GP/	ł	Significance
		Mitigation				
Rock Road/Windfi	eld Way interse	ction (El Dorado County Intersection 3	).			
Implementation:	El Dorado Co	ounty Department of Transportation.				
Timing:	Before project	ct build out. A phasing analysis should phase the improvement should be built	be performed p	rior to appro	val of the first subdivision	map to determine during which
Enforcement:	El Dorado C	ounty Department of Transportation				
Significance after	Mitigation: sign	rificant and unavoidable				
<b>3A.15-1m: Unacco</b> <b>Intersection (Calt</b> Avenue/U.S. 50 we addition of project	eptable LOS at rans Intersection estbound ramps or alternative tr	the Hazel Avenue/U.S. 50 Westboun on 1). Signalized intersection operation would degrade as the delay increases w affic.	d Ramps as at Hazel with the	Land	NCP, PP, RIM, CD, RH	D: LTS
NCP, PP, RIM, C	<b>D, RHD:</b> No m	itigation measures are required.				
Significance after	Mitigation: less	than significant				
<b>3A.15-1n: Unacce</b> <b>Intersection (Calt</b> Avenue/U.S. 50 ea the p.m. peak hour.	ptable LOS at rans Intersections stbound ramps v	the Hazel Avenue/U.S. 50 Eastbound on 2). Signalized intersection operation would degrade as the delay would incre	<b>Ramps</b> as at Hazel case during	Land	NCP, PP, RIM, CD, RH	D: LTS
NCP, PP, RIM, C	<b>D, RHD:</b> No m	itigation measures are required.				
Significance after	Mitigation: less	than significant				
<b>3A.15-10: Unacceping</b> <b>Intersection (Calt</b> Boulevard/U.S. 50 unacceptable LOS	ptable LOS at a rans Intersection eastbound ramp F during the p.m.	the Folsom Boulevard/U.S. 50 Eastbo on 4). The signalized intersection of Fo os would degrade from an acceptable L n. peak traffic hour with project-related	ound Ramps olsom OS C to an l traffic.	Land	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C an alternative to it is causing vehicles parallel route. It is proportionate share to the Folsom Boul To ensure that the I	<b>D, RHD: Mitig</b> <b>mprovements</b> a to use Folsom I preferred to alle e of funding of i levard/U.S. 50 F Folsom Bouleva	ation Measure 3A.15-10: Participate at the Folsom Boulevard/U.S. 50 East Boulevard as an alternate parallel route eviate the congestion on U.S. 50 than to mprovements to the agency responsible Castbound Ramps intersection (Caltrans ard/U.S. 50 eastbound ramps intersection	in Fair Share bound Ramps until they reach upgrade the in for improvem Intersection 4 on operates at a	Funding of Intersection in U.S. 50, wh tersection at ents, based o h acceptable	Improvements to Reduce a (Caltrans Intersection 4 here they must get back on the end of this reliever rou n a program established by LOS, auxiliary lanes shoul	<b>Impacts on Eastbound U.S. 50 a</b> ). Congestion on eastbound U.S. 5 the freeway due to the lack of a te. The applicant shall pay its that agency to reduce the impacts d be added to eastbound U.S. 50
(No Action/No Project) (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP ( PA (	Proposed Proj Preferred Off-s	ect) site Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potential	y significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 Summary of Impacts and Mitigation Measures Impact Land/Water/GPA Significance Mitigation from Hazel Avenue to east of Folsom Boulevard. This was recommended in the Traffic Operations Analysis Report for the U.S. 50 Auxiliary Lane Project. Implementation: CaltransCity of Folsom Public Works Department and Sacramento County Department of Transportation Before project build out. A phasing analysis should be performed prior to approval of the first subdivision map to determine during which Timing: project phase the improvement should be built. CaltransCity of Folsom Public Works Department and Sacramento County Department of Transportation Enforcement: Significance after Mitigation: significant and unavoidable 3A.15-1p: Unacceptable LOS at the Grant Line Road/ State Route 16 Intersection Land NCP, PP, RIM, CD, RHD: significant (Caltrans Intersection 12). The signalized intersection of Grant Line Road/State Route 16 would experience an increase in delay during the a.m. peak traffic hour and degrade to an unacceptable LOS F during the p.m. peak traffic hour. NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.15-1p: Participate in Fair Share Funding of Improvements to Reduce Impacts on the Grant Line Road/State Route 16 Intersection (Caltrans Intersection 12). To ensure that the Grant Line Road/State Route 16 intersection operates at an acceptable LOS, the northbound and southbound approaches must be reconfigured to consist of one left-turn lane and one shared through/right-turn lane. Protected left-turn signal phasing must be provided on the northbound and southbound approaches. Improvements to the Grant Line Road/State Route 16 intersection are contained within the County Development Fee Program, and are scheduled for Measure A funding. Improvements to this intersection must be implemented by Caltrans, Sacramento County, and the City of Rancho Cordova. ► The applicant shall pay its proportionate share of funding of improvements to the agency responsible for improvements, based on a program established by that agency to reduce the impacts to the Grant Line Road/State Route 16 intersection (Caltrans Intersection 12). Implementation: Caltrans. Sacramento County Department of Transportation and the City of Rancho Cordova Department of Public Works Before project build out. A phasing analysis should be performed prior to approval of the first subdivision map to determine during which Timing: project phase the improvement should be built. Caltrans, Sacramento County Department of Transportation and the City of Rancho Cordova Department of Public Works Enforcement: Significance after Mitigation: significant and unavoidable 3A.15-1q: Unacceptable LOS on Eastbound U.S. 50 between Zinfandel Drive and Land NCP, PP, RIM, CD, RHD: significant Sunrise Boulevard (Freeway Segment 1). This freeway segment would degrade to an unacceptable LOS F during the p.m. peak hour. NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.15-10: Participate in Fair Share Funding of Improvements to Reduce Impacts on Eastbound U.S. 50 between Zinfandel Drive and Sunrise Boulevard (Freeway Segment 1). To ensure that Eastbound U.S. 50 operates at an acceptable LOS between Zinfandel Drive and Sunrise Boulevard, a bus-carpool (HOV) lane must be constructed. This improvement is currently planned as part of the Sacramento 50 Bus-Carpool NP (No Action/No Project) NCP (No USACE Permit) PP (Proposed Project) RIM (Resource Impact Minimization) CD (Centralized Development) RHD (Reduced Hillside Development) PA (Preferred Off-site Water Facility Alternative)

PS (Potentially significant)

LTS (Less than significant)

NI (No impact)

1-150

AECOM Introduction

S (Significant)

		Summary of Imp	Table 1-1 pacts and Mitigation Measures	
		Impact	Land/Water/GPA	Significance
		Mitigation		
Lane and Commun improvements, bas (Freeway Segment	ity Enhancemen ed on a program 1).	ts Project. The applicant shall pay its p established by that agency to reduce the	roportionate share of funding of impr ne impacts to Eastbound U.S. 50 betw	ovements to the agency responsible for een Zinfandel Drive and Sunrise Boulevard
Implementation:	Caltrans			
Timing:	Before projec complet <u>Bus-Ca</u>	et build out. Construction of the Sacram ed by year 2013, before the first phase arpool Lane and Community Enhance	ento 50 Bus-Carpool Lane and Comr of the Proposed Project or alternative cements Project has started since t	nunity Enhancements Project is expected to be is complete. <u>Construction of the Sacramento 50</u> he writing of the Draft EIS/EIR.
Enforcement:	Caltrans			
Significance after	Mitigation: sigr	ificant and unavoidable		
unacceptable LOS NCP, PP, RIM, C between Hazel Av and Folsom Boulev Auxiliary Lane Pro- funding of improve	F during the p.n <b>D, RHD: Mitig</b> <b>venue and Folso</b> vard, an auxiliary oject. This impro- ements to the age	n. peak hour with project-related traffic ation Measure 3A.15-1r: Participate m Boulevard (Freeway Segment 3). y lane must be constructed. This improvement is included in the proposed 50 ency responsible for improvements, bas a Boulevard (Freeway Segment 3).	in Fair Share Funding of Improven Fo ensure that Eastbound U.S. 50 ope vement was recommended in the Traf Corridor Mobility Fee Program. The sed on a program established by that a	nents to Reduce Impacts on Eastbound U.S. 50 rates at an acceptable LOS between Hazel Avenue fic Operations Analysis Report for the U.S. 50 applicant shall pay its proportionate share of agency to reduce the impacts to Eastbound U.S. 50
Implementation:	CaltransCity	of Folsom Public Works Department a	nd Sacramento County Department of	fTransportation
Timing <sup>.</sup>	Before project	et build out A phasing analysis should	be performed to determine during wh	ich project phase the improvement should be built
Enforcement:	<del>Caltrans</del> City	of Folsom Public Works Department a	nd Sacramento County Department of	f Transportation
Significance after	Mitigation: sign	ificant and unavoidable		
<b>3A.15-1s: Unaccep</b> <b>and Prairie City F</b> to an unacceptable in the volume to ca peak hour.	ptable LOS on a Road (Freeway LOS F during the product of the prod	Eastbound U.S. 50 between Folsom E Segment 4). This freeway segment wo ne p.m. peak hour and would experienc er unacceptable LOS F conditions durin	<b>Boulevard</b> Land <b>NCP, PF</b> uld degrade e an increase ng the p.m.	P, RIM, CD, RHD: significant
NCP, PP, RIM, C between Folsom B Boulevard and Prai	<b>D, RHD: Mitig</b> Boulevard and I irie City Road, a	ation Measure 3A.15-1s: Participate Prairie City Road (Freeway Segment n auxiliary lane must be constructed. T	<b>in Fair Share Funding of Improven</b> <b>4).</b> To ensure that Eastbound U.S. 50 his improvement was recommended i	nents to Reduce Impacts on Eastbound U.S. 50 operates at an acceptable LOS between Folsom in the Traffic Operations Analysis Report for the
(No Action/No Project) (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water F	RIM (Resource Impact Minimizatic
eneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant) S (S	Significant) SU (Significant and unavoidable)

		Impact	Land/Water/GI	λ	Significance
			Lanu/water/Gr	A	Significance
		Mitigation			
U.S. 50 Auxiliary I funding of improve Eastbound U.S. 50	Lane Project. The ments, as may between Folson	his improvement is included in the prop be determined by a nexus study or othe n Boulevard and Prairie City Road (Fr	posed 50 Corridor Mobility er appropriate and reliable 1 eeway Segment 4).	Fee Program. The applican nechanism paid for by appli	t shall pay its proportionate share c cant, to reduce the impacts to
Implementation:	CaltransCity	of Folsom Public Works Department a	and Sacramento County De	partment of Transportation	
Timing:	Before proje project	ct build out. A phasing analysis should phase the improvement should be built	l be performed prior to appi t.	oval of the first subdivision	map to determine during which
Enforcement:	CaltransCity	of Folsom Public Works Department a	and Sacramento County De	partment of Transportation	
Significance after	Mitigation: sig	nificant and unavoidable			
<b>3A.15-1t: Unaccep</b> <b>Boulevard – Latro</b> freeway segment w unacceptable LOS	<b>otable LOS on</b> <b>bbe Road and I</b> yould experience F conditions du	Eastbound U.S. 50 between El Dora Bass Lake Grade (Freeway Segment e an increase in the volume to capacity ring the p.m. peak.	<b>do Hills</b> Land <b>9).</b> This ratio under	NCP, PP, RIM, CD, RH	D: LTS
NCP, PP, RIM, C	<b>D, RHD:</b> No m	itigation measures are required.			
Significance after	Mitigation: less	than significant			
and Folsom Boule experience an incre conditions during t	vard (Freeway ease in the volue he a.m. peak ho	<b>Segment 16).</b> This freeway segment v ne to capacity ratio under unacceptable ur.	would e LOS F	NCP, PP, KIM, CD, KH	<b>D</b> : significant
NCP, PP, RIM, C. between Prairie C City Road and Fols U.S. 50 Auxiliary I funding of improve Westbound U.S. 50	<b>D, RHD: Mitig</b> <b>ity Road and I</b> som Boulevard, Lane Project. The ments, as may between Prairi	ation Measure 3A.15-1u: Participate Folsom Boulevard (Freeway Segmen an auxiliary lane must be constructed. his improvement is included in the prop be determined by a nexus study or othe e City Road and Folsom Boulevard (F	e in Fair Share Funding o t 16). To ensure that Westb This improvement was rec posed 50 Corridor Mobility er appropriate and reliable n reeway Segment 16).	f Improvements to Reduce ound U.S. 50 operates at an ommended in the Traffic Op Fee Program. The applican nechanism paid for by appli	e Impacts on Westbound U.S. 50 acceptable LOS between Prairie perations Analysis Report for the t shall pay its proportionate share cant, to reduce the impacts to
Implementation:	CaltransCity	of Folsom Public Works Department a	and Sacramento County De	partment of Transportation	
Timing:	Before proje project	ct build out. A phasing analysis should phase the improvement should be built	be performed prior to appr t.	oval of the first subdivision	map to determine during which
Enforcement:	CaltransCity	of Folsom Public Works Department a	and Sacramento County De	partment of Transportation	
Significance after	Mitigation: sig	nificant and unavoidable			
No Action/No Project) Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pr PA (Preferred Of	oject) -site Water Facility Alternative)	RIM (Resource Impact Minimizatic
eneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant	S (Significant)	SU (Significant and unavoidable)

	Table Summary of Impacts and	1-1 I Mitigation N	leasures	
	Impact	Land/Water/C	GPA	Significance
	Mitigation			
<b>3A.15-1v: Unaccep</b> <b>Sunrise Boulevard</b> an increase in the v during the a.m. pea	<b>ptable LOS on Westbound U.S. 50 between Hazel Avenue and</b> (Freeway Segment 18). This freeway segment would experient volume to capacity ratio under unacceptable LOS F conditions k hour.	d Land ce	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C between Hazel Av Avenue and Sunris 50 Auxiliary Lane implemented by Ca program establishe	<b>D</b> , <b>RHD:</b> Mitigation Measure 3A.15-1v: Participate in Fair Stenue and Sunrise Boulevard (Freeway Segment 18). To ensure Boulevard, an auxiliary lane must be constructed. This improve Project, and included in the proposed Rancho Cordova Parkway altrans. The applicant shall pay its proportionate share of funding d by that agency to reduce the impacts to Westbound U.S. 50 bet	hare Funding e that Westbou ement was reco interchange pro of improvement ween Hazel Av	of Improvements to Reduce nd U.S. 50 operates at an acce mmended in the Traffic Opera oject. Improvements to this fre nts to the agency responsible venue and Sunrise Boulevard	Impacts on Westbound U.S. 50 eptable LOS between Hazel ations Analysis Report for the U. eeway segment must be for improvements, based on a (Freeway Segment 18).
Implementation:	CaltransCity of Rancho Cordova Department of Public W	orks and Sac	ramento County Department	nt of Transportation
Timing:	Before project build out. A phasing analysis should be perform project phase the improvement	ned prior to app	proval of the first subdivision	map to determine during which
Enforcement:	CaltransCity of Rancho Cordova Department of Public W	Vorks and Sac	ramento County Department	nt of Transportation
Significance after	Mitigation: significant and unavoidable			
3A.15-1w: Unacce Merge (Freeway M density under unac	<b>Example LOS at the U.S. 50 Eastbound/Folsom Boulevard Ran</b> <b>Merge 4).</b> This freeway merge would experience an increase in ceptable LOS F conditions during the p.m. peak hour.	np Land	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C Eastbound/Folson merge, an auxiliary Traffic Operations applicant shall pay to reduce the impact	<b>D, RHD: Mitigation Measure 3A.15-1w: Participate in Fair S</b> <b>n Boulevard Ramp Merge (Freeway Merge 4).</b> To ensure that a lane from the Folsom Boulevard merge to the Prairie City Road Analysis Report for the U.S. 50 Auxiliary Lane Project. This implies its proportionate share of funding of improvements to the agency cts to the U.S. 50 Eastbound/Folsom Boulevard Ramp Merge (Fre	<b>Chare Funding</b> Eastbound U.S diverge must b provement is in responsible for eeway Merge 4	of Improvements to Reduce . 50 operates at an acceptable be constructed. This improvem cluded in the proposed 50 Cost or improvements, based on a p	E Impacts on U.S. 50 LOS at the Folsom Boulevard nent was recommended in the rridor Mobility Fee Program. The rogram established by that agen
Implementation:	CaltransCity of Folsom Public Works Department and Sacrat	mento County	Department of Transporta	tion
Timing:	Before project build out. A phasing analysis should be perform project phase the improvement should be built.	ned prior to app	proval of the first subdivision	map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Department and Sacran	mento County	Department of Transporta	tion
Significance after	Mitigation: significant and unavoidable			
No Action/No Project)	NCP (No USACE Permit)	PP (Proposed F	Project) )ff_site Water Facility Alternative)	RIM (Resource Impact Minimizat

PS (Potentially significant)

S (Significant)

SU (Significant and unavoidable)

B (Beneficial)

NI (No impact)

LTS (Less than significant)

	Summary of Ir	npacts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
3A.15-1x: Unacce (Freeway Diverge under unacceptable	<ul> <li>btable LOS at the U.S. 50 Eastbound/Prairie City</li> <li>5). This freeway diverge would experience an increa</li> <li>LOS F conditions during the p.m. peak hour.</li> </ul>	<b>Road Diverge</b> Land <b>NCP, PP,</b> ase in density	RIM, CD, RHD: significant
NCP, PP, RIM, C Eastbound/Prairi diverge, an auxiliar for the U.S. 50 Aux proportionate share reduce the impacts	<b>D, RHD: Mitigation Measure 3A.15-1x: Participa</b> <b>City Road Diverge (Freeway Diverge 5).</b> To ensure y lane from the Folsom Boulevard merge must be co- iliary Lane Project. This auxiliary lane improvement of funding of improvements, as may be determined to the U.S. 50 Eastbound/Prairie City Road diverge	te in Fair Share Funding of Improvement in that Eastbound U.S. 50 operates at an a constructed. This improvement was recomment it is included in the proposed 50 Corridor by a nexus study or other appropriate and (Freeway Diverge 5).	ents to Reduce Impacts on U.S. 50 acceptable LOS at the Prairie City Road off-ramp nended in the Traffic Operations Analysis Repor Mobility Fee Program. The applicant shall pay is reliable mechanism paid for by applicant, to
Implementation:	CaltransCity of Folsom Public Works Departmen	t and Sacramento County Department	of Transportation
Timing:	Before project build out. A phasing analysis shou project phase the improvement should be bu	ld be performed prior to approval of the fi ilt.	rst subdivision map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Departmen	t and Sacramento County Department	of Transportation
Significance after	Mitigation: significant and unavoidable		
<b>3A.15-1y: Unacce</b> ( <b>Freeway Merge 6</b> during the p.m. pea	<b>Datable LOS at the U.S. 50 Eastbound/Prairie City</b> <b>).</b> This freeway merge would degrade to an unaccep k hour.	<b>Road Merge</b> Land <b>NCP, PP,</b> table LOS F	RIM, CD, RHD: significant
NCP, PP, RIM, C Eastbound/Prairie ramp direct merge, proposed 50 Corric or other appropriat	<b>D, RHD: Mitigation Measure 3A.15-1y: Participa</b> <b>City Road Direct Merge (Freeway Merge 6).</b> To an auxiliary lane to the East Bidwell Street – Scott I or Mobility Fee Program. The applicant shall pay its and reliable mechanism paid for by applicant, to re	te in Fair Share Funding of Improvement ensure that Eastbound U.S. 50 operates a Road diverge must be constructed. This au s proportionate share of funding of improv	ents to Reduce Impacts on U.S. 50 an acceptable LOS at the Prairie City Road on xiliary lane improvement is included in the rements, as may be determined by a nexus study
Merge 6).		duce the impacts to the U.S. 50 Eastbound	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation:	CaltransCity of Folsom Public Works Department	duce the impacts to the U.S. 50 Eastbound	l/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing:	CaltransCity of Folsom Public Works Departmen Before project build out. A phasing analysis shou project phase the improvement should be bu	duce the impacts to the U.S. 50 Eastbound <u>t</u> Id be performed prior to approval of the fi ilt.	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing: Enforcement:	CaltransCity of Folsom Public Works Departmen Before project build out. A phasing analysis shou project phase the improvement should be bu CaltransCity of Folsom Public Works Department	duce the impacts to the U.S. 50 Eastbound <u>t</u> ld be performed prior to approval of the fi ilt. <u>t</u>	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing: Enforcement: <i>Significance after</i>	CaltransCity of Folsom Public Works Departmen Before project build out. A phasing analysis shou project phase the improvement should be bu CaltransCity of Folsom Public Works Department Mitigation: significant and unavoidable	duce the impacts to the U.S. 50 Eastbound <u>t</u> ld be performed prior to approval of the fi ilt. <u>t</u>	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing: Enforcement: <i>Significance after</i>	CaltransCity of Folsom Public Works Departmen Before project build out. A phasing analysis shou project phase the improvement should be bu CaltransCity of Folsom Public Works Departmen Mitigation: significant and unavoidable	duce the impacts to the U.S. 50 Eastbound <u>t</u> ld be performed prior to approval of the fi ilt. <u>t</u>	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing: Enforcement: Significance after	CaltransCity of Folsom Public Works Departmen Before project build out. A phasing analysis shou project phase the improvement should be bu CaltransCity of Folsom Public Works Departmen Mitigation: significant and unavoidable	duce the impacts to the U.S. 50 Eastbound <u>t</u> Id be performed prior to approval of the fi ilt. <u>t</u>	I/Prairie City Road direct merge (Freeway
Merge 6). Implementation: Timing: Enforcement: <i>Significance after</i> (No Action/No Project (Centralized Developr	CaltransCity of Folsom Public Works Departmen         Before project build out. A phasing analysis shou         project phase the improvement should be bu         CaltransCity of Folsom Public Works Departmen         Mitigation: significant and unavoidable         NCP (No USACE Permit)         ent)       RHD (Reduced Hillside Developmen	duce the impacts to the U.S. 50 Eastbound t ld be performed prior to approval of the fi ilt. t PP (Proposed Project) t) PA (Preferred Off-site Water Fa	I/Prairie City Road direct merge (Freeway rst subdivision map to determine during which RIM (Resource Impact Minimizati cility Alternative)

	Summary of Ir	Table 1-1 npacts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
3A.15-1z: Unacce On-Ramp to Oak new freeway weav	ptable LOS at the U.S. 50 Eastbound/Prairie City Avenue Parkway Off-Ramp Weave (Freeway We e would operate an unacceptable LOS F during the p	Road Flyover Land NCP, PP, R eave 8). This .m. peak hour.	IM, CD, RHD: significant
NCP, PP, RIM, C Eastbound/Prairie at an acceptable LC implemented to eli share of funding of to the U.S. 50 East	<b>D, RHD: Mitigation Measure 3A.15-1z: Participa</b> <b>e City Road Flyover On-Ramp to Oak Avenue Pa</b> DS at the Prairie City Road flyover on-ramp to Oak A minate the unacceptable weaving conditions. Such an f improvements, as may be determined by a nexus stu bound / Prairie City Road flyover on-ramp to Oak A	te in Fair Share Funding of Improvement rkway Off-Ramp Weave (Freeway Weave Venue Parkway off-ramp weave, an improven improvement may involve a "braided ramp udy or other appropriate and reliable mechar venue Parkway off-ramp weave (Freeway W	ts to Reduce Impacts on U.S. 50 e 8). To ensure that Eastbound U.S. 50 operate rement acceptable to Caltrans should be o". The applicant shall pay its proportionate tism paid for by applicant, to reduce the impact Veave 8).
Implementation:	CaltransCity of Folsom Public Works Departmen	<u>t</u>	
Timing:	Before project build out. A phasing analysis shou project phase the improvement should be bu	ld be performed prior to approval of the first ilt.	subdivision map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Departmen	<u>t</u>	
Significance after	Mitigation: significant and unavoidable		
<b>3A.15-1aa: Unacc</b> <b>Loop Merge (Free</b> unacceptable LOS	eptable LOS at the U.S. 50 Eastbound/Oak Avenueway Merge 9). This new freeway merge would oper F during the p.m. peak.	<b>The Parkway</b> Land <b>NCP, PP, R</b> rate an	M, CD, RHD: significant
NCP, PP, RIM, C Eastbound/Oak A Parkway loop merg proposed 50 Corric or other appropriat Merge 9).	<b>D, RHD: Mitigation Measure 3A.15-1aa: Particip</b> <b>Evenue Parkway Loop Merge (Freeway Merge 9).</b> ge, an auxiliary lane to the East Bidwell Street – Scot dor Mobility Fee Program. The applicant shall pay its e and reliable mechanism paid for by applicant, to re	ate in Fair Share Funding of Improvement To ensure that Eastbound U.S. 50 operates a t Road diverge must be constructed. This au s proportionate share of funding of improvement duce the impacts to the U.S. 50 Eastbound/	<b>nts to Reduce Impacts on U.S. 50</b> at an acceptable LOS at the Oak Avenue inxiliary lane improvement is included in the nents, as may be determined by a nexus study Oak Avenue Parkway loop merge (Freeway
Implementation:	CaltransCity of Folsom Public Works Department	<u>t</u>	
Timing:	Before project build out. A phasing analysis shou project phase the improvement should be bu	ld be performed prior to approval of the first ilt.	subdivision map to determine during which
Enforcement.	CaltransCity of Folsom Public Works Departmen	<u>t</u>	
Emoreement.			

NP (No Action/No Pr	oject)	NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Dev	elopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Impact		
	Land/Water/Gi	Significance
Mitigation		
<b>3A.15-1bb: Unacceptable LOS at the U.S. 50 Eastbound/El Dorado Hills</b> <b>Boulevard – Latrobe Road Merge (Freeway Merge 19).</b> This freeway merge we experience an increase in density under unacceptable LOS F conditions during the peak hour.	Land vould le p.m.	NCP, PP, RIM, CD, RHD: LTS
NCP, PP, RIM, CD, RHD: No mitigation measures are required.		
Significance after Mitigation: less than significant		
<b>3A.15-1cc: Unacceptable LOS at the U.S. 50 Westbound/El Dorado Hills</b> <b>Boulevard Diverge (Freeway Diverge 20).</b> This freeway diverge would experie increase in density under unacceptable LOS F conditions during the a.m. peak ho	Land nce an our.	NCP, PP, RIM, CD, RHD: LTS
NCP, PP, RIM, CD, RHD: No mitigation measures are required.		
Significance after Mitigation: less than significant		
<b>3A.15-1dd: Unacceptable LOS at the U.S. 50 Westbound/Empire Ranch Roa Loop Ramp Merge (Freeway Merge 23).</b> This freeway merge would operate at unacceptable LOS F during the a.m. peak hour.	nd Land an	NCP, PP, RIM, CD, RHD: significant
NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.15-1dd: Participate in Fa Westbound/Empire Ranch Road Loop Ramp Merge (Freeway Merge 23). The Empire Ranch Road loop on ramp should start the westbound auxiliary lane that southbound Empire Ranch Road would merge into this extended auxiliary lane. I applicant shall pay its proportionate share of funding of improvements, as may b	<b>ir Share Funding</b> o ensure that Westl ends at the East Bi mprovements to th e determined by a r Road loop ramp mo	<b>of Improvements to Reduce Impacts on U.S. 50</b> bound U.S. 50 operates at an acceptable LOS, the northbound dwell Street – Scott Road off ramp. The slip on ramp from is freeway segment must be implemented by Caltrans. The nexus study or other appropriate and reliable mechanism paid orge (Freeway Merge 23).
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch	1 1	
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire RanchImplementation:CaltransCity of Folsom Public Works Department	1 1	
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire RanchImplementation:CaltransCity of Folsom Public Works DepartmentTiming:Before project build out. A phasing analysis should be perfure project phase the improvement should be built.	ormed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire RanchImplementation:CaltransCity of Folsom Public Works DepartmentTiming:Before project build out. A phasing analysis should be perf project phase the improvement should be built.Enforcement:CaltransCity of Folsom Public Works Department	ormed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch         Implementation:       CaltransCity of Folsom Public Works Department         Timing:       Before project build out. A phasing analysis should be performed project phase the improvement should be built.         Enforcement:       CaltransCity of Folsom Public Works Department         Significance after Mitigation: significant and unavoidable	ormed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch         Implementation:       CaltransCity of Folsom Public Works Department         Timing:       Before project build out. A phasing analysis should be perf project phase the improvement should be built.         Enforcement:       CaltransCity of Folsom Public Works Department         Significance after Mitigation: significant and unavoidable	ormed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch         Implementation:       CaltransCity of Folsom Public Works Department         Timing:       Before project build out. A phasing analysis should be perf         project phase the improvement should be built.         Enforcement:       CaltransCity of Folsom Public Works Department         Significance after Mitigation: significant and unavoidable	formed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch         Implementation:       CaltransCity of Folsom Public Works Department         Timing:       Before project build out. A phasing analysis should be perf project phase the improvement should be built.         Enforcement:       CaltransCity of Folsom Public Works Department         Significance after Mitigation: significant and unavoidable	ormed prior to app	roval of the first subdivision map to determine during which
for by applicant, to reduce the impacts to the U.S. 50 Westbound/Empire Ranch         Implementation:       CaltransCity of Folsom Public Works Department         Timing:       Before project build out. A phasing analysis should be perf project phase the improvement should be built.         Enforcement:       CaltransCity of Folsom Public Works Department         Significance after Mitigation: significant and unavoidable         (No Action/No Project)       NCP (No USACE Permit)         (Centralized Development)       BHD (Beduced Hillside Development)	PP (Proposed Pr	pject) RIM (Resource Impact Minimiza

	Table Summary of Impacts and	1-1 d Mitigation Me	easures
	Impact	Land/Water/GP	PA Significance
	Mitigation		
3A.15-1ee: Unacc Loop Ramp Merg unacceptable LOS	eptable LOS at the U.S. 50 Westbound/Oak Avenue Parkway ge (Freeway Merge 29). This freeway merge would operate at an F during the a.m. peak hour.	7 Land	NCP, PP, RIM, CD, RHD: significant
NCP, PP, RIM, C Westbound/Oak A Oak Avenue Parkw Avenue Parkway v its proportionate sh reduce the impacts	<b>D</b> , <b>RHD: Mitigation Measure 3A.15-1ee: Participate in Fair</b> <b>Avenue Parkway Loop Ramp Merge (Freeway Merge 29).</b> To vay loop on ramp should start the westbound auxiliary lane that e vould merge into this extended auxiliary lane. Improvements to t hare of funding of improvements, as may be determined by a nex to the U.S. 50 Westbound/Oak Avenue Parkway loop ramp mer	Share Funding or ensure that West onds at the Prairie his freeway segment us study or other a ge (Freeway Merg	of Improvements to Reduce Impacts on U.S. 50 thound U.S. 50 operates at an acceptable LOS, the northbound city Road off ramp. The slip on ramp from southbound Oak then must be implemented by Caltrans. The applicant shall pa appropriate and reliable mechanism paid for by applicant, to ge 29).
Implementation:	CaltransCity of Folsom Public Works Department		
Timing:	Before project build out. A phasing analysis should be perform project phase the improvement should be built.	med prior to appro	oval of the first subdivision map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Department		
Significance after	Mitigation: significant and unavoidable		
<b>3A.15-1ff: Unacce</b> <b>Ramp Merge (Fre</b> unacceptable LOS	eptable LOS at the U.S. 50 Westbound/Prairie City Road Loc eway Merge 32). This freeway merge would degrade to an F during the a.m. peak hour.	p Land	NCP, PP, RIM, CD, RHD: significant
NCP, PP, RIM, C Westbound/Prain Road loop ramp m proposed 50 Corric other appropriate a Merge 32).	<b>D, RHD: Mitigation Measure 3A.15-1ff: Participate in Fair S</b> <b>ie City Road Loop Ramp Merge (Freeway Merge 32).</b> To ensu- erge, an auxiliary lane to the Folsom Boulevard off ramp diverge dor Mobility Fee Program. The applicant shall pay its proportion and reliable mechanism paid for by applicant, to reduce the impact	Share Funding of ure that Westboun must be construc- ate share of fundin ets to the U.S. 50 V	<b>f Improvements to Reduce Impacts on U.S. 50</b> nd U.S. 50 operates at an acceptable LOS at the Prairie City cted. This auxiliary lane improvement is included in the ng of improvements, as may be determined by a nexus study Westbound/Prairie City Road Loop Ramp Merge (Freeway
Implementation:	CaltransCity of Folsom Public Works Department and Sacrar	nento County Dep	partment of Transportation
Timing:	Before project build out. A phasing analysis should be perform project phase the improvement should be built.	med prior to appro	oval of the first subdivision map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Department and Sacrar	nento County Dep	partment of Transportation

	Summary o	Table 1-1 f Impacts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
3A.15-1gg: Unacce Merge (Freeway M density under unacc	<b>ptable LOS at the U.S. 50 Westbound/Prairie</b> <b>erge 33).</b> This freeway merge would experience eptable LOS F conditions during the a.m. peak h	<b>City Road Ramp</b> Land <b>NCP, PP,</b> I an increase in our.	RIM, CD, RHD: significant
NCP, PP, RIM, CD Westbound/Prairie Road direct ramp mo proposed 50 Corrido other appropriate an Merge 33).	, RHD: Mitigation Measure 3A.15-1gg: Partie City Road Direct Ramp Merge (Freeway Me erge, an auxiliary lane to the Folsom Boulevard of Mobility Fee Program. The applicant shall pay d reliable mechanism paid for by applicant, to re	cipate in Fair Share Funding of Improvem orge 33). To ensure that Westbound U.S. 50 of off ramp diverge must be constructed. This are its proportionate share of funding of improveduce the impacts to the U.S. 50 Westbound/F	ents to Reduce Impacts on U.S. 50 perates at an acceptable LOS at the Prairie City ixiliary lane improvement is included in the ements, as may be determined by a nexus study trairie City Road direct ramp merge (Freeway
Implementation:	CaltransCity of Folsom Public Works Depa	artment and Sacramento County Departm	ent of Transportation
Timing:	Before project build out. A phasing analysis sh project phase the improvement should be	ould be performed prior to approval of the fin built.	st subdivision map to determine during which
Enforcement:	CaltransCity of Folsom Public Works Depa	artment and Sacramento County Departm	ent of Transportation
Significance after M	litigation: significant and unavoidable		
<b>3A.15-1hh: Unacce</b> <b>Diverge (Freeway B</b> density under unacc from an acceptable 1	<b>ptable LOS at the U.S. 50 Westbound/Folsom</b> <b>Diverge 34).</b> This freeway diverge would experie eptable LOS F conditions during the a.m. peak h LOS D to an unacceptable LOS F during the p.m.	Boulevard Land NCP, PP, Dence an increase in our, and degrade peak hour.	RIM, CD, RHD: significant
NCP, PP, RIM, CD Eastbound/Folsom	<b>, RHD: Mitigation Measure 3A.15-1hh: Parti</b> <b>Boulevard Diverge (Freeway Diverge 34).</b> To y lane from the Prairie City Road loop ramp mer ary lane improvement is included in the propose	<b>cipate in Fair Share Funding of Improven</b> ensure that Westbound U.S. 50 operates at as ge must be constructed. Improvements to this d 50 Corridor Mobility Fee Program. The ap	<b>The Network State State</b>
Caltrans. This auxili of improvements, as Eastbound / Folsom	may be determined by a nexus study or other ar Boulevard diverge (Freeway Diverge 34).	ppropriate and reliable mechanism paid for by	applicant, to reduce the impacts to the U.S. 50
Caltrans. This auxili of improvements, as Eastbound / Folsom Implementation:	may be determined by a nexus study or other ap Boulevard diverge (Freeway Diverge 34). CaltransCity of Folsom Public Works Departm	ppropriate and reliable mechanism paid for by thent and Sacramento County Department	applicant, to reduce the impacts to the U.S. 50
Caltrans. This auxili of improvements, as Eastbound / Folsom Implementation: Timing:	may be determined by a nexus study or other ar Boulevard diverge (Freeway Diverge 34). CaltransCity of Folsom Public Works Departm Before project build out. A phasing analysis sh project phase the improvement should be built	ould be performed prior to approval of the first.	of Transportation est subdivision map to determine during which
Caltrans. This auxil: of improvements, as Eastbound / Folsom Implementation: Timing: Enforcement:	may be determined by a nexus study or other ar Boulevard diverge (Freeway Diverge 34). CaltransCity of Folsom Public Works Departm Before project build out. A phasing analysis sh project phase the improvement should be built CaltransCity of Folsom Public Works Departm	oppropriate and reliable mechanism paid for by thent and Sacramento County Department ould be performed prior to approval of the first. thent and Sacramento County Department	of Transportation st subdivision map to determine during which

B (Beneficial)

NI (No impact)

LTS (Less than significant)

1-158

SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Me	asures	
		Impact	Land/Water/GP	A	Significance
		Mitigation			
3A.15-1ii: Unacce Merge (Freeway M density under unac	ptable LOS at Aerge 38). This ceptable LOS F	the U.S. 50 Westbound/Hazel Avenue freeway merge would experience an in conditions during the a.m. peak hour.	<b>Ramp</b> Land crease in	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C Westbound/Hazel direct ramp merge, 50 Corridor Mobili on a program estab	<b>D, RHD: Mitig</b> <b>Avenue Direc</b> an auxiliary lat ty Fee Program lished by that a	<b>tation Measure 3A.15-1ii: Participate</b> <b>t Ramp Merge (Freeway Merge 38).</b> The to the Sunrise Boulevard off ramp div . The applicant shall pay its proportional gency to reduce the impacts to the U.S.	in Fair Share Funding of To ensure that Westbound U verge must be constructed. the share of funding of impr 50 Westbound/Hazel Aven	<b>Improvements to Reduce</b> U.S. 50 operates at an accept This auxiliary lane improve ovements to the agency result ue direct ramp merge (Free	e <b>Impacts on U.S. 50</b> table LOS at the Hazel Avenue ement is included in the proposed sponsible for improvements, based eway Merge 38).
Implementation:	CaltransSac	ramento County Department of Tran	sportation and City of R	ancho Cordova Departm	ent of Public Works
Timing:	Before proje project phas	ct build out. A phasing analysis should be the improvement should be built.	be performed prior to appro-	val of the first subdivision	map to determine during which
Enforcement:	CaltransSac	ramento County Department of Tran	sportation and City of R	ancho Cordova Departm	ent of Public Works
Significance after	Mitigation: sig	nificant and unavoidable			
<b>Project Area.</b> Proj automobile travel c impacts.	ect implementa on area roadway	tion would increase demand for single-or single-or sand intersections causing roadway and	d intersection	110 <b>F</b> , <b>FF</b> , <b>K</b> LWI, C <b>D</b> , <b>KH</b>	D. Significant
NCP, PP, RIM, C Development, and discretionary devel development concu Pedestrian and bicy demand on area roa commercial centers reduce the volume	<b>D, RHD: Mitig</b> <b>Develop and </b> I opment applica urrent with hous yele facilities sh adways and inter <u>a</u> shall develop a of single-occup	cation Measure 3A.15-2 <u>a</u> : Develop Co Provide Options for Alternative Tran- tion including commercial or mixed-use ing development, to the extent feasible all be implemented to the satisfaction o resections, the project applicant(s) for <del>al</del> and implement safe and secure bicycle p ancy vehicles using area roadways and	mmercial Support Service sportation Modes. The pro- development along with re- in light of market realities a f the City Public Works De project phases any particu- parking at schools and com- intersections.	es and Mixed-use Develop ject applicant(s) for all pre- esidential uses shall develo- and other considerations, to partment. To further minin lar discretionary developm mercial centers to promote	ment Concurrent with Housing jeet phases any particular p commercial and mixed-use internalize vehicle trips. nize impacts from the increased ent application involving schools or alternative transportation uses and
Implementation:	City of Folso	om and Applicant(s)			
Timing:	Before appro	oval of improvement plans for all project numercial or mixed-use development.	<del>t phases</del> <u>any particular disc</u>	retionary development app	lication that includes residential
Enforcement:	City of Folso	om Public Works Department.			
The project applica	nt(s) for all pro	ject phases any particular discretionary	development application sh	all participate in capital im	provements and operating funds
P (No Action/No Project) D (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ect) site Water Facility Alternative)	RIM (Resource Impact Minimization)
(Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECOM Introduction	
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		Summary of Im	Table 1-1 pacts and Mitigation Measu	ires	
		Impact	Land/Water/GPA		Significance
		Mitigation			
for transit service to be identified in the Folsom Stage Line	o increase the pe project conditions and Sacrament	rcent of travel by transit. The project ns of approval and/or the project's de o RT.	's fair-share participation and the velopment agreement. Improver	e associated timing of the nents and service shall	he improvements and service shall be coordinated, as necessary, with
Implementation:	City of Folsor	n, Regional Transit, and Applicant(s)	)		
Timing:	As a condition	n of project approval and/or as a cond	lition of the development agreen	nent for all project phas	es.
Enforcement:	City of Folsor	n Public Works Department.	r c	1 5 1	
Mitigation Measu particular discretion reduce the number Implementation:	re 3A.15-2b: Pa nary developmer of single-occupa City of Folsor	rticipate in the City's Transportation at application shall pay an appropriate ant automobile travel on area roadway n and Applicant(s)	ion System Management Fee P e amount into the City's existing ys and intersections.	rogram. The project ap Transportation System	pplicant(s) for <del>all project phases</del> <u>ar</u> Management Fee Program to
Timing:	Concurrent w	ith construction for all project phases			
Enforcement:	City of Folsor	n Public Works Department.			
Implementation: Timing: Enforcement: Significance after	50 Corridor T Concurrent w City of Folson <i>Mitigation: sign</i>	ransportation Management Associati ith construction for all project phases n Public Works Department. <i>ificant and unavoidable</i>	on and Applicant(s)		
<b>3A.15-3: Potential</b> <b>Program.</b> The City roadway facilities ( Year 2030) within roadway facilities t	I <b>Impacts Assoc</b> y of Folsom has a (those identified the city limits. H hat will be needed	ated with the City's Transportation a transportation impact fee program to in the City General Plan for impleme owever, this fee program does not co ed due to the Proposed Project or alte	n Impact Fee Land No o implement ntation before over the new rnative.	CP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C	D, RHD: Mitiga	ntion Measure 3A.15-3: Pay Full Co	ost of Identified Improvements	that Are Not Funded	by the City's Fee Program.
In accordance with contributions to the Implementation: C Timing: As a cond Enforcement: C Significance after	Measure W, the c City's transport City of Folsom ar ition of project a City of Folsom Pro <i>Mitigation: sign</i>	project applicant(s) for all project pl ation impact fee program to fully fun ad Applicant(s) pproval and/or as a condition of the c ublic Works Department. <i>ificant and unavoidable</i>	hases any particular discretionary and improvements only required b development agreement for all pr	<u>development applicati</u> ecause of the Specific I roject phases.	on shall provide fair-share Plan.
(No Action/No Project) (Centralized Developn	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimizatic
Beneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Summary of Impacts and I	Vitigation M	easures
	Impact	Land/Water/GI	PA Significance
	Mitigation		
<b>3A.15-4: Increase</b> <b>Unacceptable Lev</b> Implementation of foreseeable develo traffic hour, and/or LOS and warrantir lanes under cumula	s to Peak-Hour and Daily Traffic Volumes, Resulting in rels of Service, under Cumulative (2030) Conditions. the Proposed Project (or alternatives) and other reasonably pment would cause an increase in a.m. peak traffic hour, p.m. peak daily traffic volumes on area roadways, resulting in unacceptable of the need for improvements such as traffic signals and additional ative (2030) conditions.	Land	NP: no direct or indirect
NP: No mitigation	measures are required.		
Significance after	Mitigation: less than significant		
3A.15-4a: Unacce (Folsom Intersect	ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized	Land	NCP, RIM: LTS PP. CD. RHD: significant
<b>3A.15-4a: Unacce</b> (Folsom Intersect intersection would of five or more sec (2030) conditions.	ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative	Land	NCP, RIM: LTS PP, CD, RHD: significant
<b>3A.15-4a: Unacce</b> (Folsom Intersect intersection would of five or more sec (2030) conditions. NCP, RIM: No m	ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative itigation measures are required.	Land	NCP, RIM: LTS PP, CD, RHD: significant
3A.15-4a: Unacce (Folsom Intersect intersection would of five or more sec (2030) conditions. NCP, RIM: No m PP, CD, RHD: M Ravine Road Inte Cumulative No Pro The applicant shall paid for by applica	ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative itigation measures are required. itigation Measure 3A.15-4a: The Applicant Shall Pay a Fair Sha rsection (Folsom Intersection 2). To ensure that the Sibley Street/ oject delay, the northbound approach must be reconfigured to consi l pay its proportionate share of funding of improvements, as may be nt, to reduce the impacts to the Sibley Street/Blue Ravine Road inter- ded intersection and the sibley Street/Blue Ravine Road inter- tion of the sibley Street/Blue Ravine Road inter- section (Folson Intersection 2).	Land E Are to Fund th Blue Ravine F st of two left-te determined b ersection (Fols	NCP, RIM: LTS PP, CD, RHD: significant he Construction of Improvements to the Sibley Street/Bla Road intersection operates at a LOS D with less than the turn lane, two through lanes, and one dedicated right-turn lan by a nexus study or other appropriate and reliable mechanism som Intersection 2).
3A.15-4a: Unacce (Folsom Intersect intersection would of five or more sec (2030) conditions. NCP, RIM: No m PP, CD, RHD: M Ravine Road Inte Cumulative No Pro The applicant shall paid for by applica Implementation:	<ul> <li>ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative</li> <li>itigation measures are required.</li> <li>itigation Measure 3A.15-4a: The Applicant Shall Pay a Fair Sharsection (Folsom Intersection 2). To ensure that the Sibley Street/ bject delay, the northbound approach must be reconfigured to consil pay its proportionate share of funding of improvements, as may be nt, to reduce the impacts to the Sibley Street/Blue Ravine Road intersection City of Folsom Public Works Department.</li> </ul>	Land The form the for	NCP, RIM: LTS PP, CD, RHD: significant he Construction of Improvements to the Sibley Street/Bla Road intersection operates at a LOS D with less than the turn lane, two through lanes, and one dedicated right-turn lan by a nexus study or other appropriate and reliable mechanism som Intersection 2).
3A.15-4a: Unacce (Folsom Intersect intersection would of five or more sec (2030) conditions. NCP, RIM: No m PP, CD, RHD: M Ravine Road Inte Cumulative No Pro The applicant shall paid for by applica Implementation: Timing:	<ul> <li>ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative</li> <li>itigation measures are required.</li> <li>itigation Measure 3A.15-4a: The Applicant Shall Pay a Fair Shar section (Folsom Intersection 2). To ensure that the Sibley Street/ oject delay, the northbound approach must be reconfigured to consil pay its proportionate share of funding of improvements, as may be nt, to reduce the impacts to the Sibley Street/Blue Ravine Road intersection (Folsom Public Works Department.</li> <li>Before project build out. A phasing analysis should be performe project phase the improvement should be built.</li> </ul>	Land are to Fund th Blue Ravine F st of two left-t e determined b ersection (Fols d prior to appro-	NCP, RIM: LTS PP, CD, RHD: significant he Construction of Improvements to the Sibley Street/BI Road intersection operates at a LOS D with less than the turn lane, two through lanes, and one dedicated right-turn lan by a nexus study or other appropriate and reliable mechanism som Intersection 2).
3A.15-4a: Unacce (Folsom Intersect intersection would of five or more sec (2030) conditions. NCP, RIM: No m PP, CD, RHD: M Ravine Road Inte Cumulative No Pro The applicant shall paid for by applica Implementation: Timing: Enforcement:	<ul> <li>ptable LOS at the Sibley Street/Blue Ravine Road Intersection ion 2) under Cumulative (2030) Conditions. This signalized degrade to an unacceptable level of service D or E with an increase onds of delay during the a.m. peak traffic hour under cumulative</li> <li>itigation measures are required.</li> <li>itigation Measure 3A.15-4a: The Applicant Shall Pay a Fair Sharsection (Folsom Intersection 2). To ensure that the Sibley Street/ Dject delay, the northbound approach must be reconfigured to consil pay its proportionate share of funding of improvements, as may be not, to reduce the impacts to the Sibley Street/Blue Ravine Road into City of Folsom Public Works Department.</li> <li>Before project build out. A phasing analysis should be performe project phase the improvement should be built.</li> <li>City of Folsom Public Works Department</li> </ul>	Land The content of the second second End of two left-to the determined be determined be resection (Folson) d prior to approximately the second secon	NCP, RIM: LTS PP, CD, RHD: significant he Construction of Improvements to the Sibley Street/BI Road intersection operates at a LOS D with less than the turn lane, two through lanes, and one dedicated right-turn lane by a nexus study or other appropriate and reliable mechanism som Intersection 2).

NP (No Action/No P	roject)	NCP (No USACE Permit)	PP (Proposed Project	:)	RIM (Resource Impact Minimization)
CD (Centralized Dev	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Summary of Imp	Table 1-1 acts and Mitigation Measures	
	Impact	Land/Water/GPA	Significance
	Mitigation		
<b>3A.15-4b: Unaccep</b> <b>Intersection (Folse</b> signalized intersect increase of five or 1 cumulative (2030)	ptable LOS at the Oak Avenue Parkway/East Bidwe om Intersection 6) under Cumulative (2030) Condition ion would degrade to an unacceptable level of service I nore seconds of delay during the p.m. peak traffic hour conditions.	ell Street Land NCP, PP, R ons. This D with an s under	M, CD, RHD: significant
NCP, PP, RIM, Cl Avenue Parkway/ an acceptable LOS and the westbound City of Folsom pol <i>Significance after</i>	<b>D, RHD: Mitigation Measure 3A.15-4b: The Applica</b> <b>East Bidwell Street Intersection (Folsom Intersection</b> the eastbound (East Bidwell Street) approach must be (East Bidwell Street) approach must be reconfigured to icy to have eight lane roads because of the impacts to ne <i>Mitigation: significant and unavoidable</i>	<b>ant Shall Pay a Fair Share to Fund the</b> <b>n 6).</b> To ensure that the Oak Avenue Park reconfigured to consist of two left-turn la consist of two left-turn lanes, four throu on motorized traffic and adjacent develop	<b>Construction of Improvements to the Oak</b> way/East Bidwell Street intersection operates nes, four through lanes and a right-turn lane, gh lanes, and a right-turn lane. It is against the oment; therefore, this improvement is infeasibl
<b>3A.15-4c: Unaccep</b> <b>Intersection (Folse</b> or build alternative than 5 seconds duri	<b>Detable LOS at the East Bidwell Street/College Street</b> <b>Detable LOS at the East Bidwell Street/College Street</b> <b>Details of Conditional Street (2030) Conditional Street (2030) Conditional Street Street (2030) Conditional Street Street Street (2030) Conditional Street Street Street (2030) Conditional Str</b>	Land NCP, PP, R ons. Project on by more conditions.	M, CD, RHD: significant
NCP, PP, RIM, Cl Bidwell Street/Col C or better, the wes shall pay its propor applicant, to reduce	<b>D, RHD: Mitigation Measure 3A.15-7c: The Applica</b> <b>lege Street Intersection (Folsom Intersection 7).</b> To entropy the two of the state of funding of improvements, as may be determined to the the impacts to the East Bidwell Street/Nesmith Court in the state of the s	<b>ant Shall Pay a Fair Share to Fund the</b> ensure that the East Bidwell Street/Colleg e left-turn lane, one left-through lane, and etermined by a nexus study or other appro- intersection (Folsom Intersection 7).	<b>Construction of Improvements to the East</b> ge Street intersection operates at acceptable L0 I two dedicated right-turn lanes. The applicant opriate and reliable mechanism paid for by
Implementation:	City of Folsom Public Works Department.		
Timing:	Before project build out. A phasing analysis should be project phase the improvement should be built.	be performed prior to approval of the first	subdivision map to determine during which
	City of Folsom Public Works Department		
Enforcement:	City of I ofsoni I dolle Works Department		

 B (Beneficial)
 NI (No impact)
 LTS (Less than significant)
 PS (Potentially significant)
 S (Significant)
 SU (Significant and unavoidable)

	Table 1 Summary of Impacts and	-1 Mitigation M	leasures
	Impact	Land/Water/G	PA Significance
	Mitigation		
<b>3A.15-4d: Unacce</b> <b>Intersection (Fols</b> signalized intersec traffic hours under under cumulative	<b>eptable LOS at the East Bidwell Street /Iron Point Road</b> <b>om Intersection 21) under Cumulative (2030) Conditions.</b> This tion would degrade to an unacceptable LOS F during the p.m. pea the Proposed Project Alternative and all of the build alternatives (2030) conditions.	Land k	NCP, PP, RIM, CD, RHD: significant
NCP, PP, RIM, C Bidwell Street/Ir acceptable LOS, th approach must be roads because of t	<b>(D)</b> , <b>RHD: Mitigation Measure 3A.15-4d: The Applicant Shall I</b> <b>(D) Point Road Intersection (Folsom Intersection 21).</b> To ensure the northbound approach must be reconfigured to consist of two leff reconfigured to consist of two left-turn lanes, four through lanes at the impacts to non motorized traffic and adjacent development; the	Pay a Fair Sha that the East B t-turn lanes, fo nd a right-turn refore, this imp	<b>The to Fund the Construction of Improvements to the East</b> bidwell Street /Iron Point Road intersection operates at an ur through lanes and a right-turn lane, and the southbound lane. It is against the City of Folsom policy to have eight lane provement is infeasible.
Significance after	Mitigation: significant and unavoidable		
<b>3A.15-4e: Unacce</b> (Folsom Intersect would increase the cumulative (2030)	<b>ptable LOS at the Serpa Way/ Iron Point Road Intersection</b> <b>ion 23) under Cumulative (2030) Conditions.</b> Traffic increases delay at this deficient intersection by more than 5 seconds under conditions.	Land	NCP, PP, RIM: LTS CD, RHD: significant
NCP, PP, RIM: N	lo mitigation measures are required.		
CD, RHD: Mitiga Road Intersection	tion Measure 3A.15-4e: The Applicant Shall Pay a Fair Share (Folsom Intersection 23). To improve LOS at the Serpa Way/ Ir turn lane, one shared left-through lanes, and one right-turn lane. T	to Fund the C on Point Road he applicant sh	<b>Construction of Improvements to the Serpa Way/ Iron Poi</b> intersection, the northbound approaches must be restriped to nall pay its proportionate share of funding of improvements, a
consist of one left may be determined Intersection (Folso	d by a nexus study or other appropriate and reliable mechanism pa om Intersection 23).	id for by applic	cant, to reduce the impacts to the Serpa Way/Iron Point Road
consist of one left- may be determined Intersection (Folso Implementation:	l by a nexus study or other appropriate and reliable mechanism pa om Intersection 23). City of Folsom Public Works Department.	id for by applic	cant, to reduce the impacts to the Serpa Way/Iron Point Road
consist of one left- may be determined Intersection (Folse Implementation: Timing:	<ul> <li>I by a nexus study or other appropriate and reliable mechanism particle for the properties of the properties of</li></ul>	ed prior to applic	cant, to reduce the impacts to the Serpa Way/Iron Point Road roval of the first subdivision map to determine during which
consist of one left may be determined Intersection (Folse Implementation: Timing: Enforcement:	<ul> <li>d by a nexus study or other appropriate and reliable mechanism particle of Folsom Public Works Department.</li> <li>Before project build out. A phasing analysis should be perform project phase the improvement should be build.</li> <li>City of Folsom Public Works Department</li> </ul>	ed for by applic	cant, to reduce the impacts to the Serpa Way/Iron Point Road

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

AECOM Introduction
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		Summary of Im	Table 1-1 pacts and Mitigation M	leasures	
	Impac	t	Land/Water/G	PA	Significance
	Mitiç	gation			
<b>3A.15-4f: Unaccep</b> <b>Intersection (Folso</b> the p.m. peak traffic increase in delay of	table LOS at the Emp m Intersection 24) un e hour, this intersection 5 or more seconds und	ire Ranch Road/Iron Point H der Cumulative (2030) Cond would operate at LOS E or F v er cumulative (2030) condition	<b>Road</b> Land <b>itions.</b> During with an Is.	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, CI Ranch Road/Iron	<b>D, RHD: Mitigation M</b> <b>Point Road Intersection</b> Following improvement	<b>Teasure 3A.15-4f: The Applic</b> on (Folsom Intersection 24). The same required:	ant Shall Pay a Fair Sha Fo ensure that the Empire	re to Fund the Construction Ranch Road / Iron Point Roa	n of Improvements to the Empire d intersection operates at a LOS I
<ul> <li>The eastbound</li> <li>The westbound</li> <li>The northbound</li> <li>The southbound</li> <li>The applicant shall paid for by applicar</li> </ul>	approach must be record approach must be record approach must be record approach must be record pay its proportionate shat, to reduce the impacts	nfigured to consist of one left- nfigured to consist of two left- onfigured to consist of two left onfigured to consist of two left are of funding of improvement s to the Empire Ranch Road / I	urn lane, two through land turn lanes, one through la -turn lanes, three through t-turn lanes, three through ts, as may be determined ron Point Road Intersection	es, and a right-turn lane. ne, and a through-right lane. lanes, and a right-turn lane. lanes, and a right-turn lane. by a nexus study or other app on (Folsom Intersection 24).	ropriate and reliable mechanism
Implementation:	City of Folsom Public	c Works Department.	ion i onit Roud intersection		
Timing:	Before project build of project phase the im-	but. A phasing analysis should provement should be built.	be performed prior to app	roval of the first subdivision	map to determine during which
Enforcement:	City of Folsom Publi	c Works Department			
Significance after l	Mitigation: less than sig	gnificant			
<b>3A.15-4g: Unaccep</b> <b>Parkway Intersect</b> <b>Conditions.</b> This no during the a.m. peal alternative traffic un	table LOS at the Oak ion (Folsom Intersection ew signalized intersection traffic hour with the a inder cumulative (2030)	Avenue Parkway/Easton Va on 33) under Cumulative (20 on would operate at an unacce ddition of Proposed Project Al conditions.	Illey Land (30) ptable LOS D ternative and	NCP, RIM: LTS PP, CD, RHD: significar	ıt
NCP, RIM: No mit	tigation measures are re	quired.			
<b>PP, CD, RHD: Mit</b> <b>Parkway Intersect</b> southbound approact these improvements	tigation Measure 3A.1 ion (Folsom Intersecti th must be reconfigured a.	<b>5-4g: The Applicant Shall Fu</b> <b>on 33).</b> To ensure that the Oak I to consist of two left-turn lan	and and Construct Impression Avenue Parkway/Easton es, two through lanes, and	Valley Parkway intersection two right-turn lanes. The ap	e Parkway/Easton Valley operates at an acceptable LOS th plicant shall fund and construct
Implementation:	City of Folsom Publi	c Works Department.			
Timing:	Before project build	out. A phasing analysis should	be performed prior to app	roval of the first subdivision	map to determine during which
(No Action/No Project) (Centralized Developm	NCP NCP RHD	(No USACE Permit) (Reduced Hillside Development)	PP (Proposed P PA (Preferred O	roject) ff-site Water Facility Alternative)	RIM (Resource Impact Minimizati
Beneficial) N	I (No impact) LT	S (Less than significant)	PS (Potentially significan	t) S (Significant)	SU (Significant and unavoidable)

	Impact	Land/Water/G	GPA Significance
	Mitigation		, and the second s
	project phase the improvement should be built.		
Enforcement:	City of Folsom Public Works Department		
Significance after	Mitigation: <u>less than</u> significant <del>and unavoidable</del>		
<b>3A.15-4h: LOS D</b> ( <b>Intersection 38</b> ) u intersection would traffic under cumul	at the Scott Road (East)/Easton Valley Parkway Intersection inder Cumulative (2030) Conditions. This new signalized operate at LOS D during the p.m. peak traffic hour with project lative (2030) conditions.	Land	NCP, PP, RIM, CD, RHD: LTS
NCP, PP, RIM, C	<b>D</b> , <b>RHD</b> : No mitigation measures are required.		
Significance after 3A.15-4i: Unaccep Intersection (Sacr	Mitigation: less than significant otable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030)	Land	NCP, PP, RIM, CD, RHD: significant
Significance after 3A.15-4i: Unaccep Intersection (Sacr Conditions. This s during the a.m. pea NCP, PP, RIM, C Road/White Rock acceptable LOS E	<ul> <li>Mitigation: less than significant</li> <li>Datable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030) ignalized intersection would degrade to an unacceptable LOS F k traffic hours under cumulative (2030) conditions.</li> <li>D, RHD: Mitigation Measure 3A.15-4i: Participate in Fair Sha Road Intersection (Sacramento County Intersection 3). To ensort better this intersection should be replaced by some type of grade</li> </ul>	Land re Funding oure that the G separated int	NCP, PP, RIM, CD, RHD: significant of Improvements to Reduce Impacts on the Grant Line Grant Line Road/White Rock Road intersection operates at an tersection or interchange
Significance after 3A.15-4i: Unaccept Intersection (Sacr Conditions. This s during the a.m. peat NCP, PP, RIM, C: Road/White Rock acceptable LOS E of Improvements to the reducing traffic implicant shall pay to reduce the impact	<ul> <li>Mitigation: less than significant</li> <li>Datable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030) ignalized intersection would degrade to an unacceptable LOS F k traffic hours under cumulative (2030) conditions.</li> <li>D, RHD: Mitigation Measure 3A.15-4i: Participate in Fair Sha Road Intersection (Sacramento County Intersection 3). To ensor better this intersection should be replaced by some type of grade his intersection are identified in the Sacramento County's Proposed pacts on this intersection by providing acceptable operation. Intersectists to the Grant Line Road/White Rock Road Intersection (Sacrameto County represented by the agency rest to the Grant Line Road/White Rock Road Intersection (Sacrameto County Road Intersection (Sacrameto County rest to the Grant Line Road/White Rock Road Intersection (Sacrameto County Road Intersection (Sacrameto County Road Road Intersection (Sacrameto County Road Road Road Road Road Road Road Road</li></ul>	Land re Funding of ure that the G separated int General Plar action improve esponsible foo nto County It	NCP, PP, RIM, CD, RHD: significant of Improvements to Reduce Impacts on the Grant Line Grant Line Road/White Rock Road intersection operates at an tersection or interchange. In Implementation of these improvements would assist in vements must be implemented by Sacramento County. The or improvements, based on a program established by that agend intersection 3).
Significance after 3A.15-4i: Unaccep Intersection (Sacr Conditions. This s during the a.m. pea NCP, PP, RIM, C Road/White Rock acceptable LOS E o Improvements to the reducing traffic imp applicant shall pay to reduce the impact Implementation:	<ul> <li>Mitigation: less than significant</li> <li>Datable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030) ignalized intersection would degrade to an unacceptable LOS F ik traffic hours under cumulative (2030) conditions.</li> <li>D, RHD: Mitigation Measure 3A.15-4i: Participate in Fair Sha Road Intersection (Sacramento County Intersection 3). To ensor better this intersection should be replaced by some type of grade this intersection are identified in the Sacramento County's Proposed pacts on this intersection by providing acceptable operation. Intersections to the agency rests to the Grant Line Road/White Rock Road Intersection (Sacramento County Department of Transportation.</li> </ul>	Land <b>Te Funding</b> of ure that the G separated int General Plan action improves esponsible fo nto County Inter-	NCP, PP, RIM, CD, RHD: significant of Improvements to Reduce Impacts on the Grant Line Grant Line Road/White Rock Road intersection operates at an tersection or interchange. n. Implementation of these improvements would assist in yements must be implemented by Sacramento County. The or improvements, based on a program established by that agend intersection 3).
Significance after 3A.15-4i: Unaccep Intersection (Sacr Conditions. This s during the a.m. pea NCP, PP, RIM, C Road/White Rock acceptable LOS E o Improvements to the reducing traffic imp applicant shall pay to reduce the impace Implementation: Timing:	<ul> <li>Mitigation: less than significant</li> <li>Datable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030) ignalized intersection would degrade to an unacceptable LOS F k traffic hours under cumulative (2030) conditions.</li> <li>D, RHD: Mitigation Measure 3A.15-4i: Participate in Fair Sha Road Intersection (Sacramento County Intersection 3). To ensor better this intersection should be replaced by some type of grade this intersection are identified in the Sacramento County's Proposed pacts on this intersection by providing acceptable operation. Intersections to the Grant Line Road/White Rock Road Intersection (Sacramento Sacramento County Department of Transportation.</li> <li>Before project build out. A phasing analysis should be performed project phase the improvement should be built.</li> </ul>	Land re Funding of ure that the G separated int General Plar ection improv esponsible fo nto County I d prior to app	NCP, PP, RIM, CD, RHD: significant of Improvements to Reduce Impacts on the Grant Line Grant Line Road/White Rock Road intersection operates at an tersection or interchange. In Implementation of these improvements would assist in vements must be implemented by Sacramento County. The or improvements, based on a program established by that agend intersection 3).
Significance after 3A.15-4i: Unaccep Intersection (Sacr Conditions. This s during the a.m. pea NCP, PP, RIM, C: Road/White Rock acceptable LOS E o Improvements to th reducing traffic imp applicant shall pay to reduce the impact Implementation: Timing: Enforcement:	<ul> <li>Mitigation: less than significant</li> <li>Datable LOS at the Grant Line Road/White Rock Road amento County Intersection 3) under Cumulative (2030) ignalized intersection would degrade to an unacceptable LOS F k traffic hours under cumulative (2030) conditions.</li> <li>D, RHD: Mitigation Measure 3A.15-4i: Participate in Fair Sha Road Intersection (Sacramento County Intersection 3). To ensor better this intersection should be replaced by some type of grade his intersection are identified in the Sacramento County's Proposed pacts on this intersection by providing acceptable operation. Intersection the Grant Line Road/White Rock Road Intersection (Sacramento County Department of Transportation.</li> <li>Before project build out. A phasing analysis should be performe project phase the improvement should be built.</li> <li>Sacramento County Department of Transportation.</li> </ul>	Land <b>Te Funding</b> of ure that the G separated int General Plar action improves esponsible for nto County I: d prior to app	NCP, PP, RIM, CD, RHD: significant of Improvements to Reduce Impacts on the Grant Line Grant Line Road/White Rock Road intersection operates at an tersection or interchange. In Implementation of these improvements would assist in vements must be implemented by Sacramento County. The or improvements, based on a program established by that agen intersection 3).

Table 1-1           Summary of Impacts and Mitigation Measures						
	Impact	Land/Water/0	/GPA Significance			
	Mitigation					
<b>3A.15-4j: Unaccej</b> <b>Kiefer Boulevard</b> <b>Cumulative (2030</b> segments would de project traffic unde	<b>Otable LOS on Grant Line Road between White Rock</b> (Sacramento County Roadway Segments 5-7) under ) Conditions. Operating conditions of these deficient roa teriorate and the V/C ratio would increase by more than ( r cumulative (2030) conditions.	Road and Land dway ).05 with	NCP, PP, RIM, CD, RHD: significant			
NCP, PP, RIM, C between White Ro Rock Road and Kie Rancho Cordova C City of Rancho Co program establishe Segments 5-7).	<b>D</b> , <b>RHD</b> : Mitigation Measure 3A.15-4j: Participate in ock Road and Kiefer Boulevard (Sacramento County I efer Boulevard, this roadway segment must be widened to eneral Plans; however, it is not in the 2035 MTP. Improv rdova. The applicant shall pay its proportionate share of f d by that agency to reduce the impacts to Grant Line Roa	Fair Share Funding Roadway Segments 5 o six lanes. This impro- ements to this roadway unding of improvement d between White Rock	<b>5-7).</b> To improve operation on Grant Line Road between Whovement is proposed in the Sacramento County and the City ay segment must be implemented by Sacramento County and the city and the agency responsible for improvements, based on a k Road and Kiefer Boulevard (Sacramento County Roadway)			
The identified imp	rovement would more than offset the impacts specifically	related to the Folsom	a South of U.S. 50 project on this roadway segment.			
Implementation:	Sacramento County Department of Transportation.					
Timing:	Before project build out. A phasing analysis should be project phase the improvement should be built.	performed prior to app	oproval of the first subdivision map to determine during whi			
Enforcement:	Sacramento County Department of Transportation.					
Significance after	Mitigation: less than significant					
3A.15-4k: Unacce Jackson Highway (2030) Conditions degrade by increas conditions	<b>ptable LOS on Grant Line Road between Kiefer Bould</b> (Sacramento County Roadway Segment 8) under Cur Operating conditions of this deficient roadway segment ing the V/C by 0.05 with increased traffic under cumulati	evard and Land nulative would ve (2030)	NCP, PP, CD, RHD: significant RIM: LTS			
conditions.						
NCP, PP, CD, RH Kiefer Boulevard Jackson Highway, General Plans; how Cordova. The appl by that agency to r	<b>D:</b> Mitigation Measure 3A.15-4k: Participate in Fair 8 and Jackson Highway (Sacramento County Roadway this roadway segment could be widened to six lanes. This yever, it is not in the 2035 MTP. Improvements to this roa icant shall pay its proportionate share of funding of impro- educe the impacts to Grant Line Road between Kiefer Bo	Share Funding of Imp Segment 8). To impro- s improvement is propo- dway segment must b ovements to the agency ulevard and Jackson H	<b>Approvements to Reduce Impacts on Grant Line Road bet</b> rove operation on Grant Line Road between Kiefer Boulevan bosed in the Sacramento County and the City of Rancho Cor be implemented by Sacramento County and the City of Rancy y responsible for improvements, based on a program establi Highway (Sacramento County Roadway Segment 8).			

Table 1-1           Summary of Impacts and Mitigation Measures						
	Impact	Land/Water/GPA	Significance			
	Mitigation					
Implementation:	Sacramento County Department of Transportation.					
Timing:	Before project build out. A phasing analysis should project phase the improvement should be built.	be performed prior to approval of the fir.	st subdivision map to determine during which			
Enforcement:	Sacramento County Department of Transportation.					
RIM: No mitigation	n measures are required.					
Significance after N	Mitigation: less than significant					
under Cumulative degrade with the V/ traffic under cumula NCP, PP, RIM, CI between Curragh D between Curragh D Sacramento County	(2030) Conditions. Operation of these deficient roads (C ratio increasing by more than 0.05 with project and ative (2030) conditions. <b>D, RHD: Mitigation Measure 3A.15-41: Participate</b> <b>Downs Drive and U.S. 50 Westbound Ramps (Sacra</b> owns Drive and the U.S. 50 westbound ramps, this roads is general plan because the county's policy requires a	way segments alternative in Fair Share Funding of Improvement amento County Roadway Segment s 1: adway segment could be widened to eight maximum roadway cross section of six	<b>nts to Reduce Impacts on Hazel Avenue</b> <b>2-13).</b> To improve operation on Hazel Avenue nt lanes. This improvement is inconsistent with lanes			
Analysis shown late to impacted intersec proportionate share to Hazel Avenue be	er indicates that improvements at the impacted intersections on this segment will improve operations on this of funding of improvements to the agency responsible tween Curragh Downs Drive and U.S. 50 Westbound	ction in this segment can be mitigated (se roadway segment and, therefore; mitiga e for improvements, based on a program Ramps (Sacramento County Roadway S	ee Mitigation Measure 3A.15-4q). Improvements te this segment impact. The applicant shall pay its established by that agency to reduce the impacts begments 12-13).			
Implementation:	Sacramento County Department of Transportation.					
Timing:	Before project build out. A phasing analysis should project phase the improvement should be built.	be performed prior to approval of the fir.	st subdivision map to determine during which			
	Comments County Department of Trongeneration					
Enforcement:	Sacramento County Department of Transportation.					

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized De	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Tab Summary of Impacts a	le 1-1 nd Mitigation Me	asures	
Impact		Impact	Land/Water/GPA		Significance
		Mitigation			
<b>3A.15-4m: Unacc</b> and Prairie City I Cumulative (2030 this LOS F segment alternative traffic to	eptable LOS or Road (Sacrame )) Conditions. ( nt by increasing under cumulative	<b>a White Rock Road between Grant Line Roa</b> <b>nto County Roadway Segment 22) under</b> Operation of this roadway segment would degra the V/C ratio by more than 0.05 with project as e (2030) conditions.	nd Land Ide Ind	NCP, PP, RIM, CD, RH	ID: significant
NCP, PP, RIM, C between Grant L Line Road and Pra Sacramento Count	CD, RHD: Mitig ine Road and P airie City Road, t y General Plan.	ation Measure 3A.15-4m: Participate in Fai rairie City Road (Sacramento County Road this roadway segment must be widened to six 1 Improvements to this roadway segment must b	r Share Funding of way Segment 22). anes. This improves the implemented by the second	<b>f Improvements to Reduc</b> To improve operation on V nent is included in the 203 Sacramento County.	<b>The Impacts on White Rock Road</b> White Rock Road between Grant 5 MTP but is not included in the
The identified imp because of other d LOS F even with t improvements to t Grant Line Road a	rovement would evelopment in the he capacity imp he agency respo nd Prairie City 1	I more than offset the impacts specifically relate the region that would substantially increase traff rovements identified to mitigate Folsom South nsible for improvements, based on a program e Road (Sacramento County Roadway Segment 2	ed to the Folsom Se fic levels, this roady of U.S. 50 impacts stablished by that a 22).	buth of U.S. 50 project on t way segment would continu . The applicant shall pay its gency to reduce the impact	his roadway segment. However, the to operate at an unacceptable proportionate share of funding of the to White Rock Road between
Implementation:	Sacramento	County Department of Transportation.	,		
Timing:	Before proje	ct build out. A phasing analysis should be perfo	ormed prior to appr	oval of the first subdivisior	n map to determine during which
Enforcement <sup>.</sup>	Sacramento	County Department of Transportation			
Significance after	Mitigation: sig	nificant and unavoidable			
3A.15-4n: Unacce and Carson Cross Cumulative (2030 deteriorate from an Development, Rec conditions, and de the Propose Project under cumulative (	eptable LOS on sing Road (Sact )) Conditions. ( h acceptable LO duced Hillside E teriorate from ar ot, No Federal A (2030) condition	White Rock Road between Empire Ranch I ramento County Roadway Segment 28) under Operating conditions on this roadway segment of S D to an unacceptable LOS F with the Central Development alternative under cumulative (203 in acceptable LOS D to an unacceptable LOS E ction and Resource Impact Minimization alternations.	Road Land er would ized 0) with latives	NCP, PP, RIM, CD, RF	<b>ID:</b> significant
NCP, PP, RIM, C between Empire Empire Ranch Roa by Sacramento Co	CD, RHD: Mitig Ranch Road an ad and Carson C unty. The applic	ation Measure 3A.15-4n: Participate in Fair d Carson Crossing Road (Sacramento Coun rossing Road, this roadway segment must be w cant shall pay its proportionate share of funding	• Share Funding of ty Roadway Segment ridened to six lanes g of improvements t	<b>Temprovements to Reduc</b> <b>ent 28).</b> To improve operate Improvements to this road o the agency responsible for	e Impacts on White Rock Road tion on White Rock Road betwee lway segment must be implement or improvements, based on a
(No Action/No Project (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	eject) site Water Facility Alternative	RIM (Resource Impact Minimizat )
seneficial)	NI (No impact)	LTS (Less than significant) PS (F	Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Sun	Table 1-1 nmary of Impacts and Mitigation	Measures	
	Impact	Land/Water	/GPA	Significance
	Mitigation			
program establishe Roadway Segment	d by that agency to reduce the impacts to 28).	o White Rock Road between Empire R	anch Road and Carson Cros	ssing Road (Sacramento County
Implementation:	Sacramento County Department of T	ransportation.		
Timing:	Before project build out. A phasing a project phase the improvement s	nalysis should be performed prior to a should be built.	pproval of the first subdivision	ion map to determine during which
Enforcement:	Sacramento County Department of T	ransportation.		
Significance after	Mitigation: significant and unavoidabl	e		
<b>3A.15-40: Unacce</b> <b>Intersection (El D</b> signalized intersect traffic hour under c	backbox backbo	Carson Crossing RoadLand(030) Conditions. This	NCP, PP, RIM, CD, I	RHD: significant
NCP, PP, RIM, C Road/Carson Cro acceptable LOS, th implemented by El on a program estab	<b>D, RHD: Mitigation Measure 3A.15-4</b> <b>ssing Road Intersection (El Dorado C</b> e eastbound right turn lane must be com Dorado County. The applicant shall pay lished by that agency to reduce the impa	<b>o:</b> Participate in Fair Share Funding ounty 1). To ensure that the White Ro verted into a separate free right turn lan v its proportionate share of funding of fucts to the White Rock Road/Carson C	g of Improvements to Reduce Road/Carson Crossing R ne, or double right. Improve improvements to the agency rossing Road Intersection (Figure 1997)	<b>uce Impacts on the White Rock</b> Load intersection operates at an ements to this intersection must be y responsible for improvements, base El Dorado County 1).
Implementation:	El Dorado County Department of Pul	olic Works.		
Timing:	Before project build out. A phasing a project phase the improvement s	nalysis should be performed prior to a should be built.	pproval of the first subdivision	ion map to determine during which
Enforcement:	El Dorado County Department of Pul	olic Works.		
Significance after	Mitigation: significant and unavoidabl	e		
<b>3A.15-4p: Unacce</b> <b>Intersection (Calt</b> signalized intersect p.m. peak traffic he and p.m. peak traffic conditions.	<b>chable LOS at the Hazel Avenue/U.S.</b> <b>cans Intersection 1) under Cumulative</b> ion would degrade from an unacceptable ours with an increase in the delay at this c hours by more than 5 seconds under c	<b>50 Westbound Ramps</b> Land e ( <b>2030) Conditions.</b> This e LOS F during the a.m. and intersection during the a.m. sumulative (2030)	NCP, PP, RIM, CD, I	RHD: significant
NCP, PP, RIM, C Avenue/U.S. 50 W an acceptable LOS	<b>D, RHD: Mitigation Measure 3A.15-4</b> <b>estbound Ramps Intersection (Caltra</b> the westbound approach must be recon	<b>p: Participate in Fair Share Funding</b> <b>ns Intersection 1).</b> To ensure that the figured to consist of one dedicated left	g of Improvements to Red Hazel Avenue/U.S. 50 west t turn lane, one shared left- t	uce Impacts on the Hazel tbound ramps intersection operates a through lane and three dedicated rig
No Action/No Project	NCP (No USACE Perm nent) RHD (Reduced Hillside	nit) PP (Proposed Development) PA (Preferred	Project) Off-site Water Facility Alternati	RIM (Resource Impact Minimizati
eneficial) N	I (No impact) LTS (Less than signi	ficant) PS (Potentially signification	ant) S (Significant)	SU (Significant and unavoidable)

	Summary of Im	Table 1-1 pacts and Mitigation Measures				
	Impact	Land/Water/GPA	Significance			
	Mitigation					
turn lanes. Improve of improvements to Westbound Ramps	ements to this intersection must be implemented by C o the agency responsible for improvements, based on Intersection (Caltrans Intersection 1)	altrans and Sacramento County. The appli a program established by that agency to re	cant shall pay its proportionate share of fundin educe the impacts to the Hazel Avenue/U.S. 50			
Implementation: California Department of Transportation Sacramento County Department of Transportation.						
Timing:	Before project build out. A phasing analysis should project phase the improvement should be bui	d be performed prior to approval of the first lt.	st subdivision map to determine during which			
Enforcement:	California Department of Transportation Sacramer	nto County Department of Transportation.				
Significance after	Mitigation: significant and unavoidable					
<b>3A.15-4q: Unaccep</b> <b>Sunrise Boulevard</b> traffic would increas	table LOS on Eastbound US 50 between Zinfandel I (Freeway Segment 1) under Cumulative (2030) Con se on this LOS F freeway segment under cumulative (20	Drive andLandNCP, PP, Fditions.Project030) conditions.	RIM, CD, RHD: significant			
between Zinfande Drive and Sunrise I Route 50 Corridor	<b>1 Drive and Sunrise Boulevard (Freeway Segment</b> Boulevard, an additional eastbound lane could be con System Management Plan; therefore, it is not likely to	<b>1).</b> To ensure that Eastbound US 50 opera astructed. This improvement is not consiste to be implemented by Caltrans by 2030.	tes at an acceptable LOS between Zinfandel ent with the Concept Facility in Caltrans State			
Construction of the traffic from U.S. 50 responsible for imp Boulevard (Freewa	Capitol South East Connector, including widening V ) and partially mitigate the project's impact. The appl rovements, based on a program established by that as y Segment 1).	White Rock Road and Grant Line Road to s licant shall pay its proportionate share of fi gency to reduce the impacts to Eastbound	six lanes with limited access, could divert some unding of improvements to the agency U.S. 50 between Zinfandel Drive and Sunrise			
Implementation:	Capitol Southeast Connecter Joint Powers Authori	ty.				
Timing:	Before project build out. A phasing analysis should project phase the improvement should be bui	d be performed prior to approval of the first	st subdivision map to determine during which			
Enforcement:	Capitol Southeast Connecter Joint Powers Authori	ty.				
Significance after	Mitigation: significant and unavoidable					
No Action/No Project)	NCP (No USACE Permit)	PP (Proposed Project)	RIM (Resource Impact Minimizati			

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

Table 1-1           Summary of Impacts and Mitigation Measures					
		Impact	Land/Water/GF	PA .	Significance
		Mitigation			
3A.15-4r: Unacce Parkway and Ha Conditions. Proje cumulative (2030)	eptable LOS on zel Avenue (Fre ct traffic would i conditions.	Eastbound US 50 between Rancho C eway Segment 3) under Cumulative ncrease on this LOS F freeway segmer	<b>ordova</b> Land (2030) at under	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C between Rancho Cordova Parkway State Route 50 Co	CD, RHD: Mitig Cordova Parkw and Hazel Aven rridor System M	ation Measure 3A.15-4r: Participate ay and Hazel Avenue (Freeway Segr ue, an additional eastbound lane could anagement Plan; therefore, it is not like	in Fair Share Funding of nent 3). To ensure that Eas be constructed. This impro- ely to be implemented by C	<b>Improvements to Reduce</b> tbound US 50 operates at a vement is not consistent wi caltrans by 2030.	e Impacts on Eastbound US 50 n acceptable LOS between Rancho th the Concept Facility in Caltrans
Construction of th traffic off of U.S. responsible for im Hazel Avenue (Fro	e Capitol South I 50 and partially 1 provements, base eeway Segment 3	East Connector, including widening Wi nitigate the project's impact. The applied on a program established by that age b).	hite Rock Road and Grant cant shall pay its proportic ency to reduce the impacts	Line Road to six lanes with nate share of funding of im to Eastbound U.S. 50 betwee	limited access, could divert some provements to the agency een Rancho Cordova Parkway and
Implementation:	Capitol South	east Connecter Joint Powers Authority	Ι.		
Timing:	Before project	t build out. A phasing analysis should bhase the improvement should be built	be performed prior to appr	oval of the first subdivision	map to determine during which
Enforcement:	Capitol South	heast Connecter Joint Powers Authority	Ι.		
Significance after	• Mitigation: sigr	ificant and unavoidable			
<b>3A.15-4s: Unacce</b> <b>Prairie City Road</b> This freeway segn p.m. peak traffic h (2030) conditions.	eptable LOS on d (Freeway Segrement would detern ours with project	Eastbound US 50 between Folsom Benent 5) under Cumulative (2030) Cororate from LOS E to LOS F during the and build alternative traffic under cum	<b>Dulevard and</b> Land <b>nditions.</b> e a.m. and nulative	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C between Folsom I Boulevard and Pra ramp (see mitigati Concept Facility in	<b>CD, RHD: Mitig</b> <b>Boulevard and I</b> hirie City Road, t on measure 3A.1 n Caltrans State 1	ation Measure 3A.15-4s: Participate Prairie City Road (Freeway Segment he eastbound auxiliary lane should be of 5-4t). Improvements to this freeway se Route 50 Corridor System Managemen	<b>in Fair Share Funding of</b> <b>5).</b> To ensure that Eastbour converted to a mixed flow gement must be implement t Plan; therefore, it is not h	<b>Improvements to Reduce</b> nd US 50 operates at an acc ane that extends to and dro ed by Caltrans. This improv kely to be implemented by	<b>E Impacts on Eastbound US 50</b> ceptable LOS between Folsom ps at the Oak Avenue Parkway off rement is not consistent with the Caltrans by 2030.
Construction of th traffic off of U.S.	e Capitol South 1 50 and partially 1	East Connector, including widening Winning with a second s	hite Rock Road and Grant	Line Road to six lanes with	limited access, could divert some
The applicant shal	l pay its proporti	onate share of funding of improvement	ts, as may be determined by	y a nexus study or other app	propriate and reliable mechanism
P (No Action/No Projec D (Centralized Develop	t) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off	oject) site Water Facility Alternative	RIM (Resource Impact Minimization
Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Impact	Land/Water/GPA		Significance
		Mitigation			
paid for by applica Implementation:	int, to reduce the Capitol Sout	e impacts to Eastbound U.S. 50 betwe heast Connecter Joint Powers Authori	en Folsom Boulevard and Prairie ty.	e City Road (Freeway S	egment 5).
Timing:	Before proje project	ct build out. A phasing analysis shoul phase the improvement should be bui	d be performed prior to approvallt.	l of the first subdivision	map to determine during which
Enforcement:	Capitol Sout	heast Connecter Joint Powers Authori	ty.		
Significance after	Mitigation: sig	nificant and unavoidable			
Oak Avenue Park This freeway segment traffic hour with prisegment (LOS F) with the addition of	weak (Freeway nent would degraroject and build would experience of traffic under c	Segment 6) under Cumulative (203 ade to an unacceptable LOS F during alternative traffic, and this deficient f e higher volumes during the p.m. pea- numulative (2030) conditions.	0) Conditions. the a.m. peak reeway k traffic hour		
between Prairie C City Road and Oak the Oak Avenue Pa the Oak Avenue Pa segment must be in other appropriate a (Freeway Segment	City Road and City Road and Content of the content of th	<b>Dak Avenue Parkway (Freeway Seg</b> yay, the northbound Prairie City Road o (see Mitigation Measures 3A.15-4u, o and start an extended full auxiliary la Caltrans. The applicant shall pay its p hanism paid for by applicant, to reduc	<b>ment 6).</b> To ensure that Eastbours slip on ramp should merge with v and w), and the southbound P ane to the East Bidwell Street – roportionate share of funding of the impacts to Eastbound U.S.	ind US 50 operates at an the eastbound auxiliary rairie City Road flyover Scott Road off ramp. Im improvements, as may l 50 between Prairie City	acceptable LOS between Prairie lane that extends to and drops at on ramp should be braided over provements to this freeway be determined by a nexus study or v Road and Oak Avenue Parkway
Implementation:	California I	Department of TransportationCity	of Folsom Public Works Dep	artment	
Timing:	Before proje project	ct build out. A phasing analysis shoul phase the improvement should be bui	d be performed prior to approva lt.	l of the first subdivision	map to determine during which
Enforcement:	California I	Department of TransportationCity	of Folsom Public Works Dep	artment	
Significance after	Mitigation: sig	nificant and unavoidable			
(No Action/No Project (Centralized Developr	) ment)	NCP (No USACE Permit) RHD (Reduced Hillside Development	PP (Proposed Project ) PA (Preferred Off-site	) Water Facility Alternative)	RIM (Resource Impact Minimization
Beneficial)	VI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures					
	Impact	Land/Water/0	GPA Significance		
	Mitigation				
<b>3A.15-4u: Unaccep</b> <b>Ramp Merge (Free</b> this LOS F freeway build alternative tra	<b>Otable LOS at the U.S. 50 Eastbound / Prairie City Road Slip</b> <b>eway Merge 6).</b> Project and alternative traffic would increase at merge during the a.m. and p.m. peak traffic hours with project a ffic under cumulative (2030) conditions.	Description Land	NCP, PP, RIM, CD, RHD: significant		
NCP, PP, RIM, CI Eastbound / Prairi City Road slip on ra w and x), and the so to the East Bidwell proportionate share reduce the impacts	<b>D, RHD: Mitigation Measure 3A.15-4u: Participate in Fair S</b> <b>a City Road Slip Ramp Merge (Freeway Merge 6).</b> To ensure amp should start the eastbound auxiliary lane that extends to and outhbound Prairie City Road flyover on ramp should be braided Street – Scott Road off ramp. Improvements to this freeway seg of funding of improvements, as may be determined by a nexus to the U.S. 50 Eastbound / Prairie City Road slip ramp merge (F	hare Funding e that Eastboun drops at the O over the Oak A ment must be i study or other a reeway Merge	<b>g of Improvements to Reduce Impacts on the U.S. 50</b> and US 50 operates at an acceptable LOS, the northbound Prairie Dak Avenue Parkway off ramp (see mitigation measure 3A.15-4u, Avenue Parkway off ramp and start an extended full auxiliary lane implemented by Caltrans. The applicant shall pay its appropriate and reliable mechanism paid for by applicant, to 6).		
Implementation:	California Department of Transportation City of Folsom Publ	ic Works Depa	artment.		
Timing:	Before project build out. A phasing analysis should be perform project phase the improvement should be built.	ned prior to ap	pproval of the first subdivision map to determine during which		
Enforcement:	California Department of Transportation City of Folsom Publ	ic Works Depa	artment.		
Significance after 1	Mitigation: significant and unavoidable				
<b>3A.15-4v: Unaccep</b> <b>Flyover On Ramp</b> Project and alternat a.m. and p.m. peak cumulative (2030) of	btable LOS at the U.S. 50 Eastbound / Prairie City Road to Oak Avenue Parkway Off Ramp Weave (Freeway Weave ive traffic would increase at this LOS F freeway weave during the traffic hours with project and build alternative traffic under conditions.	Land 7). ne	NCP, PP, RIM, CD, RHD: significant		
NCP, PP, RIM, CI Eastbound / Prairi at an acceptable LO Parkway off ramp ( Parkway off ramp a implemented by Ca and reliable mechar Ramp Weave (Free	<b>D, RHD: Mitigation Measure 3A.15-4v: Participate in Fair S e City Road Flyover On Ramp to Oak Avenue Parkway Off</b> 18, the northbound Prairie City Road slip on ramp should start the see mitigation measure 3A.15-4u, v and x), and the southbound nd start an extended full auxiliary lane to the East Bidwell Stree ltrans. The applicant shall pay its proportionate share of funding hism paid for by applicant, to reduce the impacts to the U.S. 50 F way Weave 7).	hare Funding Ramp Weave e eastbound au Prairie City Ro t – Scott Road of improveme Eastbound / Pra	<b>c of Improvements to Reduce Impacts on the U.S. 50</b> e (Freeway Weave 7). To ensure that Eastbound US 50 operates uxiliary lane that extends to and drops at the Oak Avenue oad flyover on ramp should be braided over the Oak Avenue off ramp. Improvements to this freeway segment must be ents, as may be determined by a nexus study or other appropriate airie City Road Flyover On Ramp to Oak Avenue Parkway Off		
Implementation:	California Department of Transportation City of Folsom Publ	ic Works Depa	artment.		
Timing:	Before project build out. A phasing analysis should be perform	ned prior to ap	proval of the first subdivision map to determine during which		
P (No Action/No Project) D (Centralized Developm	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed F PA (Preferred C	Project) RIM (Resource Impact Minimization) Off-site Water Facility Alternative)		

		-			-
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures					
	Impact		Land/Water/GPA		Significance
	Mitiga	tion			
	project phase the	improvement should be built.			
Enforcement:	California Department	of Transportation City of Fol	som Public Works Department.		
Significance after	Mitigation: significant ar	ıd unavoidable			
<b>3A.15-4w: Unacce</b> <b>Loop Ramp Merg</b> at this LOS F freew traffic under cumul	<b>ptable LOS at the U.S. 5</b> <b>e (Freeway Merge 8).</b> Pr vay merge during the a.m. ative (2030) conditions.	<b>50 Eastbound / Oak Avenue</b> oject and alternative traffic w and p.m. peak traffic hours v	Parkway Land NC ould increase rith project	CP, PP, RIM, CD, RHI	<b>D:</b> significant
NCP, PP, RIM, C. Oak Avenue Park Parkway loop on ra Bidwell Street – Sc applicant shall pay for by applicant, to	<b>D, RHD: Mitigation Mea</b> way Loop Ramp Merge imp should merge with the ott Road off ramp (see mi its proportionate share of reduce the impacts to U.S	<b>asure 3A.15-4w: Participate</b> (Freeway Merge 8). To ensu e eastbound auxiliary lane tha itigation measure 3A.15-4u, w funding of improvements, as S. 50 Eastbound / Oak Avenue	in Fair Share Funding of Imp re that Eastbound US 50 opera t starts at the southbound Prairi and w). Improvements to this may be determined by a nexus e Parkway Loop Ramp Merge (	provements to Reduce tes at an acceptable LO e City Road braided fly freeway segment must l study or other appropri Freeway Merge 8).	<b>Impacts on U.S. 50 Eastbound</b> / S, the southbound Oak Avenue rover on ramp and ends at the East be implemented by Caltrans. The ate and reliable mechanism paid
Implementation:	California Department	of Transportation City of Fol	som Public Works Department.		
Timing:	Before project build ou project phase the	t. A phasing analysis should improvement should be built.	be performed prior to approval	of the first subdivision	map to determine during which
Enforcement:	California Department	of Transportation City of Fol	som Public Works Department.		
Significance after	Mitigation: significant ar	nd unavoidable			
<b>3A.15-4x: Unacceptable LOS</b> unacceptable LOS build alternative tra	ptable LOS at the U.S. 5 e (Freeway Merge 27). T F during the a.m. and p.m iffic under cumulative (20	<b>0 Westbound / Empire Ran</b> This freeway merge would dea the peak traffic hours with the p (30) conditions.	ch Road Land NC grade to an roject and	CP, PP, RIM, CD, RHI	<b>D:</b> significant
NCP, PP, RIM, C Empire Ranch Ro Road loop on ramp Ranch Road slip ra pay its proportional to reduce the impact	<b>D, RHD: Mitigation Mea</b> <b>ad Loop Ramp Merge</b> (I should start the westbour mp would merge into this te share of funding of imp ets to the U.S. 50 Westbou	asure 3A.15-4x: Participate Freeway Merge 27). To ensue and auxiliary lane that ends at the extended auxiliary lane. Imp provements, as may be determind / Empire Ranch Road loo	in Fair Share Funding of Imp re that Westbound US 50 opera he East Bidwell Street – Scott I rovements to this freeway segm ined by a nexus study or other a p ramp merge (Freeway Merge	provements to Reduce tes at an acceptable LC Road off ramp. The slip tent must be implement appropriate and reliable 27).	Impacts on U.S. 50 Westbound / S, the northbound Empire Ranch on ramp from southbound Empire ed by Caltrans. The applicant shall mechanism paid for by applicant,
Implementation:	California Department	of Transportation City of Fol	som Public Works Department.		
Timing:	Before project build ou	t. A phasing analysis should	be performed prior to approval	of the first subdivision	map to determine during which
(No Action/No Project) (Centralized Developn	nent) NCP (N RHD (F	lo USACE Permit) Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimization)
Beneficial)	II (No impact) LTS	(Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigation Me	asures	
		Impact	Land/Water/GP	Α	Significance
		Mitigation			
	project p	hase the improvement should be built.			
Enforcement:	California Dep	partment of Transportation City of Fol	som Public Works Departn	<u>ient.</u>	
Significance after	Mitigation: sign	ificant and unavoidable			
<b>3A.15-4y: Unaccep</b> <b>Ramp Merge (Fre</b> this LOS F freeway build alternative tra	ptable LOS at the eway Merge 35) merge during the offic under cumul	<b>the U.S. 50 Westbound / Prairie City</b> <b>b.</b> Project and alternative traffic would be a.m. and p.m. peak traffic hours with lative (2030) conditions.	Road Loop Land increase at project and	NCP, PP, RIM, CD, RH	<b>D:</b> significant
NCP, PP, RIM, C Prairie City Road loop on ramp shoul Road slip ramp wo proportionate share reduce the impacts	<b>D, RHD: Mitiga</b> <b>Loop Ramp Mo</b> d start the westb- uld merge into the of funding of im to the U.S. 50 W	tion Measure 3A.15-4y: Participate erge (Freeway Merge 35). To ensure to ound auxiliary lane that continues beyon is extended auxiliary lane. Improvement provements, as may be determined by festbound / Prairie City Road Loop Rate	in Fair Share Funding of that Westbound US 50 oper and the Folsom Boulevard ints to this freeway segmen a nexus study or other app mp Merge (Freeway Merge	<b>Improvements to Reduce</b> rates at an acceptable LOS off ramp. The slip on ramp t must be implemented by ropriate and reliable mech 35).	e Impacts on U.S. 50 Westbound / , the northbound Prairie City Road o from southbound Prairie City Caltrans. The applicant shall pay its anism paid for by applicant, to
Implementation:	California Dep	partment of Transportation City of Fol	som Public Works Departm	nent and Sacramento Coun	ty Department of Transportation.
Timing:	Before project project p	build out. A phasing analysis should l hase the improvement should be build	be performed prior to appro	val of the first subdivision	map to determine during which
Enforcement:	California Dep	partment of Transportation City of Fol	som Public Works Departm	nent and Sacramento Coun	ty Department of Transportation.
Significance after	Mitigation: sign	ificant and unavoidable			
3B.15 TRAFFIC	AND TRANSPO	ORTATION - WATER			
<b>3B.15-1: Tempora</b> <b>Construction.</b> Off- temporary reductio existing volume-to-	ry and Short-Te site Water Facili ns in roadway ca -capacity ratios o	erm Reduction in Roadway Capacity ty Alternatives construction could resu pacities, which could be substantial in n local roadways and congestion at int	y <b>during</b> Water Ilt in relation to ersections.	NCP, PA, 1, 1A: direct & significant ( <i>heavy trucks</i> ) NCP, PA, 1, 1A, 2, 2A, 2 indirect	k indirect PS ( <i>construction</i> ) direct <b>2B, 3, 3A, 4, &amp; 4A:</b> direct PS, no
<ul> <li>NCP, PA, 1, 1A, 2</li> <li>Control Plan for rocomply with require prepared by the correspondence by the construction site of the construc</li></ul>	, 2A, 2B, 3, 3A, 4 adways and inter ements in the end struction contract e maximum amo gnage.	<b>4, &amp; 4A: Mitigation Measure 3B.15</b> - sections affected by Off-site Water Fac croachment permits issued by the City ctor(s) shall, at minimum, include the f ount of travel lane capacity during non-	<b>Ia: Prepare Traffic Contr</b> cilities-related construction of Rancho Cordova, Sacra ollowing measures: construction periods, possi	<b>Fol Plan.</b> Prior to construct . The Traffic Control Plan mento County, and Caltrar ble, and advanced notice to	ion, the City shall prepare a Traffic shall designate haul routes and is. The Traffic Control Plan to be o drivers through the provision of
? (No Action/No Project) ) (Centralized Developn	nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Pro PA (Preferred Off-	ect) site Water Facility Alternative	RIM (Resource Impact Minimization)
Beneficial) N	II (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

			Summary of In	Table 1-1 npacts and Mitigation Meas	sures	
		Impac	t	Land/Water/GPA		Significance
		Mitig	ation			
<ul> <li>Maintaining a</li> </ul>	lternate	e one-way traffic f	low past the lay down area a	and site access when feasible.		
► Heavy trucks	and oth	ner construction tra	ansport vehicles shall avoid	the busiest commute hours (7 a.	m. to 8 a.m. and 5 p.m. t	o 6 p.m. on weekdays).
► The City shall include the ide	l provic entifica	de a minimum 72-lation of alternative	nour advance notice of acces routes and detours to enable	ss restrictions for residents, busi e for the avoidance of the immed	nesses, and local emerge liate construction zone.	ency response agencies. This shal
► The City, in co Facilities through on a monthly	oopera ughout basis.	tion with its contra the construction p	ector(s), shall provide a phor period. This information will	ne number and community conta be posted in a local newspaper,	ct for inquiries about the via the City's web site,	e schedule of the Off-site Water or at City Hall and will be update
• To the extent j construction a	practic nd inst	al depending the a callation of the con	lignment of the selected Off veyance pipeline with other	-site Water Facility Alternative, planned roadway improvement	the City shall maximize projects.	opportunities for coordinated
Implementation:	City	y of Folsom Utiliti	es Department			
Timing:	Pric	or to and during co	nstruction of all Off-site Wa	ater Facilities		
Enforcement:	1.	For structural in City of Folsom	provements that would be lo Community Development De	ocated within the City of Folson epartment.	n: City of Folsom Neigh	borhood Services Department an
	2.	For structural im Community Dev	provements that would be lovelopment Department.	ocated within unincorporated Sa	cramento County: Sacra	mento County Planning and
	3.	For structural im	provements that would be lo	ocated within the City of Ranch	o Cordova: City of Ranc	ho Cordova Planning Departmer
Mitigation Measu	ire 3B.	15-1b: Assess Pro	e-Off-site Water Facilities	Roadway Conditions.		
Prior to construction including the local be entered into with Cordova and Sacra or rehabilitation as	on, the access th appli amento s necess	City's constructions roads and developicable jurisdictions County shall revisary such that post	n contractor(s) shall be respo p post construction road rest prior to construction that do ew the post construction rest construction requirements a	onsible for assessing current roa oration requirements. As part of etails post construction road rest toration standards for each of the are met.	d conditions for Off-site the encroachment perm oration requirements. St e affected roadways. The	Water Facilities-related haul ro itting process, an agreement sha aff with the City of Rancho e City shall perform roadway rep
Implementation:	City	y of Folsom Utiliti	es Department			
Timing:	Pric	or to and during co	nstruction of all Off-site Wa	ater Facilities		
Enforcement:	1.	For structural in City of Folsom	provements that would be lo Community Development De	ocated within the City of Folson epartment.	h: City of Folsom Neigh	borhood Services Department an
	2.	For structural im Community Dev	provements that would be lovelopment Department.	ocated within unincorporated Sa	cramento County: Sacra	mento County Planning and
	3.	For structural in	provements that would be lo	ocated within the City of Ranch	o Cordova: City of Ranc	ho Cordova Planning Departmer
Significance after	Mitiga	ntion: less than sig	nificant			
(No Action/No Project (Centralized Developr	t) ment)	NCP RHD	(No USACE Permit) (Reduced Hillside Developmen	t) PP (Proposed Project PA (Preferred Off-site	t) e Water Facility Alternative	RIM (Resource Impact Minimizal
eneficial)	NI (No ii	mpact) LTS	S (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable

Table 1 Summary of Impacts and	-1 Mitigation Me	easures
Impact	Land/Water/GP	A Significance
Mitigation		
<b>3B.15-2: Exceedance of Established Level of Service Standards for Local</b> <b>Roadways.</b> The implementation of Off-site Water Facility Alternatives could cause traffic conditions to exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency for designated roads or highways.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS, no indirect Direct & indirect LTS ( <i>traffic-related impacts</i> )
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Implement Mitigation Measure 3B.15-1 Significance after Mitigation: less than significant	a.	
<b>3B.15-3: Increased Traffic Hazards on Local Roadways.</b> Implementation of the Off-site Water Facility Alternatives could substantially increase hazards on local roadways due to the presence of incompatible uses, such as construction equipment.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct PS, no indirect
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: Implement Mitigation Measure 3B.15-1 Significance after Mitigation: less than significant	a.	
<b>3B.15-4: Possible Inadequate Emergency Vehicle Access.</b> Construction of the Offsite Water Facilities could result in disruptions to emergency access.	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct LTS, no indirect
NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: No mitigation measures are required. <i>Significance after Mitigation: less than significant</i>		
3A.16 UTILITIES AND SERVICE SYSTEMS - LAND		
3A.16-1: Increased Demand for On-Site Wastewater Collection and Conveyance Facilities and the Off-Site Force Main. Project implementation would result in increased generation of wastewater.	e Land	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct PS, indirect impacts evaluated throughout EIR/EIS OFF-SITE Direct LTS, indirect impacts evaluated throughout EIR/EIS
ON-SITE NP: No mitigation measures are required. NCP, PP, RIM, CD, RHD: Mitigation Measure 3A.16-1: Submit Proof of Adequate and Off-Site Infrastructure Service Systems or Ensure That Adequate Financing permits for all project phases, the project applicant(s) of all project phases shall submit	te On- and Off- Is Secured. Befa proof to the City	<b>Site Wastewater Conveyance Facilities and Implement On</b> - ore the approval of the final map and issuance of building of Folsom that an adequate wastewater conveyance system
IP (No Action/No Project) NCP (No USACE Permit) F CD (Centralized Development) RHD (Reduced Hillside Development) F	PP (Proposed Pro PA (Preferred Off-	ject) RIM (Resource Impact Minimization) site Water Facility Alternative)
B (Beneficial) NI (No impact) LTS (Less than significant) PS (Poter	ntially significant)	S (Significant) SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mi	igation Me	asures	
		Impact	La	nd/Water/GP	A	Significance
		Mitigation				
either has been cc 3.40, "Facilities A and off-site force approval of the fi	Instructed or is en Augmentation Fee main sufficient to nal map and issua	sured through payment of the City's facil – Folsom South Area Facilities Plan," or provide adequate service to the project s nce of building permits for all project pha	lities augmenta r other sureties shall be in plac ases, or their fi	tion fee as de to the City's e for the amo nancing shall	escribed under the Folsom I satisfaction. Both on-site v unt of development identifi be ensured to the satisfaction	Municipal Code Title 3, Chapter vastewater conveyance infrastructure led in the tentative map before ton of the City.
Implementation:	The project	applicant(s) of all project phases.				
Timing:	Before appro	oval of final maps and issuance of buildi	ng permits for	any project	phases.	
Enforcement:	City of Folse	om Community Development Department	nt and City of	Folsom Publ	ic Works Department.	
<b>OFF-SI</b> No mitigation me <i>Significance afte</i>	TE easures are requir r Mitigation: les	ed. <i>s than significant</i>				
<b>3A.16-2: Increas</b> <b>Conveyance Fac</b> service area would	sed Demand for ilities. The waste d require off-site	SRCSD Off-Site Wastewater Collection ewater generated within the 3,313-acre S collection facilities to the Folsom East 1	on and BRCSD Interceptor.	Land	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RE OFF-SITE No direct or indirect	ID: direct LTS, no indirect
ON-SIT NP: No mitigation	<b>E</b> on measures are r	equired.				
NCP, PP, RIM,	CD, RHD: No m	nitigation measures are required.				
OFF-SI	TE .	1				
No mitigation me	easures are requir	ed.				
Significance afte	r Mitigation: les	s than significant				
<b>3A.16-3: Increas</b> Project implement wastewater flows transported to the	sed Demand for tation would res from the 3,313-a SRWTP for trea	<b>SRWTP Wastewater Treatment Plant</b> ult in increased generation of wastewater acre SRCSD portion of the SPA would u thent and disposal.	t Facilities. r. Collected Iltimately be	Land	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RF OFF-SITE Direct LTS & indirect im	<b>ID:</b> direct PS, indirect SU pacts evaluated throughout EIR/EIS
ON-SIT NP: No mitigatio NCP, PP, RIM,	'E on measures are ro CD, RHD: Mitig	equired. gation Measure 3A.16-3: Demonstrate	Adequate SI	WTP Wast	ewater Treatment Capac	<b>ity.</b> The project applicant(s) of all
project phases sh	an demonstrate a	ucquate capacity at the SK w 1P 10f new	wastewater II	ows generate	tu by the project. This shall	i mvolve preparing a tentative map-
NP (No Action/No Proje CD (Centralized Develo	ct) pment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP ( PA (	Proposed Pro Preferred Off-	ject) site Water Facility Alternative	RIM (Resource Impact Minimization) )
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentia	ly significant)	S (Significant)	SU (Significant and unavoidable)

	Table 1 Summary of Impacts and	-1 Mitigation M	leasures		
	Impact	Land/Water/G	PA Significance		
	Mitigation				
level study and pay not be granted unti	ving connection and capacity fees as identified by SRCSD. Approv I the City verifies adequate SRWTP capacity is available for the ar	val of the final mount of devel	map and issuance of building permits for all project phases shalopment identified in the tentative map.		
Implementation:	The project applicant(s) of all project phases.	C	t shows		
Timing:	ming. Before approval of final maps and issuance of building permits for any project phases.				
Enforcement:	City of Folsom Community Development Department and City	of Folsom Put	blic Works Department.		
OFF-SIT	E surge are required				
No mitigation mea	Mitigation, significant and un quoidable				
Significance after					
Conveyance Facil area would require	ities. The wastewater generated within the 189-acre EID service off-site wastewater collection and conveyance facilities to the EII	)	NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct & indirect PS		
facility.			OFF-SITE No direct or indirect		
tacility. ON-SITE NP: No mitigation	measures are required.		<b>OFF-SITE</b> No direct or indirect		
<b>ON-SITE</b> <b>NP:</b> No mitigation <b>NCP, PP, RIM, C</b> <b>Off-Site Infrastru</b> permits for all proj been constructed o EID off-site waster tentative map befo shall be ensured to	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtai r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City.	ate EID Off-S Secured. Befor n proof from E applicants of a vice to project s Il project phase	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in the es, and before issuance of occupancy permits, or their financing		
<b>ON-SITE</b> <b>NP:</b> No mitigation <b>NCP, PP, RIM, C</b> <b>Off-Site Infrastru</b> permits for all proj been constructed o EID off-site waster tentative map befo shall be ensured to Implementation:	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtai r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City. The project applicant(s) of all project phases.	<b>Secured.</b> Befor n proof from E applicants of a vice to project s ll project phase	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in the es, and before issuance of occupancy permits, or their financing		
ON-SITE NP: No mitigation NCP, PP, RIM, C Off-Site Infrastru permits for all proj been constructed o EID off-site waster tentative map befo shall be ensured to Implementation: Timing:	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtair r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City. The project applicant(s) of all project phases. Before approval of final maps and issuance of building permits	tate EID Off-S Secured. Befor n proof from E applicants of a vice to project s Il project phase for any projec	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in the es, and before issuance of occupancy permits, or their financing et phase.		
ON-SITE NP: No mitigation NCP, PP, RIM, C Off-Site Infrastru permits for all proj been constructed o EID off-site waster tentative map befo shall be ensured to Implementation: Timing: Enforcement:	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtai r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City. The project applicant(s) of all project phases. Before approval of final maps and issuance of building permits City of Folsom Community Development Department and City	ate EID Off-S Secured. Befor n proof from E applicants of a vice to project s ll project phase for any projec	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in th es, and before issuance of occupancy permits, or their financing et phase. blic Works Department.		
ON-SITE NP: No mitigation NCP, PP, RIM, C Off-Site Infrastru permits for all proj been constructed o EID off-site wastev tentative map befo shall be ensured to Implementation: Timing: Enforcement: OFF-SIT	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtai r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City. The project applicant(s) of all project phases. Before approval of final maps and issuance of building permits City of Folsom Community Development Department and City <b>E</b>	ate EID Off-S Secured. Befor n proof from E applicants of a vice to project s Il project phase for any projec of Folsom Pul	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in th es, and before issuance of occupancy permits, or their financing et phase. blic Works Department.		
ON-SITE NP: No mitigation NCP, PP, RIM, C Off-Site Infrastru permits for all proj been constructed o EID off-site wastev tentative map befo shall be ensured to Implementation: Timing: Enforcement: OFF-SIT No mitigation mea	measures are required. <b>D, RHD: Mitigation Measure 3A.16-4: Submit Proof of Adequ</b> <b>cture Service Systems or Ensure That Adequate Financing Is</b> ect phases, the project applicant(s) of all project phases shall obtain r is ensured through the use of bonds or other sureties. The project water conveyance infrastructure sufficient to provide adequate service re approval of the final map and issuance of building permits for a the satisfaction of the City. The project applicant(s) of all project phases. Before approval of final maps and issuance of building permits City of Folsom Community Development Department and City <b>E</b> sures are required.	ate EID Off-S Secured. Before n proof from E applicants of a vice to project s Il project phase for any project of Folsom Pul	OFF-SITE No direct or indirect Site Wastewater Conveyance Facilities and Implement EID re the approval of the final map and issuance of building EID that an adequate wastewater conveyance system either has all project phases shall submit this proof to the City of Folsom shall be in place for the amount of development identified in th es, and before issuance of occupancy permits, or their financing et phase. blic Works Department.		

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project	RIM (Resource Impact Minimization)	
CD (Centralized Dev	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	vvater Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

	Impact	Land/Water/GP	A Significand	ce
	Mitigation			
<b>3A.16-5: Increas</b> <b>Facilities.</b> Project Collected wastew ultimately be tran	ed Demand for El Dorado Hills Wastewater Treatm implementation would result in increased generation of ater flows from the 189-acre EID portion of the SPA v sported to the El Dorado Hills WWTP for treatment ar	nent Plant Land of wastewater. vould nd disposal.	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct & OFF-SITE No direct or indirect	indirect PS
ON-SIT	E			
NP: No mitigatio	1 measures are required.	TT:11 - XX74 T 4 T 4		
phases shall demo preparing a tentat all project phases tentative map.	nstrate adequate capacity at the El Dorado Hills WWT ve map–level study and paying connection and capaci shall not be granted until the City verifies adequate El	P for new wastewater flows ty fees as identified by EID.	generated by project development. This approval of the final map and issuance y is available for the amount of development.	is shall involve of building permits f opment identified in th
Implementation:	The project applicant(s) of all project phases.			
Timing:	Before approval of final maps and issuance of buil	ding permits for any project	phases involving the El Dorado Hills V	WWTP.
Enforcement:	City of Folsom Community Development Departn	nent and City of Folsom Publ	ic Works Department.	
RIM, CD, RHD, OFF-SI No mitigation me	NF: Implement Mitigation Measure 3A.16-6. TE asures are required.			
Significance afte	· Mitigation: potentially significant and unavoidable			
<b>3A.16-6: Short-T</b> Project constructi	erm Generation of Solid Waste during Project Con on would generate short-term construction-related deb	is <b>truction.</b> Land ris and waste.	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct L' OFF-SITE No direct or indirect	TS, no indirect
			No uncer of muncer	
<b>NP:</b> No mitigatio	1 measures are required.		No direct of mancet	
<b>NP:</b> No mitigatio <b>NCP, PP, RIM</b> ,	n measures are required. 2 <b>D, RHD:</b> No mitigation measures are required.			
NP: No mitigatio NCP, PP, RIM, o Significance after	n measures are required. C <b>D, RHD:</b> No mitigation measures are required. • <i>Mitigation: less than significant</i>			
<b>NP:</b> No mitigatio <b>NCP, PP, RIM,</b> <i>Significance afte</i>	n measures are required. <b>D, RHD:</b> No mitigation measures are required. • <i>Mitigation: less than significant</i>			
NP: No mitigatio NCP, PP, RIM, 6 Significance after	n measures are required. C <b>D, RHD:</b> No mitigation measures are required. • <i>Mitigation: less than significant</i>			
NP: No mitigatio NCP, PP, RIM, G Significance after	n measures are required. <b>D, RHD:</b> No mitigation measures are required. • <i>Mitigation: less than significant</i>			
NP: No mitigatio NCP, PP, RIM, o <i>Significance after</i> 9 (No Action/No Project 0 (Centralized Develop	n measures are required. C <b>D, RHD:</b> No mitigation measures are required. • <i>Mitigation: less than significant</i> t) NCP (No USACE Permit) ment) RHD (Reduced Hillside Development	PP (Proposed Proj ) PA (Preferred Off-	ect) RIM (Reso site Water Facility Alternative)	ource Impact Minimizati

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE
Table 1-1           Summary of Impacts and Mitigation Measures					
Impact	Land/Water/GP	A Significance			
Mitigation					
<b>3A.16-7: Increased Long-Term Generation of Solid Waste.</b> Project implementation would increase long-term solid-waste generation.	on Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct LTS, no indirect OFF-SITE No direct or indirect			
<b>NP, NCP, PP, RIM, CD, RHD:</b> No mitigation measures are required. <i>Significance after Mitigation: less than significant</i>					
<b>3A.16-8: Increased Demand for Electricity and Infrastructure.</b> Project implementation would increase the demand for electricity and electrical infrastructure	Land re.	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct LTS, indirect impacts evaluated throughout EIR/EIS OFF-SITE No direct or indirect			
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.					
Significance after Mitigation: less than significant					
<b>3A.16-9: Increased Demand for Natural Gas and Infrastructure.</b> Project implementation would increase the demand for natural gas and infrastructure and would include the extension of existing natural gas pipelines.	Land	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHD: direct LTS, indirect impacts evaluated throughout EIR/EIS OFF-SITE No direct or indirect			
NP, NCP, PP, RIM, CD, RHD: No mitigation measures are required.					
Significance after Mitigation: less than significant					

NP (No Action/No Pr	oject)	NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Dev	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Impa	Table 1-1 acts and Mitiga	ation Mea	sures	
		Impact	Land/	and/Water/GPA		Significance
		Mitigation				
<b>3A.16-10: Incr</b> Project implement and infrastructur lines.	reased Demand for entation would incr and would include	<b>Telecommunications Service and Inf</b> ease the demand for telecommunication de the extension of existing telecommun	rastructure. L s service ication	and	ON-SITE NP: direct LTS, no indirec NCP, PP, RIM, CD, RHI evaluated throughout EIR/ OFF-SITE No direct or indirect	t D: direct LTS, indirect impacts EIS
NP, NCP, PP,	RIM, CD, RHD: N	lo mitigation measures are required.				
Significance af	ter Mitigation: less	than significant				
<b>3A.16-11: Incr</b> <b>and Infrastruc</b> television servic television lines.	reased Demand for sture. Project imple ce and infrastructur	<b>Cable Television and Communication</b> mentation would increase the demand for e and would include the extension of exi	ns Service L or cable isting cable	and	ON-SITE NP: direct LTS, no indirec NCP, PP, RIM, CD, RHI evaluated throughout EIR/ OFF-SITE No direct or indirect	t 9: direct LTS, indirect impacts EIS
NP, NCP, PP, 1	RIM, CD, RHD: N	lo mitigation measures are required.				
Significance af	ter Mitigation: less	than significant				
<b>3A.16-12: Incr</b> consumption du	reased Energy Den aring construction a	nand. Project implementation would inc nd operation.	rease energy L	and	ON-SITE NP: direct LTS, no indirect NCP, PP, RIM, CD, RHI OFF-SITE direct LTS, no indirect	et D: direct LTS, indirect uncertain
NP, NCP, PP, I Significance af	RIM, CD, RHD: N fter Mitigation: less	lo mitigation measures are required. <i>than significant</i>				
(No Action/No Pro	icct)		DD /Dra	norod Drois	ct)	PIM (Pasouroo Impact Minimizati
(No Action/No Proj (Centralized Devel	lopment)	RHD (Reduced Hillside Development)	PP (Pro PA (Pre	ferred Off-si	te Water Facility Alternative)	RIM (Resource Impact Minimizati
Beneficial)	NI (No impact)	LIS (Less than significant)	PS (Potentially s	ignificant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 acts and Mitigat	on Meas	ures	
		Impact	Land/W	ater/GPA		Significance
		Mitigation				
3B.16 UTILITIES	AND SERVICE	SYSTEMS - WATER				
<b>3B.16-1: Generati</b> Alternatives would treatment.	on of Wastewate	er. The operation of the Off-site Water ater that would require off-site convey	Facility Wa ance and	ter N in	<b>CP, PA, 1, 1A, 2, 2A, 2E</b> direct LTS	<b>3, 3, 3A, 4, &amp; 4A:</b> direct &
NCP, PA, 1, 1A, 2 Significance after	, 2A, 2B, 3, 3A, 4 Mitigation: less t	I, & 4A: No mitigation measures are re han significant	equired.			
<b>3B.16-2: Changes</b> <b>Entitlement.</b> The or infringe upon the v	<b>in Operation of</b> operation of the C vater rights of oth	the Central Valley Project Water Su off-site Water Facility Alternatives wor er legal users of water.	upply Wa ald not	ter N	<b>CP, PA, 1, 1A, 2, 2A, 2E</b> o indirect	<b>3, 3, 3A, 4, &amp; 4A:</b> direct LTS &
NCP, PA, 1, 1A, 2 Significance after	, 2A, 2B, 3, 3A, 4 Mitigation: less t	I, & 4A: No mitigation measures are re han significant	equired.			
<b>3B.16-3: Potential</b> of the Off-site Wat utilities and infrast	l <b>Disruption to E</b> er Facilities has t ructure.	<b>xisting Utilities and Infrastructure.</b> the potential to disrupt existing public a	Construction Wa and private	ter N in	<b>CP, PA, 1, 1A, 2, 2A, 2E</b> direct	<b>3, 3, 3A, 4, &amp; 4A:</b> direct PS & no
NCP, PA, 1, 1A, 2 Underground utilit Services Alert (US manager (also refer until prior approva	<b>2A, 2B, 3, 3A,</b> 4 ies and service co A). The exact util rred to as "pot-ho l is received from	<b>I, &amp; 4A: Mitigation Measure 3B.16-3</b> nnections shall be identified prior to co ity locations will be determined by har ling"). Temporary disruption of servic the construction manager and the serv	Ba: Minimize Utili commencing any ex nd-excavated test p e may be required to rice provider.	ty Conflict cavation w its dug at le to allow for	ts by Implementing an U ork through the implement ocations determined and r construction. No service	Underground Services Alert. ntation of an Underground approved by the construction e on such lines would be disrupted
Implementation:	City of Folson	n Utilities Department				
Timing:	Prior to constr	uction of all Off-site Water Facilities				
Enforcement:	Public and Pri Municipal Ut County Water Company, and	vate Utilities, where applicable, includ ility District, City of Folsom Public W Agency, City of Rancho Cordova Pub Aerojet Corporation.	ing: Sacramento Co orks Department, S olic Works Departr	ounty Sanit acramento nent, Sacra	tation District, Pacific Ga County Department of V mento County Roads and	s and Electric, Sacramento Vater Resources, Sacramento I Airports, Golden State Water
Mitigation Measu Disruptions. Prior to minimize the po	re 3B.16-3b: Co to installation, th tential for disrupt	ordinate with Utility Providers and I e City shall consult with SCWA, SRC ions to existing and planned utilities.	<b>mplement Appro</b> SD, CSD-1, and PC	p <b>riate Inst</b> G&E to det	allation Methods to Min ermine proper installation	nimize Potential Utility Service n methods and final design criteria
Implementation:	City of Folson	n Utilities Department				
NP (No Action/No Project) CD (Centralized Developr	) nent)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Propo PA (Prefe	sed Project	) Water Facility Alternative)	RIM (Resource Impact Minimization)
B (Beneficial)	II (No impact)	LTS (Less than significant)	PS (Potentially sig	nificant)	S (Significant)	SU (Significant and unavoidable)

		Summary of Imp	Table 1-1 bacts and Mit	igation Me	asures	
		Impact	Lar	nd/Water/GP	A	Significance
		Mitigation				
Timing:	Prior to constr	uction of all Off-site Water Facilities				
Enforcement:	Public and Pri Municipal Ut County Wate Company, an	vate Utilities, where applicable, includ ility District, City of Folsom Public W r Agency, City of Rancho Cordova Pu d Aerojet Corporation.	ding: Sacramen /orks Departme ıblic Works Dej	to County S nt, Sacrame partment, Sa	anitation District, Pacific C into County Department of acramento County Roads an	Gas and Electric, Sacramento Water Resources, Sacramento nd Airports, Golden State Water
Significance afte	r Mitigation: less	than significant				
<b>3B.16-4: Increas</b> Off-site Water Fa ability to comply	ed Generation of cilities would gene with solid waste d	Solid Waste. Construction and operate solid waste, which could impact iversion requirements of the state.	tion of the the City's	Water	NCP, PA, 1, 1A, 2, 2A, 2 no indirect	2B, 3, 3A, 4, & 4A: direct LTS &
NCP, PA, 1, 1A, Significance afte	2, 2A, 2B, 3, 3A, 4 r Mitigation: less	<b>1, &amp; 4A:</b> No mitigation measures are a <i>than significant</i>	required.			
<b>3B.16-5: Potentia</b> the Off-site Wate thereby adversely	al Inefficient Ener r Facilities could r r affecting current a	rgy Consumption. Construction and c esult in the inefficient consumption of and future energy conservation efforts	operation of energy	Water	NCP, PA, 1, 1A, 2, 2A, 2	2B, 3, 3A, 4, & 4A: direct PS
NCP, PA, 1, 1A,	2, 2A, 2B, 3, 3A,	4, & 4A: Implement Mitigation Measu	ures 3B.4-1a an	d 3B.4-1b.		
Significance afte	r Mitigation: less	than significant				
3B.17 GROUNE	OWATER - WAT	ER				
<b>3B.17-1: Exceed</b> <b>Groundwater.</b> T to the depletion o violating water qu	ance of Water Qu he Off-site Water I f groundwater reso uality standards or	ality Standards and Requirements for a second generate discharges to burces thereby potentially directly and waste discharge requirements.	for or contribute indirectly	Water	NCP, PA, 1, 1A, 2, 2A, 2 indirect	2B, 3, 3A, 4, & 4A: direct PS & 1
NCP, PA, 1, 1A, During constructi pipeline corridor, control the volum Water Facilities S activities. Measur	2, 2A, 2B, 3, 3A, 4 on at site locations WTP), it shall be the of groundwater. Stormwater Pollutions res shall include, b	<b>4, &amp; 4A: Mitigation Measure 3B.17-</b> containing high groundwater, if group pumped to an authorized onsite land a Tanks shall be equipped with either a on Prevention Plan (SWPPP) shall inc at not limited to, the following:	<b>1a: Implemen</b> ndwater from d rea, existing de gel coagulant, lude BMPs, as	t <b>Construct</b> ewatering a tention facil a filter syste appropriate,	ion Dewatering Best Mar ctivities cannot be contained ities, or Baker tanks or equ m, or other containment to to retain, treat, and dispose	agement Practices. ed within the construction area (e. vivalent with sufficient capacity to remove sediment. The Off-site e of groundwater from dewatering
<ul> <li>temporarily r</li> <li>convey pump</li> </ul>	retain pumped grou bed groundwater to	ndwater, as appropriate, to reduce tur a suitable land disposal area capable	bidity and conc of percolating f	entrations o lows; and/o	f suspended sediments before r	ore discharge to surface waterway
(No Action/No Projec (Centralized Develop	ct) oment)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (F PA (F	Proposed Pro Preferred Off-	ject) site Water Facility Alternative	RIM (Resource Impact Minimizat )
eneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentiall	y significant)	S (Significant)	SU (Significant and unavoidable)

		Ta Summary of Impacts	ble 1-1 and Mitigation M	easures	
		Impact	Land/Water/G	PA	Significance
		Mitigation			
<ul> <li>incorporate otl</li> </ul>	her ap	plicable measures from the Caltrans Storm Water Qual	ity Handbook, Secti	on 7: Dewatering	g Operations (2004).
Implementation:	Cit	y of Folsom Utilities Department			
Timing:	Pri	or to and during construction			
Enforcement:	1.	California Department of Fish and Game or Regiona	l Water Quality Cor	ntrol Board	
	2.	City of Folsom Community Development Department	nt.		
	3.	Sacramento County Planning Department or City of Rar	ncho Cordova Plannin	g Department for	improvements within their respective jurisdictio
terminated, ground and comply with C	lwater Central	shall be disposed through land application. Groundwat Valley RWQCB requirements.	ter collected during	dewatering shall	be tested for contamination prior to disposal
Implementation:	Cit	y of Folsom Utilities Department			
Timing:	Prie	or to and during construction			
Enforcement:	1.	California Department of Fish and Game or Regiona	l Water Quality Cor	ntrol Board	
	2.	City of Folsom Community Development Department	nt.		
	3.	Sacramento County Planning Department or City of Ran	icho Cordova Plannin	g Department for	improvements within their respective jurisdiction
Significance after	Mitige	ation: less than significant			
<b>3B.17-2: Depletion</b> Water Facilities is substantially with g aquifer volume or a	<b>n of G</b> unlike grounc a lowe	<b>roundwater Supplies Through Pumping.</b> The Off-si- ly to substantially deplete groundwater supplies or inte- twater recharge such that there would be a net deficit in bring of the local groundwater levels.	te Water erfere 1	NCP, PA, 1, no indirect	1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct LTS &
NCP, PA, 1, 1A, 2	2, 2A, 2	2B, 3, 3A, 4, & 4A: No mitigation measures are requir	ed.		
Significance after	Mitige	ation: less than significant			
No Action/No Project	)	NCP (No USACE Permit)	PP (Proposed Pi	roject) Kaita Matan Faailit	RIM (Resource Impact Minimizat

PS (Potentially significant)

LTS (Less than significant)

S (Significant)

SU (Significant and unavoidable)

B (Beneficial)

NI (No impact)

	Impact	Land/Water/GP/	A Significance
	Mitigation		
<b>3B.17-3: Alteration of a</b> <b>Groundwater Pumping</b> Field required by Off-sit hydrology.	Surface Water Hydrology through Substantial g. Substantial groundwater pumping from the Excelsior Well e Water Facilities operations could alter existing surface	Water	NCP, PA, 1, 1A, 2, 2A, 2B, 3, 3A, 4, & 4A: direct LTS no indirect
NCP, PA, 1, 1A, 2, 2A,	2B, 3, 3A, 4, & 4A: No mitigation measures are required.		
Significance after Mitig	ation: less than significant		
3A.18 WATER SUPP	LY - LAND		
<b>3A.18-1: Increased Der</b> require the acquisition o Water Company to prov	<b>nand for Water Supplies.</b> Project water demands would f surface water entitlements from the Natomas Central Mutua ide a reliable water supply.	Land 1	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct PS OFF-SITE Direct LTS, indirect impacts evaluated throughout EIR/
NCP, PP, RIM, CD, R	HD: Mitigation Measure 3A.18-1: Submit Proof of Surface	e Water Supply	y Availability.
a. Prior to approval of Prior to approval of 66473.7, or formall impose conditions s	any small-lot tentative subdivision map subject to Governme any small-lot tentative subdivision map for a proposed reside y consult with any public water system that would provide wa imilar to those required by Section 66473.7 to ensure an adeq	nt Code Sectior ntial project no iter to the affect uate water supp	n 66473.7 (SB 221), the City shall comply with that statut t subject to that statute, the City need not comply with Se ted area; nevertheless, the City shall make a factual show ply for development authorized by the map.
b. Prior to recordation nonresidential uses, public water system approval or entitlen improvements will	of each final subdivision map, or prior to City approval of an the project applicant(s) of that project phase or activity shall for the amount of development that would be authorized by t ent. Such a demonstration shall consist of information showin be in place prior to occupancy.	y similar projec demonstrate the the final subdiving that both exi	ct-specific discretionary approval or entitlement required e availability of a reliable and sufficient water supply from ision map or project-specific discretionary nonresidential sting sources are available or needed supplies and
Implementation: Th	e project applicant(s) of all project phases.		
Timing: Be	fore approval of final maps and issuance of building permits	for any project	phases.
Enforcement: Ci	ty of Folsom Community Development Department and City	of Folsom Publ	lic Works Department.

	Summary of impacts and N	litigation Me	easures			
Impact Land/Water/GPA Significance						
	Mitigation					
<b>3A.18-2: Increased</b> <b>Facilities.</b> Project in treatment facilities	<b>d Demand for Off-Site Water Conveyance and Treatment</b> mplementation would result in increased demand for off-site water to deliver water to customers on the project site.	Land	ON-SITE NP: no direct or indirect NCP, PP, RIM, CD, RHD: direct PS, indirect impacts evaluated throughout EIR/EIS OFF-SITE Direct LTS, indirect impacts evaluated throughout EIR/EIS			
NCP, PP, RIM, C. Infrastructure Ser	D, RHD: Mitigation Measure 3A.18-2a: Submit Proof of Adequ vice System or Ensure That Adequate Financing Is Secured.	ate Off-Site V	<b>Water Conveyance Facilities and Implement Off-Site</b>			
discretionary devel ensured or other su place for the amoun phases, or their fina water conveyance	opment application shall submit proof to the City of Folsom that an reties to the City's satisfaction. The off-site water conveyance infra nt of development identified in the tentative map before approval of ancing shall be ensured to the satisfaction of the City. A certificate of the fore the satisfaction of the City.	adequate off- structure suffi the final <u>sub- of occupancy</u> and is in plac	site water conveyance system either has been constructed or is cient to provide adequate service to the project shall be in <u>livision</u> map and issuance of building permits for all project shall not be issued for any building within the SPA until the			
Implementation: The project applicant(s) all project phases for any particular discretionary development application.						
Implementation:	The project applicant(s) all project phases for any particular disc. Before approval of final maps and issuance of building permits f	etionary deve	e. <u>elopment application</u> .			
Implementation: Timing: Enforcement:	The project applicant(s) <del>all project phases</del> for any particular disc Before approval of final maps and issuance of building permits f City of Folsom Community Development Department and City of	retionary deve or any project of Folsom Put	<u>e.</u> elopment application. phases. lic Works Department			
Implementation: Timing: Enforcement: <b>Mitigation Measu</b>	The project applicant(s) all project phases for any particular disc Before approval of final maps and issuance of building permits f City of Folsom Community Development Department and City or re 3A.18-2b: Demonstrate Adequate Off-Site Water Treatment	retionary deve or any project of Folsom Pub <b>Capacity (if</b>	<u>e.</u> <u>elopment application</u> . phases. lic Works Department. the Off-Site Water Treatment Plant Option is Selected).			
Implementation: Timing: Enforcement: <b>Mitigation Measu</b> If an off-site water <u>particular discretion</u> and paying connect treatment capacity final map and issua treatment capacity	The project applicant(s) all project phases for any particular disc Before approval of final maps and issuance of building permits f City of Folsom Community Development Department and City of re 3A.18-2b: Demonstrate Adequate Off-Site Water Treatment treatment plant (WTP) alternative is selected (as opposed to the on- nary development application shall demonstrate adequate capacity a tion and capacity fees as determined by the City. Approval of the fin either is available or is certain to be available when needed for the a nnce of building permits for all project phases. <u>A certificate of occup</u> sufficient to serve such building has been constructed and is in place	retionary development or any project of Folsom Pub <b>Capacity (if</b> site WTP alte t the off-site nal project ma mount of development pancy shall no e.	<u>e.</u> <u>clopment application</u> . phases. lic Works Department. <b>the Off-Site Water Treatment Plant Option is Selected).</b> rnative), the project applicant(s) <del>all project phases <u>for</u> any</del> WTP. This shall involve preparing a tentative map–level study p shall not be granted until the City verifies adequate water elopment identified in the tentative map before approval of the t be issued for any building within the SPA until the water			
Implementation: Timing: Enforcement: <b>Mitigation Measu</b> If an off-site water particular discretion and paying connect treatment capacity final map and issua treatment capacity Implementation:	The project applicant(s) all project phases for any particular disc. Before approval of final maps and issuance of building permits f City of Folsom Community Development Department and City of re 3A.18-2b: Demonstrate Adequate Off-Site Water Treatment treatment plant (WTP) alternative is selected (as opposed to the on- nary development application shall demonstrate adequate capacity a tion and capacity fees as determined by the City. Approval of the fin- either is available or is certain to be available when needed for the a nace of building permits for all project phases. A certificate of occup sufficient to serve such building has been constructed and is in place The project applicant(s) all project phases for any particular disc.	retionary develop or any project of Folsom Pub <b>Capacity (if</b> site WTP alte t the off-site al project ma mount of dev pancy shall no e. retionary develop	<u>e.</u> <u>clopment application</u> . phases. lic Works Department. <b>the Off-Site Water Treatment Plant Option is Selected).</b> rnative), the project applicant(s) <del>all project phases</del> for any WTP. This shall involve preparing a tentative map–level study p shall not be granted until the City verifies adequate water elopment identified in the tentative map before approval of the t be issued for any building within the SPA until the water elopment application.			
Implementation: Timing: Enforcement: <b>Mitigation Measu</b> If an off-site water <u>particular discretion</u> and paying connect treatment capacity final map and issua treatment capacity Implementation: Timing:	The project applicant(s) all project phases for any particular disc Before approval of final maps and issuance of building permits f City of Folsom Community Development Department and City of re 3A.18-2b: Demonstrate Adequate Off-Site Water Treatment treatment plant (WTP) alternative is selected (as opposed to the on- nary development application shall demonstrate adequate capacity a tion and capacity fees as determined by the City. Approval of the fin either is available or is certain to be available when needed for the a nace of building permits for all project phases. A certificate of occup sufficient to serve such building has been constructed and is in place The project applicant(s) all project phases for any particular disc Before approval of final maps and issuance of building permits f	retionary development or any project of Folsom Pub <b>Capacity (if</b> site WTP alter t the off-site al project ma mount of dev pancy shall no e. retionary development or any project	<u>e.</u> <u>clopment application</u> . phases. lic Works Department. <b>the Off-Site Water Treatment Plant Option is Selected).</b> rnative), the project applicant(s) <del>all project phases <u>for</u> any</del> WTP. This shall involve preparing a tentative map–level study p shall not be granted until the City verifies adequate water elopment identified in the tentative map before approval of the <u>t be issued for any building within the SPA until the water</u> <u>clopment application</u> . phases.			

NP (No Action/No Pr	oject)	NCP (No USACE Permit)	PP (Proposed Project	)	RIM (Resource Impact Minimization)
CD (Centralized Dev	elopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site	Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

AECON		ר Summary of Impac	able 1-1 and Mitigation Measures			
VI ction		Impact	Land/Water/GPA	Significance		
		Mitigation				
	CUMULATIVE - LAND					
	Land Use Compatibility with High trips are added to modeled roadway within 400 feet of sensitive receptor in exposure of those receptors to high Therefore, this direct impact would would occur.	<b>t-Volume Arterial Roadways.</b> When qu segments before the year 2030, traffic vo s that would be constructed in the SPA co h levels of toxic air contaminants (see Ta be potentially significant. No indirect imp	arry truck Land lumes ould result ble 4-4). pacts			
	Cumulative Mitigation Measure A Contaminants from Ouarry True	. <mark>IR-1-Land: Implement Measures to R</mark> <del>« Traffic.</del>	educe Exposure of Sensitive Receptor	rs to Operational Emissions of Toxic Air		
Folsom South ( 1-188	The City of Folsom does not have d the unincorporated portion of the Co would be applicable within the City Vehicle Code section 21101(c), inel adjacent to areas where projected tr from quarry truck traffic and/or traff other discretionary project approval and consultants shall analyze and pr would allow a level of truck traffic to Folsom South of U.S. 50 project are sensitive receptors is no more than 2 be determined by a Health Risk Ass As an alternative to designating truc	rect jurisdiction over the Teichert, DeSil- unty of Sacramento. The City's authority s jurisdictional boundaries. For example, uding truck routes in the Folsom South of the kraffic volumes would otherwise resul- ic safety hazards. If this approach is selec- that would place sensitive receptors alon- opose to the City Council for approval de hat would avoid any potentially significa- a, as well as any other existing or planner 96 in one million (or such different thres essment (HRA) paid for by the applicant. k routes, the following measures could be	va Gates, or Walltown quarry project ap to control the activities of the quarry tr the City could designate truck routes th U.S. 50 project area, so as to prohibit of t in exposure of sensitive receptors to o etcd by the City, then prior to the approx g any roads the quarry trucks could use signated truck routes from the quarries at impact on sensitive receptors from to l uses that would contain sensitive recep- hold of significance recommended by S	plicants as these projects are located within ucks includes restrictions or actions that rough the City consistent with California or limit quarry trucks' use of City roads perational emissions of toxic air contaminants val of the first tentative subdivision map or any to access U.S. 50, the City's traffic department through City jurisdiction to access U.S. 50 that xie air contaminant emissions within the otors, so as to ensure that the risk of cancer to MAQMD or ARB at the time, if any) as may project applicant(s) (Teichert, DeSilva Gates,		
of U.S	The quarry project applicant(s)	should meet with the City of Folsom to d	iscuss mitigation strategies implementa	tion and cost		
3. Highway 50 Specific Plan F City of Folsom an	<ul> <li>A site specific, project level screening analysis and/or Health Risk Assessment (HRA) should be conducted by the City of Folsom and funded by the quarry truck applicant(s) for all proposed sensitive receptors (e.g., residences, schools) in the SPA that would be located along the sides of roadway segments that are identified in Table 4-4 as being potentially significant under any of the analyzed scenarios. Each project-level analysis shall be performed according to the standards set forth by SMAQMD for the purpose of disclosure to the public and decision makers. The project-level analysis shall account for the location of the receptors relative to the roadway, their distance from the roadway, the projected future traffic volume for the year 2030 (including the proportion of diesel trucks), and emission rates representative of the vehicle fleet for the year when the sensitive land uses would first become operational and/or occupied. If the incremental increase in cancer risk determined by in the HRA exceeds 296 in one million (or a different threshold of significance recommended by SMAQMD or ARB at the time, if any), then project design mitigation should be employed, which may include the following:</li> </ul>					
EIR/FEIS	NP (No Action/No Project) CD (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Facility	RIM (Resource Impact Minimization) Alternative)		

NI (No impact)

	Summary of Im	Table 1-1 pacts and Mitigation Measu	ires	
	Impact	Land/Water/GPA		Significance
	Mitigation			
<ul> <li>Increase the setback dis based on the results of a fee that shall serve as determined in consultat quarry trucks shall be a</li> </ul>	tance between the roadway and affected he HRA, the quarry truck applicant(s) sh compensation for lost development profi ion with the quarry project applicant(s), t llowed to pass on any roadway segment	receptor. If this mitigation mea ould pay the Folsom South of 5 it and lost City tax revenues, all the Folsom South of 50 Specific immediately adjacent to or with	sure is determined by th O Specific Plan project as determined by the post Plan project applicant( in the SPA until said m	e City of Folsom to be necessary, applicant(s) and the City of Folson arties. Said mitigation fee shall be (s), and the City of Folsom. No itigation fees are paid.
<ul> <li>Implement tiered tree p 500 feet in both direction mobile source TACs as trees reach maturity, with affected sensitive land the trees to become estan planting, cost, and ongoing</li> </ul>	lanting of fine needle species, such as re- ons of the initial planting (e.g., 500 feet n sociated with the adjacent roadway. The nich breaks the line of sight between U.S uses. This measure encourages the plantin iblished and progress toward maturity. The ping maintenance of these trees should be	dwood, along the near side of the orth and south of a roadway the se trees should be planted at a de . 50 and the proposed homes. The ng of these trees in advance of the he life of these trees should be the of the by the quarry project a	te roadway segments an t runs east west) to enh ensity such that a solid- hese trees should be pla he construction of poter naintained through the pplicant(s).	d, if feasible, along the roadway ance the dispersion and filtration of visual buffer is achieved after the nted before occupation of any utially affected receptors to allow duration of the quarry projects. The
To improve the indoor	air quality at affected receptors, impleme	nt the following measures before	e the occupancy of the	affected residences and schools:
equip all affected r mechanical air inta	esidences and school buildings developed ke points to the interior rooms;	d in the SPA with High Efficier	ey Particle Arresting (I	IEPA) filter systems at all
	ntilation. and air conditioning (HVAC) s	vstems to maintain all residentia	l units under positive p	ressure at all times:
<u> </u>	stems for HVAC as far away from roadu	vay air pollution sources as pose	ible: and	,
— Develop and imple	ment an ongoing education and mainten	unce plan about the filtration sy	stems associated with H	VAC for residences and schools
To the extent this indoor air qua mitigation should be paid for by residence or school within the S	lity mitigation would not already be impl the quarry project applicant(s) before an PA.	emented as part of the Folsom y quarry trucks are allowed to p	South of 50 Specific Pla ass on any roadway tha	an project development, this t is within 400 feet of any
Implementation: The project	t applicant(s) of the Folsom South of 50	Specific Plan project.		
Timing: Prior to ap	proval of first tentative map or discretion s would reasonably use to access U.S. Hi	ary approval within SPA that w	ould place sensitive rec	ceptors along roadways that quarry
Enforcement: City of Folson	Community Development Department.			
Significance after Mitigation: 1.	ess than significant			
Cumulative Mitigation Measure	AIR-1-Land: Implement East Sacrament	o Regional Aggregate Mining	Fruck Management Plar	n or Other Measures to Reduce
Exposure of Sensitive Receptors	to Operational Emissions of Toxic Air (	Contaminants from Quarry Truc	<u>k Traffic.</u>	<u> </u>
The City of Folsom is a participation by the County of Sacramento, we project applicants. When the County of Sacramento applicants.	ant in the development of an East Sacram ith the input of the City of Folsom, the C punty Board of Supervisors approved entit	ento Regional Aggregate Minin ity of Rancho Cordova and othe tlements for the Teichert quarry	ng Truck Management I er interested parties, inc v project in November 2	Plan (TMP), a cooperative effort leading representatives of quarry 2010, it also adopted conditions of
IP (No Action/No Project) CD (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site	Water Facility Alternative)	RIM (Resource Impact Minimization
(Beneficial) NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Folsom South of U.S. Highway 50 Specific Plan FEIR/FEIS City of Folsom and USACE

	Summary of Impa	Table 1-1 acts and Mitigation Measur	res				
	Impact	Land/Water/GPA		Significance			
	Mitigation						
approval and a development agreen improvements required to improve jurisdictions that will be affected by amounts of annual aggregate sales f Gates, or Walltown quarry project a primary authority over the quarries. City's authority to control the activ improvements to accommodate qua Folsom considers itself a "responsil over some elements of a future TM agency role, the City would follow County for a TMP after such docum	the that requires Teichert's participation the compatibility of truck traffic from the quarry truck traffic. The development from Teichert's facility until a TMP is a pplicants as these projects are located whas has indicated that it intends to prepare ties of the quarry trucks includes restrict rry truck traffic, that would be applicable agency" (as that term is defined at S P, if such TMP calls for improvements the process specified in the CEQA Guid pentation is prepared and adopted by the	n in, and fair share funding of, ne quarries with the future urban agreement adopted by the Cou dopted. The City of Folsom dow within the unincorporated portion an environmental analysis in ac- ctions or other actions, such as the le within the City's jurisdiction tate CEQA Guidelines, CCR Sec- or other activities on roadways lelines for consideration and ap county. (State CEOA Guideli	a TMP to implement r n development in the I inty for the Teichert pr es not have direct juris on of the County. The cordance with CEQA the approval and imple al boundaries. For the ection 15381), in that i within the jurisdiction proval of the environr nes, CCR Section 150	oadway capacity and safety Folsom Specific Plan area and other oject imposes limits on the diction over the Teichert, DeSilva County, as the agency with the prior to adoption of a TMP. The ementation of specialized road foregoing reasons, the City of t has some discretionary power of the City. In a responsible mental analysis prepared by the 96.			
Because no final project description a TMP that might be proposed for i Accordingly, formulation of the pre- However, as the preferred, feasible, implement, or cause to be implement shall ensure that the TMP or traffic toxic air contaminant emissions to n Land Uses Adjacent to Major Road mitigation, the cumulative air qualit As an alternative (or in addition) to project applicant(s) (Teichert, DeSi	County for a TMP after such documentation is prepared and adopted by the County. (State CEQA Guidelines, CCR Section 15096.) Because no final project description for a TMP has been developed as of the completion of this FEIR/FEIS, the City would have to speculate as to those portions of a TMP that might be proposed for implementation within its jurisdiction, or the impacts that could arise from the implementation of as-yet uncertain components. Accordingly, formulation of the precise means of mitigating the potential cumulative air quality impacts pursuant to the TMP is not currently feasible or practical. However, as the preferred, feasible, and intended mitigation strategy to address the cumulative impacts of quarry truck traffic through the SPA, the City shall implement, or cause to be implemented those portions of the TMP (as described above) that are within its authority to control. In implementing the TMP, the City shall ensure that the TMP or traffic measures imposed by the City within the SPA reduce the risk of cancer to sensitive receptors along routes within the SPA from toxic air contaminant emissions to no more than 296 in one million (SMAQMD 2009. March. Recommended Protocol for Evaluating the Location of Sensitive Land Uses Adjacent to Major Roadways, Version 2.2:7), or such different threshold of significance mandated by SMAQMD or ARB at the time, if any. With this mitigation, the cumulative air quality impacts from truck toxic air contaminants would be less than significant. As an alternative (or in addition) to implementing the TMP within the SPA, the following measures could (and should) be voluntarily implemented by the quarry to implement (0) (Taichert Defile of Coton and Consit Wellknergh) to the define of the sense of the truck to the truck to the truck to the truck of the truck to the truck to the truck to truck to truck to the truck to truck to truck to truck to the truck to truck						
the 296-in-one-million threshold of	significance identified above. The City	encourages implementation of	the following measure	<u>es:</u>			
<ul> <li><u>A site-specific, project-level sc</u> <u>truck applicant(s) for all propo- identified in Table 4-4 as being</u> <u>standards set forth by SMAQM</u> <u>the receptors relative to the roa</u> <u>trucks), and emission rates reprincemental increase in cancer</u> <u>or ARB at the time, if any), the</u></li> </ul>	should meet with the City of Folsom to reening analysis and/or Health Risk As- sed sensitive receptors (e.g., residences, potentially significant under any of the D for the purpose of disclosure to the p dway, their distance from the roadway, esentative of the vehicle fleet for the yer risk determined by in the HRA exceeds n project design mitigation should be en	sessment (HRA) should be com- schools) in the SPA that would analyzed scenarios. Each projected future traffic volu- ar when the sensitive land uses 296 in one million (or a differe- mployed, which may include the	ducted by the City of I ducted by the City of I d be located along the ect-level analysis shall project-level analysis ume for the year 2030 would first become o ent threshold of signifi- e following:	Folsom and funded by the quarry sides of roadway segments that are be performed according to the shall account for the location of (including the proportion of diesel perational and/or occupied. If the cance recommended by SMAQMD			
NP (No Action/No Project) CD (Centralized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site W	/ater Facility Alternative)	RIM (Resource Impact Minimization)			

Table 1-1           Summary of Impacts and Mitigation Measures					
Impact	Land/Water/GPA	Significance			
Mitigation					
<ul> <li>Increase the setback distance between the roadway and affect based on the results of the HRA, the quarry truck applicant(s Folsom a fee that shall serve as compensation for lost develous shall be determined in consultation with the quarry project a Folsom. No quarry trucks shall be allowed to pass on any ro</li> <li>Implement tiered tree planting of fine-needle species, such a 500 feet in both directions of the initial planting (e.g., 500 feet mobile-source TACs associated with the adjacent roadway. trees reach maturity, which breaks the line of sight between affected sensitive land uses. This measure encourages the planting, cost, and ongoing maintenance of these trees shoul To immerse the indeer air conducts.</li> </ul>	eted receptor. If this mitigation measure is detern s) should pay the Folsom South of U.S. 50 Spectroppenent profit and lost City tax revenues, all as pplicant(s), the Folsom South of U.S. 50 Spectradway segment immediately adjacent to or with as redwood, along the near side of the roadway eet north and south of a roadway that runs east. These trees should be planted at a density such U.S. 50 and the proposed homes. These trees so anting of these trees in advance of the construct y. The life of these trees should be maintained id be funded by the quarry project applicant(s).	ermined by the City of Folsom to be necessary, ecific Plan project applicant(s) and the City of a determined by the parties. Said mitigation fee ific Plan project applicant(s), and the City of thin the SPA until said mitigation fees are paid. resegnents and, if feasible, along the roadway -west) to enhance the dispersion and filtration of n that a solid visual buffer is achieved after the should be planted before occupation of any ction of potentially affected receptors to allow through the duration of the quarry projects. The			
<ul> <li><u>equip all affected residences and school buildings devel</u></li> <li><u>mechanical air intake points to the interior rooms</u>:</li> </ul>	loped in the SPA with High Efficiency Particle	e Arresting (HEPA) filter systems at all			
<ul> <li>use the heating, ventilation, and air conditioning (HVA)</li> <li>locate air intake systems for HVAC as far away from ro</li> </ul>	C) systems to maintain all residential units und badway air pollution sources as possible; and	ler positive pressure at all times;			
- <u>develop and implement an ongoing education and main</u> <u>To the extent this indoor air quality mitigation would not already be in</u> <u>mitigation should be paid for by the quarry project applicant(s) before</u> residence or school within the SPA.	tenance plan about the filtration systems assoc implemented as part of the Folsom South of U. e any quarry trucks are allowed to pass on any	tiated with HVAC for residences and schools. S. 50 Specific Plan project development, this roadway that is within 400 feet of any			
Implementation: The project applicant(s) of the Folsom South of	U.S. 50 Specific Plan project.				
Timing: Prior to approval of first tentative map or discr trucks would reasonably use to access U.S. His	retionary approval within SPA that would place	e sensitive receptors along roadways that quarry			
Enforcement: City of Folsom Community Development Depa	artment.				

NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1 Summary of Impacts and Mitigation Measures Impact Land/Water/GPA Significance Mitigation **CUMULATIVE - NOISE** Compatibility of Sensitive Land Uses with the Ambient Noise Environment. The Land 60-dB L<sub>dn</sub>/CNEL noise contours for adjacent roadways (i.e., U.S. 50, White Rock Road, and Prairie City Road) with the inclusion of projected quarry truck trips completely encompass the SPA. Even considering that a typical 6-foot sound wall would reduce noise levels from approximately 5-6 dB and for each additional foot of wall another 1 dB (Caltrans 1998), and incorporating the maximum setback distance feasible, noise levels would still exceed applicable standards at those sensitive uses proposed as part of the project. Thus, the incremental contribution of the "Land" portion of the project to this significant cumulative impact would be cumulatively considerable. Cumulative Mitigation Measure Noise-1-Land: Implement Measures to Reduce Exposure of Sensitive Receptors to Increased Traffic Noise Levels from **Ouarry Truck Traffic.** The City of Folsom does not have direct jurisdiction over the Teichert, DeSilva Gates, or Walltown quarry project applicants as these projects are located within the unincorporated portion of the County of Sacramento. The City's authority to control the activities of the quarry trucks includes restrictions or actions that would be applicable within the City's jurisdictional boundaries. For example, the City could designate truck routes through the City consistent with California Vehicle Code section 21101(c), including truck routes in the Folsom South of U.S. 50 project area, so as to prohibit or limit quarry trucks' use of City roads adjacent to areas where projected truck traffic volumes would otherwise result in exposure of sensitive receptors to operational noise from quarry truck traffic and/or traffic safety hazards. If this approach is selected by the City, then prior to the approval of the first tentative subdivision map or any other discretionary approval that would place sensitive receptors along any roads the guarry trucks could use to access U.S. 50, the City's traffic department and consultants shall analyze and propose to the City Council for approval designated truck routes from the quarries through City jurisdiction to access U.S. 50 that would allow a level of truck traffic that would avoid any potentially significant impact on sensitive receptors from truck traffic noise within the Folsom South of U.S. 50 project area, as well as any other existing or planned uses that would contain sensitive receptors, so as to ensure that sensitive receptors are not exposed to interior noise levels in excess of 45 dBA, or increases in interior noise levels of 3 dBA or more, whichever is more restrictive. As an alternative to designating truck routes, the following measures could be voluntarily implemented by the quarry project applicant(s) (Granite [Walltown], Teichert, and DeSilva Gates) to reduce exposure of new sensitive receptors developed in the SPA to increases in traffic noise levels generated by quarry truck traffic, and are encouraged. The quarry project applicant(s) should meet with the City of Folsom to discuss mitigation strategies, implementation, and cost. ► A site specific, project level screening analysis should be conducted by the City of Folsom and funded by the quarry truck applicant(s) for all proposed sensitive receptors (e.g., residences, schools) in the SPA that would be located along the sides of roadway segments that are identified in Table 4-8 as being potentially significant under any of the analyzed scenarios. The analysis should be conducted using an approved three dimensional traffic noise modeling program (i.e., TNM or SoundPlan). Each project level analysis should be performed according to the standards set forth by the City of Folsom for the purpose

NP (No Action/No P	roject)	NCP (No USACE Permit)	PP (Proposed Project)		RIM (Resource Impact Minimization)
CD (Centralized Dev	velopment)	RHD (Reduced Hillside Development)	PA (Preferred Off-site Water Facility Alternative)		
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)

Table 1-1           Summary of Impacts and Mitigation Measures					
Impa	ct	Land/Water/GPA		Significance	
Miti	gation				
of disclosure to the public and decisio distance from the roadway, and the pr traffic noise levels are determined to c which may include the following:	n makers. The project level and ojected future traffic volume fo exceed the threshold of significa	lysis should account for the loca r the year 2030 (including the p ance recommended by the City o	ation of the receptors re ercentage of heavy truel of Folsom, then design r	lative to the roadway, their (s). If the incremental increase in nitigation should be employed,	
<ul> <li>Model the benefits of soundwalls eight feet (two foot berm and six- three dimensional traffic noise mo quarry trucks should be allowed t the City of Folsom and fees for co</li> </ul>	(berm/wall combination) along foot concrete mason wall). If the odeling should be conducted with o pass on any roadway segment construction of said mitigation and	the quarry truck hauling roadw his mitigation measure is determ th the inclusion of rubberized ar immediately adjacent to or wit e paid by the quarry truck appli	ays and affected recepto ined by the City of Fols sphalt at the expense of hin the SPA until said n cant(s).	ors not to exceed a total height of om to be inadequate, additional the quarry truck applicant(s). No nitigation has been agreed upon by	
<ul> <li>Implement the installation of rubb soundwalls do not provide adequat noise reduction. The cost of const determined in consultation with the quarry trucks should be allowed to</li> </ul>	Derized asphalt (quiet pavement ate reduction of traffic noise lev truction using rubberized aspha he quarry project applicant(s), t o pass on any roadway segment	) on roadway segments adjacent els. The inclusion of rubberized It should be borne by the quarry the Folsom South of 50 Specific immediately adjacent to or wit	t to sensitive receptors t l asphalt would provide truck applicant(s). Said Plan project applicant(s hin the SPA until said n	hat carry quarry trucks if an additional 3 to 5 dB of traffic mitigation fee should be ), and the City of Folsom. No nitigation fees are paid.	
To improve the indoor noise level	ls at affected receptors, implem	ent the following measures befo	ore the occupancy of the	affected residences and schools:	
<ul> <li>Conduct an interior noise and window package at second and</li> </ul>	alysis once detailed construction nd third floor receptors to achie	Plans of residences adjacent to ve the interior noise level stands	affected roadways are a ard of 45 dB L <sub>du</sub> withou	wailable to determine the required	
Determine the interior quarry quarry truck conditions. Win affected roadways. Quarry tr windows) required to achieve	rtruck traffic noise level increased of the second seco	ses at second and third floor rec acted to be necessary due to the the cost of window package up a of 45 dB L <sub>dn</sub> with the inclusic	eptors adjacent to affect traffic noise level increa grades (increased sound m of quarry truck traffic	ed roadways compared to no uses caused by quarry trucks along transmission class rated	
Implementation: The project applicar	nt(s) of the Folsom South of 50-	Specific Plan project.	1 5		
Timing: Prior to approval of trucks would reason	first tentative map or discretion ably use to access U.S. Highwa	a <mark>ry approval within SPA that w</mark> <del>w 50.</del>	ould place sensitive ree	eptors along roadways that quarry	
Enforcement: City of Folsom Con	munity Development Departm	ent.			
Significance after Mitigation: less than si	ignificant				
<b>Cumulative Mitigation Measure NO</b>	ISE-1-Land: Implement Ea	ast Sacramento Regional A	ggregate Mining Tru	ick Management Plan or	
<b>Other Measures to Reduce Exposure</b>	e of Sensitive Receptors to	Operational Noise from Qu	arry Truck Traffic.		
The City of Folsom is a participant in t	the development of an East S	acramento Regional Aggrega	ate Mining Truck Mar	nagement Plan (TMP), a	
cooperative effort led by the County of Sacramento, with the input of the City of Folsom, the City of Rancho Cordova and other interested parties,					
including representatives of quarry pro	oject applicants. When the Co	ounty Board of Supervisors a	pproved entitlements	for the Teichert quarry project	
IP (No Action/No Project) NCP CD (Centralized Development) RHD	9 (No USACE Permit) 9 (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimization)	
(Beneficial) NI (No impact) LT	S (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)	

	Table 1-1           Summary of Impacts and Mitigation Measures					
1	Imp	act	Land/Water/GPA		Significance	
	Mi	tigation				
	in November 2010, it also adopted co funding of, a TMP to implement road with the future urban development in adopted by the County for the Teicher adopted. The City of Folsom does not projects are located within the uninco indicated that it intends to prepare an the activities of the quarry trucks inclu- to accommodate quarry truck traffic, Folsom considers itself a "responsible discretionary power over some eleme of the City. In a responsible agency r environmental analysis prepared by th Guidelines, CCR Section 15096.) Because no final project description f those portions of a TMP that might be as-yet uncertain components. Accordin	nditions of approval and a deve way capacity and safety impro- the SPA and other jurisdictions rt project imposes limits on the t have direct jurisdiction over the rporated portion of the County environmental analysis in acco- udes restrictions or other action that would be applicable within e agency" (as that term is define- nts of a future TMP, if such TM ole, the City would follow the ne County for a TMP after such or a TMP has been developed a e proposed for implementation ingly, formulation of the precis	elopment agreement that required to improve s that will be affected by qua amounts of annual aggregather Teichert, DeSilva Gates, The County, as the agency ordance with CEQA prior to as, such as the approval and the City's jurisdictional bo ed at State CEQA Guideline AP calls for improvements of process specified in the CEQ a documentation is prepared as of the completion of this I within its jurisdiction, or the e means of mitigating the po-	uires Teichert's parti e the compatibility of arry truck traffic. The te sales from Teicher or Walltown quarry p with the primary aut adoption of a TMP. 7 implementation of sp undaries. For the fore ss, CCR Section 1538 or other activities on r QA Guidelines for co and adopted by the C FEIR/FEIS, the City y e impacts that could a otential cumulative no	cipation in, and fair share ciruck traffic from the quarries a development agreement t's facility until a TMP is project applicants as these hority over the quarries, has The City's authority to control pecialized road improvements egoing reasons, the City of 1), in that it has some oadways within the jurisdiction nsideration and approval of the County. (State CEQA would have to speculate as to rrise from the implementation of pise impacts pursuant to the	
	<u>authority reasible of practice</u> <u>quarry truck traffic through the SPA</u> , <u>within its authority to control. In impl</u> <u>reduce the traffic noise exposure to se</u> <u>noise levels in excess of 45 dBA, or in</u> <u>cumulative noise impacts from truck to the truck to</u>	the City shall implement, or ca lementing the TMP, the City sh ensitive receptors along routes ncreases in interior noise levels traffic would be less than signi-	and intended miti use to be implemented those all ensure that the TMP or t within the SPA so as to ensure of 3 dBA or more, whichev ficant	gation strategy to add e portions of the TMI raffic measures impo ire that sensitive rece ver is more restrictive	<u>P (as described above) that are</u> sed by the City within the SPA ptors are not exposed to interior with this mitigation, the	
	As an alternative (or in addition) to in by the quarry project applicant(s) (Te noise generated by quarry truck traffic encourages implementation of the fol	nplementing the TMP within the ichert, DeSilva Gates, and Gran c would not exceed 45 dBA or lowing measures:	the SPA, the following measure nite [Walltown]) to help ensite increase of 3 dBA over exitent of the discuss mitigation strategies of the strategies of th	ures could (and shoul ure interior noise leve sting conditions, as ic	d) be voluntarily implemented els for sensitive receptors to lentified above. The City	
; ]	<ul> <li><u>A site-specific, project-level screenir</u> sensitive receptors (e.g., residences, potentially significant under any of the</li> </ul>	ng analysis should be conducted by schools) in the SPA that would be he analyzed scenarios. The analys	y the City of Folsom and funde located along the sides of road is should be conducted using a	ed by the quarry truck a lway segments that are n approved three dimen	<u>st.</u> pplicant(s) for all proposed identified in Table 4-8 as being sional traffic noise modeling	
i	NP (No Action/No Project)NCCD (Centralized Development)RH	P (No USACE Permit) D (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site V	Vater Facility Alternative)	RIM (Resource Impact Minimization)	
	B (Beneficial) NI (No impact) L	TS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)	

1-194

Folsom			Summary of Imp	Table 1-1 acts and Mitigation Measures	
Sout			Impact	Land/Water/GPA	Significance
h of L			Mitigation		
of U.S. Highway 50 Specific Plan FEIR/FEIS ۱ and USACE 1-195		brogram (i.e., TNM or S of disclosure to the public distance from the roadway raffic noise levels are de which may include the for Model the benefits of so feet (two-foot berm and dimensional traffic noise rucks should be allowed Folsom and fees for cons implement the installation do not provide adequate The cost of construction with the quarry project a allowed to pass on any re Conduct an interior required window p	Mitigation bundPlan). Each project-level analysis should c and decision makers. The project-level ana by, and the projected future traffic volume for termined to exceed the threshold of significa- bilowing: undwalls (berm/wall combination) along the six-foot concrete mason wall). If this mitigati- modeling should be conducted with the incli- to pass on any roadway segment immediated truction of said mitigation are paid by the qu n of rubberized asphalt (quiet pavement) on reduction of traffic noise levels. The inclusio using rubberized asphalt should be borne by oplicant(s), the Folsom South of U.W. 50 Sp badway segment immediately adjacent to or bise levels at affected receptors, implement the noise analysis once detailed construction backage at second and third floor recepto	I be performed according to the standards s lysis should account for the location of the r the year 2030 (including the percentage of nce recommended by the City of Folsom, the quarry truck hauling roadways and affected on measure is determined by the City of Folsom, the usion of rubberized asphalt at the expense y adjacent to or within the SPA until said the arry truck applicant(s). roadway segments adjacent to sensitive recond n of rubberized asphalt would provide an a the quarry truck applicant(s). Said mitigati ecific Plan project applicant(s), and the City within the SPA until said mitigation fees ar ne following measures before the occupance n plans of residences adjacent to affect rs to achieve the interior noise level sta	set forth by the City of Folsom for the purpose receptors relative to the roadway, their f heavy trucks). If the incremental increase in then design mitigation should be employed, d receptors not to exceed a total height of eight olsom to be inadequate, additional three of the quarry truck applicant(s). No quarry mitigation has been agreed upon by the City of eeptors that carry quarry trucks if soundwalls idditional 3 to 5 dB of traffic noise reduction. on fee should be determined in consultation y of Folsom. No quarry trucks should be e paid. ey of the affected residences and schools: ed roadways are available to determine the ndard of 45 dB Ldn without quarry trucks.
Revisions to the DI	<ul> <li>Determine the interior quarry truck traffic noise level increases at second and third floor receptors adjacent to affected roadwate to no quarry truck conditions. Window package upgrades are expected to be necessary due to the traffic noise level increases quarry trucks along affected roadways. Quarry truck applicant(s) should pay for the cost of window package upgrades (increase transmission class rated windows) required to achieve the interior noise level standard of 45 dB Ldn with the inclusion of quarry truck applicant to achieve the interior noise level standard of 45 dB Ldn with the inclusion of quarry to the extent this noise mitigation would not already be implemented as part of the Folsom South of U.W. 50 Specific Plan p development, this mitigation should be paid for by the quarry project applicant(s) before any quarry trucks are allowed to past roadway that is within 400 feet of any residence or school within the SPA.</li> <li>Implementation: The project applicant(s) of the Folsom South of U.S. 50 Specific Plan project.</li> <li>Timing: Prior to approval of first tentative map or discretionary approval within SPA that would place sensitive receptors at that quarry trucks would reasonably use to access U.S. 50.</li> <li>Enforcement: City of Folsom Community Development Department.</li> </ul>				
AECOM	IP (No Ac D (Centra	tion/No Project) alized Development)	NCP (No USACE Permit) RHD (Reduced Hillside Development)	PP (Proposed Project) PA (Preferred Off-site Water Facility	RIM (Resource Impact Minimization)

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NP (No Action/No Project)		NCP (No USACE Permit)	PP (Proposed Projec	t)	RIM (Resource Impact Minimization)
CD (Centralized Development)		RHD (Reduced Hillside Development)	PA (Preferred Off-site	9 Water Facility Alternative)	
B (Beneficial)	NI (No impact)	LTS (Less than significant)	PS (Potentially significant)	S (Significant)	SU (Significant and unavoidable)