

FINAL ENVIRONMENTAL IMPACT REPORT
FOR THE
**WEST ROSEVILLE SPECIFIC PLAN AND
SPHERE OF INFLUENCE AMENDMENT**

Mitigation Monitoring Program

Prepared for
City of Roseville

Prepared by
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January 9, 2004

MITIGATION MONITORING PROGRAM FOR WEST ROSEVILLE SPECIFIC PLAN AND SPHERE OF INFLUENCE AMENDMENT

INTRODUCTION

Section 15097 of the California Environmental Quality Act (CEQA) requires that all State and local agencies establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of an Environmental Impact Report (EIR).

The mitigation monitoring program (MMP) contained herein is intended to satisfy the requirements of CEQA as it relates to the West Roseville Specific Plan (WRSP) and Sphere of Influence Amendment EIR. This MMP is intended to be used by City Staff and mitigation monitoring personnel to ensure compliance with mitigation measures during project implementation. Mitigation measures identified in this MMP were developed in the Draft EIR prepared for the proposed project.

The Final EIR for the proposed project presents a detailed set of mitigation measures applicable to implementation of the West Roseville Specific Plan. In addition, the EIR includes program-level mitigation measures for the Remainder Area (the area outside of the West Plan that is only the subject of a sphere of influence amendment at this time). The mitigation measures were initially developed during preparation of the Draft EIR (September 15, 2003) and, in some cases, were refined during preparation of the Final EIR (January 9, 2004).

The intent of the MMP is to ensure the effective implementation and enforcement of all adopted mitigation measures. The MMP will provide for monitoring of construction activities, as necessary, and in-the-field identification and resolution of environmental concerns.

MITIGATION MONITORING PROGRAM DESCRIPTION

Compliance

The City of Roseville will coordinate monitoring activities and document the implementation of mitigation measures. The table below identifies the mitigation measures, the monitoring actions, the implementing entities, the responsible parties for monitoring actions, and the timing of mitigation actions. The entity identified as having implementing responsibility has the primary duty to execute the mitigation measure. For mitigation measures relating to the WRSP, “the applicants” shall refer to Westpark Associates and Signature Properties. For mitigation measures relating to the Remainder Area,

“the applicants” shall refer to any entity that seeks entitlements for development of a project in the Remainder Area. In some instances this may require contracting for specialized consultant services. In instances where the implementing responsibility is shared between the City and Construction Contractors, the City would be responsible for ensuring that mitigation requirements are implemented.

Field Monitoring of Mitigation Measures

Prior to the issuance of grading and building permits, while detailed development plans are being prepared for approval by City staff, City staff will be responsible for ensuring compliance with mitigation monitoring applicable to the project design phase.

During construction and following the project, the City’s Public Works Department will assign inspectors who will be responsible for monitoring the implementation of the mitigation measures. The inspectors will report to the City’s Public Works Department and will be thoroughly familiar with mitigation measures in the MMP. In addition, the inspectors will be familiar with construction contract requirements, schedules, standard construction practices, and mitigation techniques. The City will be responsible for onsite, day-to-day monitoring of construction activities, reviewing construction plans and equipment staging/access plans to ensure conformance with adopted mitigation measures. The City will also have the authority to enforce mitigation measures by suspending particular construction activities.

Once construction has been completed, the City will monitor the project as necessary.

If any mitigation measures are not being implemented, the City may pursue corrective action. Penalties that may be applied include, but are not limited to, the following: (1) a written notification and request for compliance; (2) withholding of permits; (3) administrative fines; (4) a stop-work order; (5) criminal prosecution and/or administrative fines; (6) forfeiture of security bonds or other guarantees; (7) revocation of permits or other entitlements.

Changes to Mitigation Measures

Any substantive change in the monitoring plan made by City staff shall be reported in writing to the Planning Department. Modifications to the mitigation measures may be made by City staff subject to one of the following findings, documented by evidence included in the record:

- a. The mitigation measure included in the Final EIR and the Mitigation Monitoring Program is no longer required because the significant environmental impact identified in the Final EIR has been found not to exist, or to occur at a level which makes the impact less than significant as a result of changes in the project, changes in conditions of the environment, or other factors.

OR

- b. The modified or substitute mitigation measure to be included in the Mitigation Monitoring Program provides a level of environmental protection equal to or greater than that afforded by the mitigation measure included in the Final EIR and the Mitigation Monitoring Program; and the modified or substitute mitigation measures do not have significant adverse effects on the environment in addition to or greater than those which were considered by the responsible hearing bodies in their decisions on the Final EIR and the proposed project; and the modified or substitute mitigation measures are feasible, and the City, through measures included in the Mitigation Monitoring Program or other City procedures, can ensure their implementation.

Findings and related documentation supporting the findings involving modifications to mitigation measures shall be maintained in the project file with the Mitigation Monitoring Program and shall be made available to the public upon request.

Mitigation Monitoring Program

The table presented on the following pages provides the MMP for the proposed project. The MMP identifies (1) an explanation of each impact by issue area, summarized as an impact statement; (2) the full text of the statement mitigation measure(s) applicable to each impact statement; (3) the method and/or process by which the mitigation measure will be implemented; (4) the timing of implementation of each mitigation measure; and (5) the party responsible for ensuring implementation of each mitigation measure.¹

¹ Under "Reviewing Party," the term "Applicant" or "Landowner" refers to West Roseville Development Company, Inc. (formerly Signature Properties) and 1600 Placer Investors, Inc. (as managed by Westpark Associates).

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|---|---|--|--|
| 4.1 Land Use and Agricultural Resources | | | | |
| <p>Impact 4.1-1: Potential incompatibility of internal land uses.</p> | <p>WRSP Area MM 4.1-1: Deed Disclosure</p> <p>In order to reduce conflicting issues between sensitive receptors and agricultural uses, residential units within 500 feet of the orchard or any other active agricultural use shall be provided with a deed disclosure or similar notice approved by the City Attorney regarding the proximity and nature of neighboring agricultural uses. This disclosure shall be applied at the tentative map stage to the affected properties. A written disclosure shall be supplied to the property purchaser or renter by the vendor prior to the completion of the purchase or rental agreement. The text of the disclosure language shall be approved by the City Attorney.</p> <p>To ensure that residents are made aware of other land uses in proximity to their respective neighborhoods, the developers shall also provide through deed disclosure or other similar notice approved by the City Attorney; the temporary truck route to the PGWWTP and Roseville Energy Park, use of recycled water, proximity to the PGWWTP, proximity to the potential Roseville Energy Park, proximity to parks and schools that may generate noise and light, and proximity to overhead power lines.</p> <p>To further mitigate noise and lighting impacts, MM 4.5-1, MM 4.5-5, MM 4.5-6, MM 4.5-8, MM 4.13-1(a) and MM 4.13-1(b) from Section 4.5 (Noise) and Section 4.13 (Aesthetics and Visual Quality) would be required to mitigate Impact 4.1-1. Refer to the Noise and Aesthetics and Visual Quality sections below for a discussion of these mitigation measures.</p> | <p>At the time of the approval of the first small lot tentative map, the applicant shall provide deed disclosures which shall be incorporated into the final map and thereafter into any deed for residential lots within 500 feet of active agricultural uses applied at the tentative map stage to the affected properties.</p> | <p>Prior to sale of the property to homeowner.</p> | <p>City Attorney and the Planning Director will ensure that mitigation measures are implemented</p> |
| | <p>Remainder Area Potential land use compatibility impacts</p> <p>MM 4.1-2: Policies to Minimize Agricultural Impacts</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall minimize conflicts between residential and agricultural uses. Measures to ensure compatibility could include (1) deed disclosure regarding the proximity and nature of neighboring agricultural uses for future residential units within 500 feet of any active agricultural use, (2) minimum 50-foot setbacks from residential structures and agricultural uses, (3) negative easements, and/or (4) other equally effective measures.</p> <p>To further mitigate noise and lighting impacts, MM 4.5-2 (Construction noise policies), MM 4.5-4 (Commercial noise policies), MM 4.5-7 (School noise policies), MM 4.5-9 (Park noise policies), and MM 4.13-2 (Light and glare policies) would be required to mitigate Impact 4.1-1. Refer to the Noise and Aesthetics and Visual Quality sections below for a discussion of these mitigation measures.</p> | <p>Impacts would be reduced throughThe Applicant shall include site-specific design measures, such as setbacks, landscape buffers, building orientation, and appropriate design features, required through the specific plan and environmental review process required before development in the Remainder Area is allowed to move forward.</p> | <p>Specific Plans would be required prior to approval of annexation, deed disclosures would be required at the tentative map stage</p> | <p>The Planning Director shall ensure that uses are compatible. The Code Enforcement Inspector shall respond to nuisance complaints.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|---|---|--|
| <p>Impact 4.1-2: Potential incompatibility with existing agricultural and other land uses in the remainder area, the County, and the City of Roseville.</p> | <p>WRSP Area Refer to MM 4.1-1: Deed Disclosure MM 4.1-3: Provide 50-foot Setback Agricultural land is located north of the WRSP (Fiddymont Ranch property). Residential uses shall be separated by a minimum 50-foot buffer from living structures on Parcels F-13 and F-14 abutting existing agricultural lands in the northeast corner of the Fiddymont property. The buffer could include roads, landscape corridors, and rear yard setbacks.</p> | <p>Setbacks The Applicant shall show the required buffer on the Tentative map for lots F-13 and F-14.</p> | <p>Prior to issuance of building permits</p> | <p>Public Works Director and Planning Director shall ensure that the 50-foot setback is identified on the map.</p> |
| | <p>Remainder Area Refer to MM 4.1-2: Policies to Minimize Agricultural Impacts</p> | | | |
| <p>Impact 4.1-4: Conversion of agricultural land to developed uses.</p> | <p>WRSP Area MM 4.1-4: Provide Conservation Easement The development in the WRSP Area shall minimize loss of agricultural land. This shall be achieved through off-site acquisition of conservation easement(s) prior to approval of the 500th building permit.</p> | <p>The applicants shall be required to acquire off-site conservation easements to be maintained in perpetuity consistent with any applicable Clean Water Act 404 permits or agreements with the California Department of Fish and Game.</p> | <p>The conservation easement(s) shall be acquired prior to approval of the 500th building permit a Signature property.</p> | <p>The Public Works Director, the Planning Director, and the Community Development Department Environmental Coordinator shall ensure that the conservation easement is in place prior to proceeding past approval of the 500th building permit.</p> |
| 4.2 Population, Employment and Housing | | | | |
| <p>Impact 4.2-2: Provision of affordable housing</p> | <p>Remainder Area MM 4.2-1: Affordable Housing Program Specific Plans and/or other development proposals for the Remainder Area shall demonstrate that 10 percent of the exact dwelling unit counts would be reserved for very low-, low-, and middle-income levels. Consistent with City policy, at the time specific development is proposed within the Remainder Area, a minimum of 10 percent of the exact dwelling unit counts shall be reserved for very low-, low-, and middle-income levels.</p> | <p>Prior to annexation of the Remainder Area, Specific Plans and corresponding Development Agreements will be required that include affordable units consistent with City policy.</p> | <p>Prior to annexation</p> | <p>Planning Director and Economic and Community Services Director shall review specific plans and development agreements to ensure consistency with the City's affordable housing goals.</p> |
| <p>Impact 4.2-3: Displacement of existing housing.</p> | <p>WRSP Area MM 4.2-2: Relocation Assistance The City shall provide relocation assistance and make all of the payments required by Chapter 16 (Commencing with Section 7260) of Division 7 of Title 1 of the Government Code, including the making of such payments financed by the federal government.</p> | <p>The City shall provide relocation assistance concurrent with property acquisition.</p> | <p>Prior to construction</p> | <p>The City Attorney shall ensure that relocation assistance and payments are made in compliance with Federal and state law.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|---|---|---|--|
| | <p>Remainder Area Refer to MM 4.2-2: Relocation Assistance</p> | | | |
| 4.3 Transportation and Circulation | | | | |
| <p>Impact 4.3-1: Increased traffic on City of Roseville roadways.</p> | <p>SOI Area The mitigation measure(s) identified for Impact 4.3-1 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-1, which is provided below.</p> |
| | <p>WRSP Area MM 4.3-2(a-d): Fair Share Policies for Improvements in the CIP at the Following City Intersections</p> <ul style="list-style-type: none"> ▪ Diamond Creek/Blue Oaks ▪ Fiddymment Road/Baseline Road ▪ Foothills Boulevard/Blue Oaks Boulevard ▪ Fiddymment Road/Pleasant Grove Boulevard <p>As new Specific Plans and/or development proposals are approved in the WRSP Area, the CIP shall be revised to include the following improvements to be funded by new development through payment of traffic mitigation fees.</p> <p>(a) Intersection of Diamond Creek/Blue Oaks Boulevard: Add 3rd eastbound and westbound through lanes to the intersection of Diamond Creek and Blue Oaks Boulevard (requires widening of Blue Oaks Boulevard from Woodcreek Oaks to west of Diamond Creek). This mitigation measure would result in LOS C.</p> <p>(b) Intersection of Fiddymment Road/Baseline Road: Add 2nd northbound left-turn lane, add 2nd southbound left-turn lane, to the intersection of Fiddymment Road and Baseline Road. This mitigation measure would result in LOS D.</p> <p>(c) Intersection of Foothills/Blue Oaks Boulevard: Add 3rd southbound through lane, add 3rd northbound left-turn lane and add 4th westbound through lane to the intersection of Foothills Boulevard and Blue Oaks Boulevard. This mitigation measure would result in LOS D.</p> <p>(d) Intersection of Fiddymment Road/Pleasant Grove Boulevard: Add 3rd southbound and 3rd northbound through lanes. This mitigation measure would result in LOS C.</p> | <p>The Development Agreements between Applicants and the City require the city to update the CIP and the Applicants to pay fair share fees.</p> | <p>In accordance with Development Agreements, the traffic mitigation fees shall be paid on a pro-rata basis prior to the issuance of any building permit.</p> | <p>City of Roseville Public Works Director shall ensure that the mitigation measures are implemented. The Public Works Director will oversee the CIP and ensure that improvements are implemented in a timely fashion.</p> |

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| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---------------|--|--|---|---|
| | <p>The WRSP would develop over a period of years. Therefore the impacts to these intersections would occur over a long period of time. As with other improvements in the 2020 CIP, the City will monitor traffic conditions and determine when specific improvements are needed. The City of Roseville's traffic impact fees shall be revised to include the WRSP. The applicants shall contribute the WRSP's fair share of the cost of these improvements through payment of the updated traffic impact fees at the time of building permits.</p> <p>Construction of the above intersection improvements would result in temporary increases in construction noise and dust, as well as the potential loss of or degradation to biological and cultural resources, and increased urban runoff. The exact impacts cannot be determined at this time because the roadway design has not been determined. When the City updates the CIP to include these improvements, the area of disturbance will be evaluated for such impacts, as required by CEQA. In addition, impacts on air quality, noise and water quality will need to be evaluated. Because the intersections to be improved are within the City, the potential for impacts on biological and cultural resources is likely to be insubstantial, and could be mitigated with measures similar to those identified in this EIR. Impacts related to erosion, noise and air emissions would be temporary, and typically are mitigable during construction.</p> | <p>The Community Development Department Environmental Coordinator would ensure that appropriate environmental review of any City roadway projects occurs prior to construction.</p> <p>The Environmental Utilities National Pollution Discharge Elimination (NPDES) Coordinator shall ensure that measures are implemented to reduce impacts.</p> | <p>Prior to approval of updated CIP.</p> | <p>Public Works Director, Environmental Coordinator and NPDES Coordinator will ensure that measures are incorporated, and improvements implemented</p> |
| | <p>Remainder Area</p> <p>MM 4.3-1(a-f): Pay Fair Share of Improvements in the CIP Including Improvements to the Following City Intersections</p> <ul style="list-style-type: none"> ▪ Diamond Creek/Blue Oaks Boulevard ▪ Fiddymment Road/Baseline Road ▪ Foothills Boulevard/Blue Oaks Boulevard ▪ Woodcreek Oaks/Blue Oaks Boulevard ▪ Sierra Gardens/Douglas Road ▪ Watt Avenue/Baseline Road <p>The following roadway improvements would be necessary to achieve acceptable service levels under the 2020 Plus SOI Amendment scenario.</p> <p>(a) Intersection of Diamond Creek/Blue Oaks Boulevard: Add 3rd eastbound and westbound through lanes to the intersection of Diamond Creek and Blue Oaks Boulevard (requires widening of Blue Oaks Boulevard from Woodcreek Oaks to west of Diamond Creek) and restripe southbound approach to one southbound left/through/right lane and one southbound left-only lane. This mitigation measure would result in LOS C.</p> <p>(b) Intersection of Fiddymment Road/Baseline Road: Add 2nd southbound left-turn lane and 2nd northbound left-turn lane, add 3rd southbound through lane and add 3rd northbound through lane to the intersection of Fiddymment Road and Baseline Road. This mitigation measure would result in LOS D.</p> <p>(c) Intersection of Foothills Boulevard/Blue Oaks Boulevard: Add 3rd</p> | <p>Prior to annexation within the Remainder Area Specific Plans and environmental review will be required to more specifically identify potential transportation impacts and improvements.</p> <p>The applicants shall enter into agreement(s) with the City of Roseville to make a fair share contribution towards the preparation of required improvements. Documentation of the agreement shall be submitted to the Public Works Director prior to issuance of final occupancy clearance.</p> | <p>Prior to annexation.</p> <p>Payment of fees in accordance with agreement(s).</p> <p>The traffic mitigation fees shall be paid on a pro-rata basis prior to issuance of any building permits.</p> | <p>The Planning Director and Public Works Director will ensure that specific plans are prepared that adequately identify needed transportation infrastructure to serve the Remainder Area. The Public Works Director shall ensure that any projects within the Remainder Area fund their portion of the improvements.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|--|--|--|
| | <p>southbound through, add 3rd northbound left-turn lane, and 4th westbound through lane to the intersection of Foothills Boulevard and Blue Oaks Boulevard. This mitigation measure would result in LOS D.</p> <p>(d) Intersection of Woodcreek Oaks/Blue Oaks Boulevard: Add 2nd northbound left-turn lane and 2nd southbound left-turn lane to the intersection of Woodcreek Oaks and Blue Oaks Boulevard. This mitigation measure would result in LOS C</p> <p>(e) Intersection of Sierra Gardens/Douglas Boulevard: Add westbound right turn only lane to the intersection of Sierra Gardens and Douglas Boulevard. This mitigation measure would result in LOS C.</p> <p>(f) Intersection of Watt Avenue/Baseline Road: Add 3rd northbound and add 3rd southbound through lane. This mitigation measure would result in LOS D.</p> <p>The SOI Amendment Area would develop over a period of years. Therefore, the impacts on these intersections would occur over a period of time. As with other improvements in the 2020 CIP, the City will monitor traffic conditions and determine when specific improvements are needed. The City of Roseville’s traffic impact fees should be revised to include the SOI Amendment Area. Specific Plans and/or development proposals shall provide for fair share contributions of the cost of the improvement through the updated traffic impact fees.</p> <p>As discussed above, construction of intersection improvements could have impacts on biological and cultural resources, air quality, water quality, and noise levels. These impacts will be evaluated as part of the CIP update to incorporate the adopted mitigation. Such impacts are not anticipated to be substantial as they would occur in an urban area and/or would be temporary.</p> | | | |
| <p>Impact 4.3-3: Increased traffic on Placer County roadways.</p> | <p>SOI Area The mitigation measure(s) identified for Impact 4.3-3 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-3, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-3, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-3, which is provided below.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--------|--|--|--|---|
| | <p>WRSP Area</p> <p>MM 4.3-3(a-c): Construct Identified Roadway Improvements on Placer County Roadways and Limit Access to Phillip Road</p> <p>(a) Walerga Road: Widen Walerga Road between Baseline Road and PFE road from four to six lanes. Based on Placer County's roadway segment capacities, this mitigation measure would result in LOS C or better conditions.</p> <p>(b) Watt Avenue: Widen Watt Avenue between Baseline Road and PFE Road from four to six lanes. Based on Placer County's roadway segment capacities, this mitigation measure would result in LOS C or better conditions on this segment of Watt Avenue.</p> <p>(c) Phillip Road: Blue Oaks Boulevard shall not be opened to through traffic between Realigned Phillip Road and West Side Drive until a north/south connection is constructed from West Side Drive to Baseline Road.</p> <p>By limiting through traffic on Blue Oaks Boulevard from Phillip Road to West Side Drive until an additional north/south connection is available, the City will ensure that volumes on the portion of Phillip Road in the County will meet County standards for rural roadways.</p> <p>Implementation of MM 4.3-3 (a) through (c) would reduce these impacts to a less-than-significant level; however, these improvements lie outside the jurisdiction of the City of Roseville. Placer County can implement the suggested mitigation measures, but may choose not to. If the improvements are not made, levels of service would remain as shown in Table 4.3-21 (page 4.3-68 of the Final EIR) and Table 4.3-22 (page 4.3-85 of the Final EIR). The City of Roseville will monitor traffic volumes and coordinate with the County to consider and implement additional operational measures/restrictions if needed as the plan develops.</p> | <p>The City and Placer County shall implement a regional traffic fee to fund the identified improvements. Applicants within the WRSP will be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements. Placer County will be responsible for overseeing the improvements.</p> | <p>Payment of fees by the applicants at the time of building permits issuance.</p> | <p>Placer County Public Works Director and the City Public Works Director will ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|--|--|---|---|
| | <p>Remainder Area</p> <p>MM 4.3-4(a-g): Construct Identified Improvements on Placer County Roadways</p> <p>Placer County should construct the following roadway improvements:</p> <ul style="list-style-type: none"> (a) Fiddymont Road: Widen Fiddymont Road between the North Roseville City limit and Sunset Boulevard from two to four lanes. Based on Placer County’s roadway segment capacities, this mitigation measure would result in LOS A. (b) Walerga Road: Widen Walerga Road between Baseline Road and PFE road from four to six lanes. Based on Placer County’s roadway segment capacities, this mitigation measure would result in LOS C or better conditions. (c) Watt Avenue: Widen Watt Avenue between Baseline Road and PFE Road from four to six lanes. Based on Placer County’s roadway segment capacities, this mitigation measure would result in LOS C or better conditions on this segment of Watt Avenue. (d) Phillip Road: Improve Phillip Road outside of the WRSP to Placer County Rural Collection Standards. This includes wider cross-section and potentially paved shoulders. (e) Intersection of Watt Avenue/PFE Road: Widen Watt Avenue to six lanes through the intersection, which would provide LOS C at this intersection. (f) Intersection of Watt Avenue/Baseline Road: Add 3rd northbound and add 3rd southbound lane. This would result in LOS D at this intersection or better. (g) Intersection of Pleasant Grove Drive/Baseline Road/Riego Road: Add a northbound right-turn lane. This would result in LOS D. <p>Implementation of these measures would reduce these impacts to a less-than-significant level; however, the specified improvements lie outside the jurisdiction of the City of Roseville. Placer County can implement these suggested mitigation measures, but may choose not to. If the improvements are not made, levels of service would remain as shown in Table 4.3-21 (page 4.3-68 of the Final EIR) and Table 4.3-22 (page 4.3-85 of the Final EIR).</p> | <p>Prior to annexation within the Remainder Area Specific Plans,, development of Specific Plan policies will be required.</p> <p>The City and Placer County shall implement a regional traffic fee to fund the identified improvements. Applicants within the Remainder Area will be required to pay the regional traffic fee prior to issuance of building permits to fund a portion of the improvements.</p> | <p>Prior to annexation. Payment of fees by the applicants at the time of building permits issuance.</p> | <p>Placer County Public Works Director and the City Public Works Director will ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.</p> |
| <p>Impact 4.3-7: Increased demand for bicycle facilities.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.3-7 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>A The applicant for the Remainder Area shall prepare and submit a Bicycle Master Plan shall be submitted with building plans.</p> | <p>Prior to construction of bike trails.</p> | <p>Transit and Bikeways Division Manager would review Bicycle Master Plan and ensure that the building plans include adequate bikeway facilities.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|--|---|--|--|
| | <p>Remainder Area</p> <p>MM 4.3-7: Provide Appropriate Bicycle Network With Future Specific Plan Submittal</p> <p>Any Specific Plan and/or development proposals in the Remainder Area shall include a bicycle circulation plan that identifies Class I and II bicycle paths throughout the proposal area, and connects those bike paths to the City’s network so that bicyclists can safely travel from home to schools, parks, open space areas, and employment areas. Class I bike paths shall connect with Baseline Road and the Class I bike paths in the WRSP.</p> | <p>Prior to annexation within the Remainder Area, the applicant shall be required to prepare and submit Specific Plans and environmental review which specifically identify potential bicycle impacts and improvements.</p> | <p>Prior to construction.</p> | <p>Transit and Bikeways Division Manager would ensure that the Specific Plans include adequate bikeway facilities.</p> |
| <p>Impact 4.3-8: Transit access and circulation.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.3-8 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-8, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-8, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.3-8, which is provided below.</p> |
| | <p>WRSP Area</p> <p>MM 4.3-8: Pay Fair Share of Additional Transit Services</p> <p>The WRSP shall contribute their fair share towards the capital and operating costs for expanded transit services to the WRSP area. The amount of transit services needed would be identified in an updated Short Range Transit Plan and an updated Long Range Transit Master Plan.</p> | <p>The Applicant shall make a fair share contribution towards the expansion of transit services in accordance with the Development Agreements.</p> | <p>Agreements shall be executed prior to first building permit with timing of contributions identified.</p> | <p>City of Roseville City Attorney shall ensure that the agreements are implemented.</p> |
| | <p>Remainder Area</p> <p>MM 4.3-9: Transit Services Policies</p> <p>Any Specific Plan and/or development proposals in the Remainder Area shall contribute their fair share towards the capital and operating costs for expanded transit services to the project area. The amount of transit services needed would be identified in an updated Short Range Transit Plan and an updated Long Range Transit Master Plan prepared for projects in the Remainder Area.</p> | <p>The applicant shall enter into an agreement with the City of Roseville to make a fair share contribution towards the expansion of transit services. Agreements shall be executed prior to issuance of the first building permit with agreements identifying timing of contributions.</p> | <p>Agreements shall be executed prior to first building permit with timing of contributions identified.</p> | <p>City of Roseville City Attorney shall ensure that the agreements are implemented.</p> |
| 4.4 Air Quality | | | | |
| <p>Impact 4.4-1: Fugitive dust and PM₁₀ from grading and trenching activities.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.4-1 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-1, which is provided below.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---|--|---|--|--|
| | <p>WRSP Area</p> <p>MM 4.4-1: Dust Control</p> <p>After review and approval by the PCAPCD, the developer, if required, shall apply approved chemical soil stabilizers according to manufacturers specifications, to all inactive construction areas (previously graded areas which remain inactive for 96 hours).</p> <p>Reduce traffic speeds on all unpaved surfaces to 15 miles per hour or less.</p> <p>Creation of a dust control plan.</p> <p>No open burning of vegetation during project construction.</p> <p>Reestablishment of ground cover as soon as possible after construction.</p> <p>Suspension of grading activities when winds exceed 25 mph.</p> <p>These mitigation measures could result in impacts to water quality. Please refer to the Best Management Practices discussed in Section 4.8, Hydrology, Water Quality and Groundwater, for a description of how impacts on water quality will be minimized through erosion control measures.</p> | <p>The applicants shall submit construction management plans as part of the Grading Permit application. The Public Works Director shall review grading plans for inclusion of these measures prior to issuance of grading permits. The City Code Enforcement Officer shall respond to complaints.</p> | <p>Prior to issuance of Grading Permits.</p> | <p>Director of Public Works shall ensure that dust control measures are implemented.</p> |
| | <p>Remainder Area</p> <p>MM 4.4-2: Dust Control Policies</p> <p>Specific plans and/or other development proposals for the Remainder Area shall require dust control measures that are adequate to reduce PM₁₀ emissions below PCAPCD thresholds. Such measures could include hydro seeding, covering trucks, reducing traffic speed, prohibiting open burning, or other effective measures.</p> | <p>The construction management plan shall be included with grading permits. The Public Works Director shall review plans for inclusion of these measures prior to issuance of grading permits. The City Code Enforcement Officer shall respond to complaints.</p> | <p>Prior to issuance of grading permits.</p> | <p>Director of Public Works shall ensure that dust control measures are implemented.</p> |
| <p>Impact 4.4-2: Construction emissions.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.4-2 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-2, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-2, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-2, which is provided below.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>WRSP Area</p> <p>MM 4.4-3: Reduction of Construction Emissions</p> <p>The prime contractor shall submit to the PCAPCD a comprehensive inventory (i.e., make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used an aggregate of 40 or more hours for the construction project. District personnel, with assistance from the California Air Resources Board, will conduct initial Visible Emission Evaluations of all heavy-duty equipment on the inventory list.</p> <ul style="list-style-type: none"> ▪ An enforcement plan shall be established by the contractor in conjunction with the air district to weekly evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities, using standards as defined in California Code of Regulations, Title 13, Sections 2180–2194. An Environmental Coordinator, CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy-duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified and the equipment must be repaired within 72 hours. ▪ Contractors shall provide a plan for approval by the PCAPCD demonstrating that the heavy-duty (>50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project-wide fleet average 30 percent NOx reduction and 45 percent particulate reduction compared to the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. ▪ Minimize idling time to 10 minutes. ▪ Use low sulfur fuel for stationary construction equipment, if feasible. ▪ Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators. ▪ Use low emission on-site stationary equipment. | <p>The applicants shall provide this information as general notes on the grading plans. The Public Works Director shall review plans for inclusion of this measure prior to issuance of building permits. The City Code Enforcement Officer shall respond to complaints.</p> | <p>Prior to issuance of grading permits.</p> | <p>The Public Works Director and Code Enforcement Officer shall ensure that the dust control measures are implemented.</p> |
| | <p>Remainder Area</p> <p>MM 4.4-4: Reduction of Construction Emissions</p> <p>Specific plans and/or development proposals for the Remainder Area shall require emission control measures during construction. Such measures, which shall be developed in consultation with the PCAPCD, may include use of heavy-duty off-road equipment included in the inventory powered by CARB certified off-road engines, or other measures to reduce particulate matter and nitrogen oxide emissions through the use of emulsified diesel fuel and/or particulate matter traps.</p> | <p>The construction management plan shall be included with building plans. The Public Works Director shall review plans for inclusion of these measures prior to issuance of grading and building permits. The City Code Enforcement Officer shall respond to complaints.</p> | <p>Include in Specific Plan.</p> | <p>The Public Works Director and Code Enforcement Officer shall ensure that the dust control measures are implemented.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| <p>Impact 4.4-3: Operational emissions.</p> | <p>SOI Area The mitigation measure(s) identified for Impact 4.4-3 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-3, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-3, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.4-3, which is provided below.</p> |
| | <p>WRSP Area MM 4.4-5: Reduction of Operational Emissions Each developer will need to reach an agreement with the Placer Air Quality District concurrent with any subdivision or design review permit on air quality mitigation measures. Measures that could be implemented in order to reduce vehicle emissions and other operational emissions could include the following: Following receipt of an application for a Tentative Map (excluding the large lot subdivision map) or Design Review Permit, the City will forward an early consultation notice to the Placer County Air Quality District (PCAQD). Where the PCAQD provides comments on a specific development proposal, the City shall work with PCAQD and the developer to incorporate any measures recommended by the PCAQD into the project. Where the PCAQD does not provide comment on a specific development proposal, the City shall incorporate measures that reduce vehicle emissions and operational emissions from the proposed development. These measures will be implemented through project design, conditions of approval, noticing and disclosure statements, or through the City’s plan check and inspection processes. The following is a listing of potential measures that could be implemented for the purpose of reducing vehicle and operational emissions: <u>Measures Applied to Tentative Maps and Design Review Permits</u></p> <ul style="list-style-type: none"> ▪ Provide tree plantings that meet or exceed the requirements of the City’s Community Design Guidelines to provide shading of buildings and parking lots. (Design and COA—Planning) ▪ Landscape with native drought-resistant plants (ground covers, shrubs, and trees) with particular consideration of plantings that are not reliant on gas powered landscape maintenance equipment. (Design and COA—Planning) ▪ Require all flat roofs on non-residential structures to have a white or silver cap sheet to reduce energy demand. (COA—Planning) ▪ Provide conductive/inductive electric vehicle charging stations and signage prohibiting parking for non-electric vehicles within designated spaces within non-residential developments. (Design and COA—Planning) ▪ Configure parking to minimize traffic interference. (Design and COA—Planning) ▪ Provide vanpool parking only spaces to accommodate vanpools in | <p>Conditions imposed on each small lot tentative map and/or design review permit.</p> | <p>At the time of approval of final map.</p> | <p>Refer to responsible entity following each bulleted item in the text of the mitigation measure.</p> |

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| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>employment areas (e.g., community commercial, business-professional, and industrial uses). (Design and COA—Planning)</p> <ul style="list-style-type: none"> ▪ Provide preferential parking for carpools and vanpools in employment areas (e.g., community commercial, business-professional, and industrial areas). (Design and COA—Planning) ▪ All truck loading and unloading docks shall be equipped with one 110/208-volt power outlet for every two-dock doors. Signs shall be posted stating “Diesel trucks are prohibited from idling more than five minutes and trucks requiring auxiliary power shall connect to the 110/208-volt outlets to run auxiliary equipment.” (Design and COA—Planning) ▪ Provide all day vehicle parking lots and secured bicycle storage near rail stations, transit stops, and freeway access points. (Design and COA—Planning) ▪ Develop the Class I, II, and III bikeway system within the plan as identified within the WRSP. (Design and COA—Planning, Public Works) ▪ Develop the Village Center consistent with the WRSP policies that encourage pedestrian travel over use of the automobile. (Design and COA—Planning, Public Works) ▪ Design streets to maximize pedestrian access to transit stops. (Design and COA—Planning, Public Works) ▪ Require site design to maximize access to transit lines, to accommodate bus travel, and to provide lighted shelters at transit access points. (Design and COA—Planning, Public Works) ▪ Develop the plan consistent with the higher residential densities provided around the Village Center, transportation nodes, and transit corridors. (Design and COA—Planning, Public Works) ▪ Wood burning or pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. (COA, PC—Building) <p><u>Measures for Detached Single-Family Residences</u></p> <ul style="list-style-type: none"> ▪ Require electrical outlets to be installed on the exterior walls of both the front and back of residences or all commercial buildings to promote the use of electric landscape maintenance equipment. (COA, BP, PC—Planning, Building) ▪ Require installation of a gas outlet in the rear of residential buildings for use of outdoor cooking appliances, such as gas burning barbeques. (BP-PC—Building) ▪ Require installation of gas outlets with ceramic logs in any proposed fireplaces, including outdoor recreational fireplaces or pits. (BP-PC—Building) ▪ Require installation of low nitrogen oxide (NO_x), hot water heaters. (beyond District Rule 246 requirements). (BP-PC—Building) ▪ Require HVAC units be equipped with PremAir catalyst system (or | | | |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>another similar system) if available and economically feasible. The PremAir system is considered feasible if the additional cost is less than 10 percent of the base HVAC unit cost. (BP-PC—Building)</p> <ul style="list-style-type: none"> ▪ Provide notice to homebuyers of the option to install electric vehicle charging raceways in residential garages. (NDS—Building) ▪ Provide notice to homebuyers of incentive and rebate programs available through Roseville Electric or other providers that encourage the purchase of electric landscape maintenance equipment. (NDS—Building) ▪ Require wood burning devices to meet U.S. EPA Phase II certification. (BP-PC—Building) <p>In lieu of each individual project implementing their own off-site mitigation program, an applicant may choose to pay an equivalent amount of money into the District’s Air Quality Mitigation Fund. The District provides monetary incentives to sources of air pollutant emissions that are not required by law to reduce their emissions. Therefore, the emission reductions are real, quantifiable, and implement provisions of the 1994 State Implementation Plan. The off-site mitigation program has been implemented by a number of projects in Placer County. To the extent feasible, the implementation of any programs resulting from the WRSP in lieu of fees should be used in close proximity to the WRSP and the City of Roseville.</p> <p>COA—Conditions of Approval BP—Building Permit PC—Plan Check NDS—Noticing and Disclosure Statements</p> | | | |
| | <p>Remainder Area</p> <p>MM 4.4-6: Operational Emissions Policies</p> <p>Specific plans and/or development proposals for the Remainder Area shall include measures to reduce operational emissions. Such measures may include, but would not be limited to transit and pedestrian-oriented facilities (e.g., park and ride lots, bus stops), bike trails and facilities, energy-saving measures in buildings, as well as the measures described in MM 4.4-5, above. Appropriate measures shall be selected in consultation with the City and PCAPCD.</p> | <p>Applicants within the Remainder Area would be required to submit proposed air quality mitigation measures to the Placer County Air Pollution Control District during the design review process.</p> | <p>Prior to issuance of a building permit.</p> | <p>The applicants shall be responsible for submitting specific plans prior to annexation. The Planning Director, Environmental Coordinator, and Public Works Director shall ensure that air quality measures are included and implemented as conditions of approval at the design review stage.</p> |
| <p>Impact 4.4-4: Exposure of sensitive receptors to unacceptable TAC levels.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.4-4 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided below.</p> |

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| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>WRSP Area MM 4.4-7: Maintain TAC Inventory and CAP Industrial users proposed within the WRSP will be required to submit a Permit to Operate to the PCAPCD. The District will review the use and if a proposed industrial project would cause the combined emissions of TACs to exceed the risk standard of 10 in one million at residences or public uses (e.g., schools, park), additional modeling and/or environmental review would be required to demonstrate emissions from that use or other uses in the WRSP Area would be reduced so that the standard is not exceeded. For example, an applicant could propose to retrofit an existing operation in order to lower the total TAC emissions in the WRSP.</p> | <p>The applicant shall submit a Permit to Operate to the Placer County Air Pollution Control District during the design review process.</p> | <p>Prior to issuance of a certificate of occupancy.</p> | <p>The Placer County Air Pollution Control District shall review proposals and notify the Planning Director should a proposed use exceed the TAC threshold. The Planning Director and Environmental Coordinator shall determine if additional environmental review is required prior to approval of the use and ensure that measures are implemented to reduce exposure to TACs.</p> |
| | <p>Remainder Area Refer to MM 4.4-7: Maintain TAC Inventory and CAP above</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided above.</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided above.</p> | <p>Refer to the discussion for the WRSP Area for Impact 4.4-4, which is provided above.</p> |
| 4.5 Noise | | | | |
| <p>Impact 4.5-1: Short-term noise generated by construction activity.</p> | <p>SOI Area The mitigation measure(s) identified for Impact 4.5-1 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-1, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-1, which is provided below.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|--|---|--|---|
| | <p>WRSP Area</p> <p>MM 4.5-1: Construction noise reduction</p> <p>As discussed under Impact 4.5-1, compliance with the City’s Noise Ordinance would result in a less-than-significant impact for construction noise. However, the following measures are recommended to further reduce the effects of construction noise on residents.</p> <p>Equipment warm-up areas, water tanks, and equipment storage areas shall be located a minimum of 150 feet from occupied residences, where feasible.</p> <p>Flexible sound control curtains shall be placed around drilling apparatus and drill rigs, if sensitive receptors are located nearby.</p> <p>These measures would reduce the amount of noise at residences by placing stationary sources of noise far enough from residences that the noise generated would not be disturbing, particularly during the daytime, when construction activities would occur. In addition, they would assist in reducing the potential for noise disturbances and potential noise-related complaints.</p> | <p>The applicants shall be required to include these measures on their building plans. The Chief Building Inspector shall review the plans for inclusion of these measures prior to issuance of building permits. The Code Enforcement Inspector shall respond to complaints.</p> | <p>Prior to approval of building permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City’s Noise Ordinance regulations.</p> |
| | <p>Remainder Area</p> <p>MM 4.5-2: Construction noise policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall include policies and/or conditions that require equipment warm-up areas, water tanks and equipment storage areas be located a minimum of 150 feet from occupied residences, if feasible, and that noise measures (such as sound control curtains) be used in well-drilling.</p> | <p>These measures shall be included on building plans. The Chief Building Inspector shall review plans for inclusion of these measures prior to issuance of building permits. The Code Enforcement Inspector shall respond to complaints.</p> | <p>Prior to approval of building permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City’s Noise Ordinance regulations.</p> |
| <p>Impact 4.5-2:</p> <p>Commercial noise sources.</p> | <p>SOI Area</p> <p>The mitigation measure(s) identified for Impact 4.5-2 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-2, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-2, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-2, which is provided below.</p> |

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| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>WRSP Area</p> <p>MM 4.5-3: Commercial noise control</p> <p>For all commercial uses within 150 feet of residential uses, implement the following or equally effective measures:</p> <p>(a) For commercial loading docks and on-site truck circulation areas that are planned to be within 150 feet of sensitive receptors (including backyards), the following measures shall be implemented:</p> <p>(1) Loading docks and on-site truck circulation routes shall be designed to ensure that noise levels do not exceed 70 dB L_{max} or 50 dB hourly L_{eq} at the nearest residence. An acoustic analysis shall demonstrate that the loading area design, including any noise attenuation features (e.g., covering, sound walls, orientation) would be adequate to achieve this standard; and,</p> <p>(2) Deliveries shall generally be limited to the hours between 7:00 A.M. and 10:00 P.M.</p> <p>(b) For all commercial buildings, roof-top HVAC shall be oriented away from residential areas and systems shall not produce noise levels that exceed 50 dB at a distance of 25 feet. In addition, roof-top parapets shall block line-of-sight from noise-sensitive uses to HVAC equipment.</p> <p>(c) Setbacks or enhanced barriers (e.g., 8 feet tall) as needed to achieve City standards.</p> <p>An acoustical analysis shall be conducted to demonstrate that City noise standards would be achieved by these measures. Additional measures shall be implemented, if needed, to meet the standards.</p> | <p>The applicants shall submit site-specific acoustical analyses to the Chief Building Inspector for review. This condition shall be included in the use permit.</p> | <p>Prior to approval of Building Permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations.</p> |
| | <p>Remainder Area</p> <p>MM 4.5-4: Commercial noise policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall include policies and/or conditions that require that commercial areas located adjacent to residential area are designed to meet City noise standards through the use of setbacks, barriers, and other measures. Particular attention shall be given to loading docks, on-site truck circulation, and HVAC equipment. To the extent feasible, specific plans and/or development proposals for the remainder area shall locate commercial uses at least 1,500 feet from residences.</p> | <p>The applicants shall include the appropriate policies and/or conditions in the Specific Plan to ensure operational noise levels meet City noise standards. Prior to approval of Development Permits, site-specific acoustical analyses shall be submitted to the Chief Building Inspector for review.</p> | <p>Specific Plan required prior to annexation. In addition, site-specific noise analyses required prior to approval of development permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations.</p> |

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| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| Impact 4.5-3: Industrial noise. | SOI Area MM 4.5-5: Industrial facilities noise controls Prior to approval of a building permit, any proposal for an industrial or light industrial use shall demonstrate through an acoustical analysis that noise levels at the nearest sensitive receptor will not exceed City standards. The noise standards may be achieved through a combination of setbacks, soundwalls or other barriers, and other noise control techniques such as silencers on exhaust stacks and ventilation openings, enclosures around noisy equipment, and orienting noisy equipment or processing facilities away from noise-sensitive receivers. | Applicants shall submit site-specific acoustical analyses to the Chief Building Inspector for review. | Prior to approval of Building Permits. | The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations. |
| | WRSP Area Refer to MM 4.5-5: Industrial facilities noise controls | | | |
| | Remainder Area None required. | N/A | N/A | N/A |
| Impact 4.5-4: Noise from school related activities. | SOI Area None required. | N/A | N/A | N/A |
| | WRSP Area None required. | N/A | N/A | N/A |
| | Remainder Area None required. | N/A | N/A | N/A |
| Impact 4.5-5: Citywide park noise. | SOI Area The mitigation measure(s) identified for Impact 4.5-5 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area. | Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-5, which is provided below. | Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-5, which is provided below. | Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-5, which is provided below. |

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| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>WRSP Area MM 4.5-6: Attenuate park noise</p> <p>(a) The proposed soccer fields located in the northern portion of the proposed regional sports complex park shall be enclosed or shielded through the use of berms or barriers. A minimum of an 8 dB to 10 dB reduction in noise can be achieved through the site design or through the use of walls and berms. This type of reduction of noise levels is expected to result in compliance with the City of Roseville daytime noise level standards. In addition, the City of Roseville Parks Department allows parks to be open until 11:00 P.M.</p> <p>(b) The Garden Bandstand shall be shielded from residential uses by berms or other barriers, or amplification at musical events shall be limited to maximum noise levels of 80 dB L_{max} at the property line of the property where the event is held. Amplified events shall be prohibited if it cannot be demonstrated that this standard can be met. In addition, amplified music shall be allowed only between the hours of 8:00 A.M. and 10:30 P.M. on Sunday through Thursday and between the hours of 8:00 A.M. and 11:00 P.M. on Fridays and Saturdays.</p> | <p>Acoustical analyses shall be submitted to the Community Development Department Environmental Coordinator for review at the time specific parks are proposed to identify appropriate site-specific noise attenuation measures. The Parks Director shall ensure that the noise control measures are implemented in the park design.</p> | <p>Prior to issuance of building permits.</p> | <p>The Parks Director shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations.</p> |
| | <p>Remainder Area MM 4.5-7: Park noise policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall include policies and/or conditions that ensure that park noise meets City standards, as demonstrated by appropriate acoustical analyses.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> | <p>Prior to annexation.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address noise issues. City Planning and/or Building Agency</p> |
| <p>Impact 4.5-8: On-site traffic noise.</p> | <p>SOI Area The mitigation measure(s) identified for Impact 4.5-8 for the WRSP Area and/or the Remainder Area would also apply to development of the entire SOI Area.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-8, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-8, which is provided below.</p> | <p>Refer to the discussion for the WRSP Area and Remainder Area for Impact 4.5-8, which is provided below.</p> |

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| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>WRSP Area MM 4.5-8: On-site traffic noise attenuation The project developer shall demonstrate through an acoustical study that residences along roadways will be subject to noise levels consistent with the City’s standards. The standards could be achieved through a combination of setbacks, soundwalls or other barriers, building orientation or other measures. An acoustical analysis shall be required to demonstrate that these measures will result in acceptable noise levels.</p> | <p>Applicants shall submit site-specific acoustical analyses to the Chief Building Inspector for review.</p> | <p>Prior to approval of building permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City’s Noise Ordinance regulations.</p> |
| | <p>Remainder Area MM 4.5-10: On-site traffic noise policies Specific Plans and/or other development proposals for the Remainder Area shall include policies and/or conditions that require that residential development adjacent to roadways will be subject to traffic noise levels that fall within City standards. The standards could be achieved through a combination of setbacks, soundwalls or other barriers, building orientation or other measures. An acoustical analysis shall be required to demonstrate that these measures will result in acceptable noise levels.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> | <p>Prior to approval of an annexation.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address noise issues.</p> |
| 4.7 Biological Resources | | | | |
| <p>Impact 4.7-1: Loss of federally protected wetlands and “other waters” of the United States.</p> | <p>WRSP Area MM 4.7-1: Ensure no net loss of wetlands Consistent with the Clean Water Act, the WRSP shall achieve no net loss of wetlands. As used here, ‘no net loss of wetlands’ shall account for all wetlands impacted by the project, both directly (e.g., filled or drained) and indirectly (e.g., subjected to polluted and accelerated runoff, or damage caused by human or domestic animal access). No net loss may be achieved through on-site avoidance where practicable and desirable, on-site wetland construction where practicable and desirable, and/or off-site wetland construction, off-site wetland restoration, and off-site acquisition where approved by the permitting agencies. Restoration of wetland habitats is preferred to wetland creation because creation of wetlands introduces wetlands to an area historically upland in nature, whereas restoration re-establishes topographic and hydrologic conditions to a landscape that historically contained wetlands but has undergone land conversion. The benefit of the restoration approach, as opposed to wetland creation, is that because of the historic hydrologic footprint it is evident that the soils</p> | <p>The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The Applicants shall prepare annual reports on the status and success of mitigation and shall submit these responses to USFWS. The Applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to issuance of grading permit.</p> | <p>The City’s Environmental Coordinator shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |

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| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>contain a restrictive layer which assists in the ponding of seasonal surface water.</p> <p>The Clean Water Act Section 404 permit process (including a Section 7 Consultation under the Federal Endangered Species Act) is the standard method for developing mitigation for projects that affect wetlands and vernal pool species such as special-status plants, vernal pool crustaceans, and western spadefoots. Through this process, project applicants will be required to acquire the necessary permits and approvals to implement their proposed project while remaining in compliance with the Clean Water Act and the Federal Endangered Species Act. Mitigation, as outlined below in Table 4.7-3 (page 4.7-65 of the Final EIR), would consist of a combination of the preservation of on-site vernal pool habitat and the acquisition of off-site property with existing vernal pool habitat for preservation.</p> <p>Additionally, mitigation shall include off-site creation and/or restoration of vernal pool habitat, and/or participation in a mitigation credit program from a wetlands mitigation bank approved by the Corps and the USFWS. These banks would collect a fee that is based upon the mitigation obligation of the client. That fee would then be used to create, enhance, or preserve vernal pool habitat at an established mitigation bank. The credits shall be in direct proportion to vernal pool losses on the property, as determined by a wetland or habitat delineation. The project applicants have identified appropriate off-site mitigation as shown in Figure 4.7-4 (page 4.7-35 of the Final EIR). These areas include restoration of 43.75 acres at Yankee Slough and East Sheridan in Southwestern Placer County. This restoration will be a component of the compensation required for impacts to on-site habitat within the WRSP. The restoration of vernal pools on the Yankee Slough property will not result in artificial habitat being created. Although degraded due to agricultural practices, the habitat can be mapped through the use of current aerial photos taken during the wet season, which assist in the identification of remnant pools. In addition, historical aerial photos taken of the site prior to the intensive agricultural practices show evidence of the hydrological footprint of the area and can be used as the baseline for the restoration effort.</p> <p>In the mitigation of vernal pools that would be filled or otherwise disturbed, the landowners shall use harvested inoculum (i.e., the top few inches of soil containing the seed bank and vernal pool crustacean cysts) from on-site vernal pools. Topsoil from vernal pools contains both the seed bank for the plant species that occur in that individual pool and the vernal pool crustacean cysts (eggs) for those species that occur there. Removal of topsoil from harvested vernal pools shall comply with the most recent Corps and USFWS guidelines at the time of construction, or consist of removal of the top 2 inches of soil, following by the next 4 inches of soil, and placement of these layers in constructed vernal pools in reverse order (e.g., first the 4 inches followed by the 2 inches) to approximately reconstruct the natural soil horizon.</p> <p>Following the filing by the project applicant of its Clean Water Act</p> | | | |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>Section 404 application with the Corps, the Corps initiated its Section 7 (Endangered Species Act) consultation with the USFWS in November 2002. During this consultation process, the project applicant and the USFWS and the CDFG have focused on a number of alternative properties providing off-site mitigation for the wetland and Swainson's hawk habitat impacts resulting from the WRSP Area (refer to Figure 4.7-4 on page 4.7-35 of the Final EIR). As a result of this a Wetland Impact Mitigation Plan has been developed, to mitigate for the loss of wetland habitat, and identify proposed off-site mitigation efforts.</p> <p>The results of this Plan mandate that the applicant must obtain a California Department of Fish and Game 1603 Streambed Alteration Agreement and/or U.S. Army Corps of Engineers (Corps) Section 404 Permit prior to final approval of grading and site construction plans. Although only a small portion of the site is subject to Corps jurisdiction (e.g., water's of the U.S.), the potential direct indirect impacts to vernal pool and wetland habitat from grading necessitates the restriction of the issuance of any grading permit to after the completion of the 1603 and 404 permitting process. While the final conditions of the permits will be determined through coordination with these agencies, at a minimum the following actions shall be performed:</p> <p>(A) Impacted wetland habitat (including vernal pools) that cannot be avoided, shall be replaced per a mitigation plan approved by the Corps and CDFG. Acreages listed in Table 4.7-3 shall be adhered to, and supplemented if additional impacts occur (e.g., in the Improvement Areas)</p> <p>(B) Restoration shall be performed by a qualified wetland revegetation specialist and shall be conducted only on sites where soils, hydrology, and microclimate conditions are suitable for each wetland habitat type. First priority shall be given to areas that are adjacent to existing patches of native habitat, including the Yankee Slough.</p> <p>(C) A wetland and vernal pool restoration/revegetation plan shall be prepared by a qualified specialist to include all measures for the revegetation and maintenance of on and/or off-site habitat, whether preserved or created. The plan shall include the following:</p> <ol style="list-style-type: none"> (1) The details and procedures required to prepare the restoration site for construction or planting (i.e., grading, soil preparations, soil stocking, etc.), including the need for a supplemental irrigation system, if any. (2) The methods and procedures for the installation of the soil and plant materials. (3) Guidelines for the maintenance of the mitigation site(s) shall be developed during the establishment phase of the restoration areas. The maintenance program shall contain guidelines for the control of nonnative plant species, the maintenance of any irrigation system or hydrology (if necessary). | | | |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>(4) The restoration plan shall provide for monitoring, acceptable to the permitting State and federal agency(s), to evaluate the growth of the developing habitat and/or vegetation. Specific goals for the restored habitat shall be defined by quantitative and qualitative characteristics of similar habitats and plants (e.g., density, cover, species composition, structural development). The monitoring effort shall include an evaluation of not only the habitat installed, but the use of it by wildlife. Monitoring reports of the mitigation site shall be reviewed by the permitting State and federal agency(s).</p> <p>(5) Contingency plans and appropriate remedial measures shall also be outlined in the plan should the restoration efforts fail to meet designated success criteria and goals.</p> <p>Additionally, the CWA 404 application for this project includes measures designed to ensure the long-term viability of the preserved wetlands. These measures include creation of contiguous connections with off-site preserve areas, the installation of high quality fencing around open space preserve areas with signage describing the sensitivity of the habitat, and the implementation of an Operation and Management Plan with a financing mechanism to monitor the health of the preserve habitat, and to remediate any disturbance to the preserve. An annual report describing the monitoring activities and condition of the preserve will be prepared by the preserve steward and submitted to the resource agencies.</p> <p>As a result of the implementation of this plan, as outlined in Table 4.7-3, and associated measures detailed above, the project applicant would incur no further obligation for surveys, salvage notification, or seedbank salvage for areas covered by the Plan other than those surveys indicated under MM 4.7-14 and MM 4.7-15.</p> | | | |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|--|--|---|---|
| | <p>Remainder Area MM 4.7-2: Wetlands protection policies</p> <p>Prior to the adoption of any Specific Plans and/or other development proposals for the Remainder Area wetland delineations shall be conducted, and, if wetlands are present, the project achieves no net loss of wetlands. As used here, 'no net loss of wetlands' shall account for all wetlands impacted by the project, both directly (e.g., filled or drained) and indirectly (e.g., subjected to polluted and accelerated runoff, or damage caused by human or domestic animal access). No net loss could be achieved through on-site avoidance where practicable and desirable, on-site wetland construction where practicable and desirable, and/or off-site wetland construction, or off-site wetland restoration, and off-site acquisition where approved by the permitting agencies.</p> <p>Where appropriate, the plans shall specify that special-status plant surveys be conducted for species that have a high probability to occur within areas of potential impacts (e.g., big-scale balsamroot and Hispid bird's beak), such that, if found, no net loss of special-status plants occur, and that landowners use harvested inoculum (i.e., the top few inches of soil containing the seed bank and vernal pool crustacean cysts) from on-site vernal pools in constructed wetlands. Additionally, if wetland habitat would be impacted methods listed to ensure no net loss of wetlands, as detailed in MM 4.7-1, would be applicable, and required.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> <p>The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to issuance of grading permit.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address vegetation and wildlife issues.</p> <p>The City's Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |
| <p>Impact 4.7-2: Loss of federally listed vernal pool crustaceans and their habitat.</p> | <p>WRSP Area Refer to MM 4.7-1: <i>Ensure no net loss of wetlands</i></p> | <p>The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to issuance of grading permit.</p> | <p>The City's Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> <p>The City shall provide yearly reports documenting the status and compliance with the Operations and Maintenance Plan to the USFWS.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|--|---|--|---|
| | <p>Remainder Area Refer to MM 4.7-2: Wetlands protection policies MM 4.7-3: Vernal pool crustacean policies Prior to the adoption of any Specific Plans and/or other development proposals for the Remainder Area a delineation of all potential vernal pool crustacean habitat and appropriate surveys shall be performed. Surveys for vernal pool crustaceans shall follow the January 19, 1995 (or more recent version, if available) USFWS Guidelines for Surveys of the Endangered Conservancy Fairy Shrimp, Longhorn Fairy Shrimp, Riverside Fairy Shrimp, Vernal Pool Tadpole Shrimp, and the Threatened Vernal Pool Fairy Shrimp to determine the extent of the potential habitat that is present in the proposed development area. For those areas of potential habitat that are determined not to be occupied by federally listed vernal pool crustaceans, no further mitigation would be required. If federally listed vernal pool crustaceans are determined to occupy potential habitat that could be developed, MM 4.7-1 shall be implemented. Alternatively, the project applicant may assume that all potential vernal pool crustacean habitat is occupied and implement MM 4.7-1. In implementing MM 4.7-1, it shall be demonstrated in the project-level environmental document that the mitigation strategy would ensure no net loss of vernal pool crustacean habitat.</p> | <p>The applicants shall conduct appropriate biological species delineation and surveys in accordance with applicable rules and regulations governing the protection of listed species. The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of specific plans and environmental review.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address vegetation and wildlife issues.</p> <p>The City’s Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |
| <p>Impact 4.7-3: Loss of rare plant populations.</p> | <p>WRSP Area Refer to MM 4.7-1: Ensure no net loss of wetlands</p> <p>Remainder Area Refer to MM 4.7-2: Wetlands protection policies</p> | <p>The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of grading permit.</p> | <p>The City’s Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| <p>Impact 4.7-4: Loss or degradation of habitat for Western Spadefoot, a special-status species.</p> | <p>WRSP Area Refer to MM 4.7-1: <i>Ensure no net loss of wetlands</i> MM 4.7-4: Relocate individual western spadefoots The location of pools that are occupied by western spadefoot shall be determined through surveys conducted during the appropriate season (generally February), by a qualified biologist. Those pools that are found to support western spadefoot shall be avoided if feasible. If avoidance is not feasible, then the CDFG shall be consulted to approve an adult or larval western spadefoots, or western spadefoot egg masses capture and relocation plan. Although there are no set protocol for this type of activity, the capture and relocation of reptile and amphibian species from areas that will be destroyed to areas of unoccupied suitable habitat is a fairly standard part of both USFWS and CDFG procedure for mitigating loss of population. When done in combination with habitat restoration and preservation, the procedure is known to be successful in preserving displaced populations. This measure would mandate that to the extent feasible, western spadefoots, which are displaced from pools that are destroyed during construction, would be relocated to protected areas of suitable habitat, thereby reducing impacts on western spadefoots to less-than-significant levels. MM 4.7-1, which requires no net loss of wetlands, would further reduce impacts on this species by, protecting or restoring its preferred breeding habitat (vernal pools and seasonal wetlands).</p> | <p>Appropriate biological species delineation and surveys shall be conducted in accordance with applicable rules and regulations governing the protection of listed species prior to approval of the grading permit. If necessary, a spadefoot capture and relocation plan shall be prepared in consultation with CDFG. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of the grading permit.</p> | <p>The City's Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |
| | <p>Remainder Area Refer to MM 4.7-2: <i>Wetlands protection policies</i> MM 4.7-5: Spadefoot protection policies Prior to the adoption of any Specific Plans and/or other development proposals for the Remainder Area CDFG approved protocol surveys shall be conducted, if necessary, to determine the presence or absence of pools occupied by western spadefoot. These surveys shall be conducted during the appropriate season (generally February), by a qualified biologist. If western spadefoot is found during surveys, the Specific Plan and/or development plan shall provide a plan and/or policies to protect this species. The plan and/or policies shall provide for avoidance of those pools that are found to support western spadefoot wherever feasible. If avoidance is not feasible, then the CDFG shall be consulted to approve an adult or larval western spadefoots, or western spadefoot egg masses capture and relocation plan. In addition, MM 4.7-2, which would result in no net loss of wetlands would assist in the preservation of vernal pool and seasonal wetland habitat that this species requires for breeding. This measure would ensure the survival of western spadefoots that are displaced from pools that are destroyed during construction by relocating them to protected areas of suitable habitat.</p> | <p>Appropriate biological species delineation and surveys shall be conducted in accordance with applicable rules and regulations governing the protection of listed species prior to approval of the grading permit. If necessary, a spadefoot capture and relocation plan shall be prepared in consultation with CDFG. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of the grading permit.</p> | <p>The City's Environmental Coordinator as preserve manager shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| <p>Impact 4.7-5: Disruption of Swainson's Hawk, Burrowing Owl, and other legally protected raptors.</p> | <p>WRSP Area MM 4.7-6: Avoid nesting sites</p> <p>To ensure that fully protected bird and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:</p> <ul style="list-style-type: none"> (a) When feasible, all tree removal shall occur between August 30 and February 15 to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks from nesting in the vicinity of an upcoming construction area. This period may be modified with the authorization of the DFG; or (b) Prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15 and August 30, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30 days prior to disturbance. If active raptor nests or burrows are found, and the site is within 350 feet of potential construction activity, a fence shall be erected around the tree or burrow(s) at a distance of up to 350 feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area. The appropriate buffer shall be determined by the City in consultation with CDFG. (c) No construction vehicles shall be permitted within restricted areas (i.e., raptor protection zones), unless directly related to the management or protection of the legally protected species. (d) In the event that a nest is abandoned, despite efforts to minimize disturbance, and if the nestlings are still alive, the developer shall contact CDFG and, subject to CDFG approval, fund the recovery and hacking (controlled release of captive reared young) of the nestling(s). (e) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30th, or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist. (f) The project applicant, in consultation with the CDFG, shall conduct a pre-construction survey within the phases of the project site that are scheduled for construction activities. The survey shall be conducted by a qualified biologist to determine if burrowing owls are occupying the project site. The survey shall be conducted no more than three weeks prior to grading of the project site. <p>If the above survey does not identify burrowing owls on the project site, then no further mitigation would be required. However, should burrowing owls be found on the project site, the following measures shall be required.</p> <ul style="list-style-type: none"> (g) The applicant shall avoid all potential burrowing owl burrows that may be disturbed by project construction during the breeding | <p>Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to the issuance of a grading permit. Applicable construction restrictions shall be reflected within building plans. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of grading and building permits.</p> | <p>The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| | <p>season between February 15 and August 30 (the period when nest burrows are typically occupied by adults with eggs or young). Avoidance shall include the establishment of a 350-foot diameter nondisturbance buffer zone around any occupied burrows. The buffer zone shall be delineated by highly visible temporary construction fencing. Disturbance of any occupied burrows shall only occur outside of the breeding season (August 30 through February 15).</p> <p>(h) Based on approval by the CDFG, preconstruction and nonbreeding season exclusion measures may be implemented to preclude burrowing owl occupation of the project site prior to project-related disturbance (such as grading). Burrowing owls may be passively excluded from burrows in the construction area by placing one-way doors in the burrows according to current CDFG protocol. The one-way doors must be in place for a minimum of three days. All burrows that may be occupied by burrowing owls, regardless of whether they exhibit signs of occupation, must be cleared. Burrows that have been cleared through the use of the one-way doors shall then be closed or backfilled to prevent owls from entering the burrow. The one-way doors shall not be used more than two weeks before construction to ensure that owls do not recolonize the area of construction.</p> | | | |
| | <p>Remainder Area</p> <p>MM 4.7-7: Nest protection policies</p> <p>Prior to the adoption of any Specific Plans and/or other development proposals for the Remainder Area a plan and/or policies shall be developed and enacted to ensure that fully protected and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat. The plan and or policies shall include the measures set forth above in MM 4.7-6.</p> | <p>The applicants shall conduct appropriate biological species delineation and surveys in accordance with applicable rules and regulations governing the protection of listed species. The applicants shall obtain appropriate permits from the USFWS and CDFG to ensure that impacts are reduced. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Raptor protection plans and/or policies shall be approved prior to the issuance of a grading permit.</p> | <p>The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
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| <p>Impact 4.7-6: Loss of grassland habitat.</p> | <p>WRSP Area MM 4.7-8: Off-site and on-site preservation of grassland habitat</p> <ul style="list-style-type: none"> ▪ CDFG recommends that projects that will result in the loss of potential foraging habitat for Swainson's hawk (which includes grasslands and certain agricultural croplands such as alfalfa) within 10 miles of an active nest site provide mitigation for that loss. To the extent feasible, strategies for preserving on-site grasslands as raptor and migratory bird foraging habitat will be addressed in the O&M Plan prepared pursuant to the Section 404 Permit. Some of these strategies could include, but are not necessarily limited to, grazing for grassland management, monitoring for biological values, and adaptive management. Mitigation for Swainson's hawk foraging habitat would concurrently mitigate for loss of habitat for a number of other wildlife species in the region such as burrowing owl, red-tailed hawk, white-tailed kite, northern harrier, and loggerhead shrike among many others. <p>Based upon consultation with CDFG, a Swainson's Hawk Grassland Habitat Mitigation Plan has been developed to mitigate for the loss of grassland foraging habitat. Areas within Yankee Sough and other as of yet an undermined southern Placer County site (possibly Reason Farms) would be preserved (refer to Figure 4.7-4 on page 4.7-35 of the Final EIR). Up to 400 acres of the 878.743 additional Off-site Conservation Easement acres are proposed to be located at Reason Farms. Acquisition of the preservation acreages in two areas near Sheridan in southwestern Placer County detailed in Table 4.7-4 (page 4.7-72 of the Final EIR) and Figure 4.7-4 would reduce impacts due to loss of grasslands to less than significant.</p> <p>All subsequent land acquisition proposals to fulfill the remaining 878.743 acres of habitat needed for offsite conservation are determined by the City to be suitable habitat for the intended purposes as presented in the FEIR and are located, to the extent feasible, within the Phase 1 area of Placer Legacy, the Placer County NCCP/HCP effort. In making this determination, the City would consider the site location, current land uses, current and potential future surrounding land uses, the ability of the site to be incorporated into a large conservation strategy, whether the site would be acquired by easement or fee title, and a proposed management strategy (including a funding mechanism for necessary operation and maintenance, in perpetuity). This process will include consultation between the City of Roseville as the Lead Agency, the California Department of Fish and Game, and such other governmental agencies as the City believes are needed to assure the additional property meets the habitat requirements outlined in the FEIR. Additionally, land obtained for these purposes will be considered for transfer to a future JPA as part of the larger Placer County NCCP/HCP or other recognized non-profit conservation organization in consultation with the Department of Fish and Game.</p> | <p>The Swainson's Hawk grassland habitat mitigation program shall be implemented by the project applicants.</p> | <p>Prior to approval of the grading permit for each phase of the Project.</p> | <p>The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>Remainder Area MM 4.7-9: Swainson's hawk habitat policies Prior to the adoption of any Specific Plans and/or other development proposals for the Remainder Area, the applicant shall conduct additional environmental review and implement measures to protect Swainson's hawk habitat at a ratio commensurate with the habitat area to be lost due to proposed development.</p> | <p>The applicants shall conduct appropriate biological species delineation and surveys in accordance with applicable rules and regulations governing the protection of listed species. The applicants shall obtain appropriate permits from the Corps, USFWS, and CDFG, as appropriate, to ensure that impacts are reduced. The applicants shall prepare annual reports on the status and success of mitigation and submit them to the USFWS and CDFG. The applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p>Prior to approval of annexation.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address vegetation and wildlife issues. The City's Environmental Coordinator as preserve manager shall ensure that mitigation measures are implemented.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| <p>Impact 4.7-7: Substantial interference with the movement of resident and migratory wildlife species.</p> | <p>WRSP Area MM 4.7-10: Stream protection policies To protect the sensitive habitat within the riparian area, and its potential use by wildlife as movement corridors, the project applicant shall provide for the protection of stream corridors on the WRSP Area from disturbance due to construction or obstruction (e.g., fill, culverts) through compliance with Section 1600 of the CDFG Code (Section 1600). Compliance with Section 1600 requires that the applicant enter into a Section 1600 Streambed Alteration Agreement prior to conducting any construction activities within a stream corridor (as defined in Section 1600), which sets forth mitigation measures that the applicant must implement. These measures shall include, but not be limited to, the use of either bridges or culverts that are large enough that wildlife have enough space to pass through these road crossings without having to travel over the road surface, the implementation of bank stabilization measures, and/or restoration and revegetation of stream corridor habitat that has been damaged due to the project's construction. Furthermore, the recreational trails and garden area shall be lined by post and rail fence and signage would be used to direct trail and garden users to stay within the designated trail corridor or garden area. The trails and garden would also be closed after dark and no exterior lighting shall be used. Lastly, the implementation of MM 4.7-1, and MM 4.7-8, which would provide for the conservation of on-site open space and riparian areas around Pleasant Grove and Kaseberg Creeks. Refer to MM 4.13-1(d) below for avoiding light spill over into riparian habitat. Refer to MM 4.7-13(d) below for shielding of adjacent lighting away from riparian areas.</p> | <p>The applicants shall enter into a Section 1600 Streambed Alteration Agreement with CDFG. The City's NPDES Coordinator shall ensure measures are included in the project to reduce water quality impacts.</p> | <p>Prior to approval of grading permits.</p> | <p>The City of Roseville's NPDES Coordinator shall ensure that water quality measures are implemented and the City's Environmental Coordinator as preserve manager shall ensure that activities are consistent with the Open Space Operation and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---------------|--|---|---|---|
| | <p>Remainder Area</p> <p>MM 4.7-11: Stream protection policies</p> <p>To protect the sensitive habitat within the riparian area, and its potential use by wildlife as movement corridors, project-related activities would be prohibited within a buffer zone adjoining the riparian area a minimum of 50 horizontal feet from the edge of the riparian vegetation or active channel, whichever is greatest. Buffers are established and managed to reduce the impact of adjacent land use. The design of a buffer serves several important functions: it preserves the stream's natural characteristics, protects water quality, and improves habitat for plants and animals on land and in the water. Any Specific Plans and/or other development proposals for the Remainder Area that involve the alteration or development of areas within the 50 foot riparian buffer areas shall demonstrate how the stream corridors, and the wildlife that use them, will be protected from disturbance due to construction or obstruction (e.g., fill, culverts), passive recreation, or other activities that would otherwise restrict or prevent the unobstructed movement of wildlife through them. This shall be demonstrated to the satisfaction of the CDFG or other jurisdictional bodies. Those plans or proposals shall require use of either bridges or culverts that are large enough that wildlife have enough space to pass through these road crossings without having travel over the road surface. Additionally future development within the Remainder Area would be required to maintain the stream corridors in perpetuity via a conservation easement or other deed restriction. The conservation easement shall stipulate permitted uses within this area, as well as provide a maintenance and enhancement plan that would list, among other maintenance and enhancement plans, the details, responsible parties, funding mechanisms, and schedule. Alternately, this measure may be implemented by obtaining a Section 1600 Streambed Alteration Agreement from the CDFG prior to any construction activities within stream corridors. Specific measures would be developed during discussions with the CDFG, but may include using bridges instead of culverts, erosion control and bank stabilization measures, and/or restoration of stream corridor habitat that has been damaged due to the projects construction.</p> <p>Refer to MM 4.7-13(d) below for shielding of adjacent lighting away from riparian areas.</p> <p>Refer to MM 4.13-1(d) below for avoiding light spill over into riparian habitat.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> <p>The applicants shall be required to obtain the appropriate streambed alteration permits as necessary.</p> | <p>Prior to approval of annexation.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines adequately address vegetation and wildlife issues.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|--|---|--|
| <p>Impact 4.7-8: Loss of oak trees of greater than 6 inches DBH</p> | <p>WRSP Area The applicants will be required to meet the requirements of the City's Tree Preservation Chapter of the Zoning Ordinance. Tree replacement can be accomplished through planting of new trees on an inch for inch basis using the required number of fifteen (15) gallon sized native oak trees, or by paying an in-lieu mitigation fee that is based on the required number of fifteen gallon sized trees, in either the Native Oak Tree Propagation Fund or the Nonnative Tree Fund as described in Section 19.66.070 Oak Tree Planting and Replacement Program. At this time, the applicant is proposing to plant native oak trees onsite along a 45.6 area adjacent to Pleasant Grove Creek.</p> | <p>The applicants will be required to obtain Tree Permits that will more specifically outline the trees to be removed and the mitigation measures.</p> | <p>The Tree Permit application would be required prior to issuance of a Grading Permit.</p> | <p>The Applicants will be responsible for planting replacement trees and/or contributing an in-lieu fee consistent with the Tree Permits. The Planning Director will oversee the Tree Permit and mitigation program to ensure that the measures are implemented.</p> |
| <p>Impact 4.7-9: Loss of riparian habitat.</p> | <p>WRSP Area MM 4.7-12: Sensitive habitat buffer zones The applicant shall avoid and preserve riparian vegetation within SOI Amendment Area to the extent feasible. Native streamside vegetation occurring in the riparian zone shall be protected and retained to filter groundwater runoff. In addition, a 50-foot buffer shall be established from the edge of the riparian vegetation or top of the bank, whichever is greatest, and, if necessary, enhanced by plantings of native species within the project site adjacent to the drainage. Essential infrastructure including maintenance road access and utilities may occur within the riparian buffer area. Buffers are established and managed to reduce the impact of adjacent land use. The design of a buffer serves several important functions: it preserves the stream's natural characteristics, protects water quality, and improves habitat for plants and animals on land and in the water. Project design would strive to site any drainage crossings in areas where riparian trees and other riparian vegetation are least dense. Additionally the stream corridors identified as wetlands mitigation areas shall be conserved in perpetuity via a conservation easement or other deed restriction. The conservation easement shall stipulate permitted uses within this area, as well as provide a maintenance and enhancement plan that would list, among other maintenance and enhancement plans, the details, responsible parties, funding mechanisms, and schedule. If impacts to riparian vegetation do occur as a result of the project, they shall be minimized to the extent feasible through the use of BMPs, and mitigated for at a ratio acceptable to the CDFG.</p> | <p>The applicants shall design the project to avoid and preserve riparian vegetation.</p> | <p>Prior to construction. Prior to issuance of the first grading permit and/or prior to the movement of earth moving equipment to the site, the applicant shall identify sensitive habitat buffer zones and construction protocols.</p> | <p>The Public Works Director and Planning Director shall ensure that the 50-foot setback is maintained. The Environmental Coordinator shall ensure that the project is consistent with the Open Space Operations and Maintenance Plan.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--------|---|--|--|--|
| | <p>MM 4.7-13: Riparian habitat policies</p> <p>To protect riparian vegetation within the SOI Amendment Area, the following policies shall be implemented:</p> <ul style="list-style-type: none"> (a) The project applicant shall provide for temporary fencing along the top of the bank during construction of those areas of the proposed project site adjacent to riparian habitat to discourage access to the riparian habitat by humans and pets. (b) The project applicant shall provide for permanent fencing and/or a landscape barrier to discourage access to the riparian habitat by humans and pets. The fencing and/or landscape barrier shall be placed at the top of the bank of the creeks along those portions of the site adjacent to riparian habitat. The proposed recreation trail shall be on the project site side of the fence/landscape barrier. The fencing and/or landscape barrier shall be constructed of wood or other natural materials and shall allow for the viewing of the riparian habitat while discouraging access. (c) Interpretive signs and displays shall be posted along the border of the riparian area to educate the public and route access away from sensitive areas. These informative signs will be posted at intervals of not less than 500 feet along the border with information regarding the objectives of creek and riparian habitat protection. Signs should also include information regarding the importance of restricting access to the riparian area by household pets. Such signs will be made of wood or similar natural material, and be maintained by the applicant. (d) Lighting adjacent to riparian buffers should be shielded away from the riparian areas. <p>Implementation of MM 4.7-13 would reduce project impacts to riparian habitat to a <i>less-than-significant level</i> by ensuring the protection of riparian resources from encroachment or disturbance due to the increased number of pets and humans in the proposed project site.</p> | <p>The applicants shall design the project to avoid and preserve riparian vegetation.</p> | <p>Temporary fencing shall be implemented prior to approval of grading permit. Permanent measures shall be shown on improvement plans and approved at the time of final small lot map.</p> | <p>The Public Works Director shall ensure that appropriate measures are reflected in the building plans and that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations and the Environmental Coordinator shall ensure that the applicants comply with the Open Space Operations and Maintenance Plan.</p> |
| | <p>Remainder Area</p> <p>Refer to MM 4.7-13: Riparian habitat policies and MM 4.7-12: Buffer zones and barriers</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> | <p>Prior to approval of annexation.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines and environmental documents adequately address riparian issues.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|---|--|--|---|--|
| <p>Impact 4.7-10: Loss of biological resources due to construction of off-site infrastructure.</p> | <p>WRSP Area Refer to MM 4.7-1: <i>Ensure no net loss of wetlands</i>; MM 4.7-4: <i>Relocate individual western spadefoots</i>; MM 4.7-6: <i>Avoid nesting sites</i>; MM 4.7-8: <i>Off-site and on-site preservation of grassland habitat</i>; and, MM 4.7-10: <i>Stream protection policies</i> MM 4.7-14: Conduct appropriate surveys Prior to construction of any off-site infrastructure, a qualified biologist shall perform general (detailed) and, if necessary, focused biological surveys of any undisturbed areas that would be affected by infrastructure development. Because infrastructure for the proposed project would be located in road rights-of-way, or undeveloped land similar to the project site, the biological resources that would be expected to occur would not differ substantially from those identified in this EIR. If it is determined that wetland resources or sensitive species would be impacted, MM 4.7-1, MM 4.7-4, MM 4.7-6, MM 4.7-8, and MM 4.7-10 shall be implemented, as appropriate to the resource.</p> | <p>Appropriate biological surveys, environmental review, and appropriate permits shall be conducted in accordance with applicable rules and regulations governing the protection of listed species.</p> | <p>Prior to issuance of grading permit.</p> | <p>The Director of Public Works and the Environmental Coordinator shall ensure that the appropriate environmental review and permits are obtained and measures implemented to reduce impacts associated with off-site infrastructure.</p> |
| | <p>Remainder Area Refer to MM 4.7-2: <i>Wetlands protection policies</i>; MM 4.7-3: <i>Vernal pool crustacean policies</i>; MM 4.7-5: <i>Spadefoot protection policies</i>; MM 4.7-7: <i>Nest protection policies</i>; MM 4.7-9: <i>Swainson's hawk habitat policies</i>; and, MM 4.7-11: <i>Stream protection policies</i> MM 4.7-15: Off-site survey policies Prior to construction of any off-site infrastructure for Specific Plans and/or other development proposals for the Remainder Area, the City shall require that appropriate biological surveys have been conducted, and mitigation implemented. The surveys shall be performed, as needed, and within any undisturbed areas that would be affected by infrastructure development. Because infrastructure for the Remainder Area would be located in road rights-of-way, or undeveloped land similar to the project site, the biological resources that would be expected to occur would not differ substantially from those identified in this EIR. Therefore, if such resources are found, MM 4.7-2, MM 4.7-3, MM 4.7-5, MM 4.7-7, MM 4.7-9, and MM 4.7-11 shall be implemented, as appropriate to the resource.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required. Appropriate biological surveys shall be conducted in accordance with applicable rules and regulations governing the protection of listed species.</p> | <p>Prior to approval of annexation. Prior to approval of grading permit.</p> | <p>Applicants within the Remainder Area will be responsible for preparation of specific plans, design guidelines, and environmental review. The Planning Director will ensure the specific plans and design guidelines and environmental documents adequately address riparian issues.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|--|--|--|---|
| 4.8 Cultural Resources | | | | |
| <p>Impact 4.8-1: Disturb, damage or destroy unidentified subsurface archaeological resources during project construction.</p> | <p>WRSP Area MM 4.8-1: Cease Work and Consult with Qualified Archaeologist Should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains be encountered during any subsurface development activities, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with qualified archaeologists as needed to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary for the protection of the cultural resources. In addition, pursuant to section 5097.98 of the State Public Resources Code, and section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of the remains.</p> | <p>This condition shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion and permits of specifications prior to the issuance of building permits.</p> | <p>Prior to approval of grading permit and/or improvement plans.</p> | <p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|---|---|--|---|---|
| <p>Impact 4.8-2: Removal of historically significant properties and/or loss of historic integrity of such resources.</p> | <p>WRSP Area MM 4.8-4 (a): Retain Fiddymment Ranch Main Complex The WRSP calls for the preservation of the integrity of the Fiddymment Ranch Complex (the main ranch house and associated outbuildings) as a historical resource within the Regional Soccer Complex. To ensure its preservation the retention of the Fiddymment Ranch Main Complex is included as a mitigation measure. Before planning of the park site, the City will evaluate buildings and structures as significant resources and treated in accordance with the Secretary of Interior Standards for Preserving, Rehabilitating and Reconstructing Historic Buildings, which ensure that any renovation is compatible with historic properties. <u>OR</u> MM 4.8-4 (b): Retain Portions of the Fiddymment Ranch Main Complex If any future specific proposals propose altering or removing any part of the existing Fiddymment Ranch Main Complex (e.g., removing buildings), the project applicant shall record the resource prior to issuance of a demolition permit by the City (see also MM 4.8-5) and shall be required to consult with an architectural historian prior to removal of any buildings within the complex. MM 4.8-5: Record Historically Significant Resources For any historically significant resource, including the Fiddymment Ranch Main Complex, the record of the building shall be prepared by the Project Applicant prior to issuance of a demolition permit. In addition, the record shall comply with the National Parks Service standards [Historical American Building Surveys (HABS)]. A copy of the record shall be deposited with the State Office of Historic Preservation (SHPO). The appropriate level of recordation shall be determined in consultation with SHPO. Recordation shall include:</p> <ul style="list-style-type: none"> ▪ The development of site-specific history and appropriate contextual information regarding the historic resource; in addition to archival research and comparative studies, this task could involve limited oral history collection; ▪ Accurate mapping of the resource, scaled to indicate size and proportion of each structure; ▪ Architectural descriptions; ▪ Photodocumentation in both still and video formats; and, ▪ Recordation of measured architectural drawings. | <p>Plans for the Regional Soccer complex shall reflect the preservation of Fiddymment Ranch Main Complex. The City Parks and Recreation Department proposes to retain the Fiddymment Ranch Main Complex as part of the City-wide sports complex. An architectural historian shall be consulted before the removal of any buildings within the Fiddymment Ranch Main Complex and a record of any historically significant resource shall be prepared in compliance with the National Parks Service standards. A record of any historically significant resource shall be prepared in compliance with the National Parks Service standards.</p> | <p>Prior to approval of specific park plans for the Fiddymment Ranch Complex. Prior to issuance of a demolition permit. Prior to issuance of a demolition permit.</p> | <p>The Parks and Recreation Director shall ensure that the ranch complex resources are preserved and mitigation measures are implemented. The Parks and Recreation Director shall ensure that the ranch complex resources are preserved and mitigation measures are implemented. The Parks and Recreation Director shall ensure that the mitigation measures are implemented.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---------------|--|---|--|--|
| | <p>MM 4.8-6: Rehabilitate and Reuse Historically Significant Properties</p> <p>Prior to approval of reuse and/or alteration if the Fiddymt Ranch Complex, an architectural historian shall review the proposal and provide recommendations to assure that the integrity of the complex is retained. If adaptive reuse of the buildings is an option, the exterior of the historic properties should be rehabilitated and adaptively reused in accordance with the Secretary of the Interior’s Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (U.S. Department of the Interior, National Park Service, 1992 [Standards]. Finish materials, casework, and trim on the interior should be restored and/or reused where feasible.</p> | <p>An architectural historian shall be consulted before the reuse and/or alteration of any buildings within the Fiddymt Ranch Main Complex.</p> | <p>Prior to issuance of building permit.</p> | <p>The Parks and Recreation Director shall ensure that the mitigation measures are implemented.</p> |
| | <p>Remainder Area</p> <p>MM 4.8-7: Include Policies to Survey Structures Over 45 Years of Age</p> <p>The project applicant(s) for Specific Plans and/or other development proposals for the Remainder Area shall document the age of all structures or buildings within the area proposed for development (including areas proposed to remain in open space). If any buildings or structures are over 45 years of age, a qualified architectural historian or similar professional shall assess their historic significance. If feasible, historically significant structures, buildings or complexes shall be retained in their present location.</p> <p>MM 4.8-8: Properly Record Any Identified Historical Resources</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall require that, if any historically significant resource is identified, the project applicants shall be required to prepare a record of the building in compliance with National Parks Service standards [Historical American Building Surveys (HABS)]. A copy of the record shall be deposited with the State Office of Historic Preservation (SHPO). The appropriate level of recordation shall be determined in consultation with SHPO. Recordation shall include:</p> <ul style="list-style-type: none"> ▪ The development of site-specific history and appropriate contextual information regarding the historic resource; in addition to archival research and comparative studies, this task could involve limited oral history collection; ▪ Accurate mapping of the resource, scaled to indicate size and proportion of each structure; ▪ Architectural descriptions; and, ▪ Photodocumentation in both still and video formats. ▪ Recordation of measured architectural drawings | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> <p>The historical significance of structures determined to be over 45 years of age shall be assessed by a qualified architectural historian (or similar profession).</p> <p>A record of any historically significant resource shall be prepared in compliance with the National Parks Service standards.</p> | <p>Prior to approval of annexation.</p> <p>Prior to issuance of building permit.</p> | <p>The Planning Director will ensure the specific plans and design guidelines and environmental documents adequately address historic structures.</p> <p>The Planning Director will ensure the specific plans and design guidelines and environmental documents adequately address riparian issues historic resources.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|---|---|---|
| | <p>MM 4.8-9: Include Policies that Require Rehabilitation and Reuse of Historically Significant Properties</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall include policies or conditions of project approval requiring the exteriors of historic properties that will be adaptively reused, to be rehabilitated and reused in accordance with the Secretary of the Interior’s Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (U.S. Department of the Interior, National Park Service, 1992 [Standards]). In addition, finish materials, casework, and trim on the interior should be restored and/or reused where feasible.</p> | <p>Specific plans or other development proposals shall include policies that require rehabilitation and reuse of historically significant properties.</p> | <p>Prior to approval of specific plan or other development proposal.</p> | <p>The Planning Director shall review all proposals for the rehabilitation and reuse of historically significant properties.</p> |
| <p>Impact 4.8-3: Disturb unknown paleontological resources during site preparation.</p> | <p>WRSP Area</p> <p>MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and Recommendations Implemented</p> <p>Should any evidence of paleontological resources (e.g., fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the paleontologist for the protection of the paleontological resources.</p> | <p>This condition shall be reflected in all construction and building plans and permits. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.</p> | <p>During construction, as a condition of Grading and Building Permits.</p> | <p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City’s regulations.</p> |
| | <p>Remainder Area</p> <p>MM 4.8-11: Include Policies in Specific Plans to Ensure the Proper Handling of Paleontological Resources</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall include policies and/or conditions of approval that require the proper handling should any evidence of paleontological resources (e.g., fossils) be encountered during grading or excavation. If any paleontological resources are identified during project construction, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the paleontologist for the protection of the paleontological resources.</p> | <p>This condition shall be reflected in all construction and building plans and permits. The Public Works Director shall review plans for inclusion of specifications to protect paleontological resources prior to the issuance of building permits.</p> | <p>During construction, as a condition of Grading and Building Permits.</p> | <p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City’s regulations.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---|---|--|---|--|
| <p>Impact 4.8-4: Damage or destroy historic or prehistoric resources during construction of off-site infrastructure.</p> | <p>WRSP Area Refer to MM 4.8-1: Cease Work and Consult with Qualified Archaeologist; MM 4.8-5: Record Historically Significant Resources; MM 4.8-6: Rehabilitate and Reuse Historically Significant Properties; and, MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and Recommendations Implemented; MM 4.8-12: Conduct Appropriate Studies Prior to undertaking construction of off-site infrastructure, the City shall determine whether cultural resource surveys have been undertaken for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If resources are found, the study recommendations shall be implemented to ensure that the resources are avoided, protected, and/or recorded, as appropriate.</p> | <p>Cultural resource surveys shall be conducted by a qualified archaeologist and any resulting recommendations to protect resources shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.</p> | <p>During construction, as a condition of Grading and Building Permits.</p> | <p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan. The Parks and Recreation Director shall ensure that measures to protect and mitigate historic resources are implemented for any historic structures within parks property.</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|---|--|---|---|
| | <p>Remainder Area</p> <p>Refer to MM 4.8-2: Include Policies and Conditions That Require Proper Handling of Resources; MM 4.8-7: Include Policies to Survey Structures Over 45 Years of Age; MM 4.8-8: Properly Record Any Identified Historical Resources; and, MM 4.8-11: Include Policies in Specific Plans to Ensure the Proper Handling of Paleontological Resources</p> <p>MM 4.8-13: Conduct Appropriate Studies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall require that prior to undertaking construction of off-site infrastructure, the City shall ensure that cultural resource surveys are completed for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If resources are found, the study recommendations shall be implemented to ensure that the resources are avoided, protected, and/or recorded, as appropriate.</p> | <p>Cultural resource surveys shall be conducted by a qualified archaeologist and any resulting recommendations to protect resources shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.</p> | <p>During construction, as a condition of Grading and Building Permits.</p> | <p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.</p> |
| 4.9 Hazardous Materials and Public Safety | | | | |
| <p>Impact 4.9-2:</p> <p>Increased demand for hazardous materials incident emergency response.</p> | <p>Remainder Area</p> <p>Refer to MM 4.10-3: Construct New Stations as Needed (Public Services) below.</p> | | | |
| <p>Impact 4.9-5:</p> <p>Soil or groundwater contamination related to past uses.</p> | <p>WRSP Area</p> <p>MM 4.9-1: Identify and Remediate Soil Contamination</p> <p>Prior to site development in the WRSP Area, recommended testing and remediation identified in the Phase I ESA shall be performed and existing groundwater wells shall be properly closed.</p> <p>If evidence of soil contamination is encountered in previously unidentified locations in the WRSP Area, work shall cease until the area can be tested, and, if necessary, remediated. Remediation activities could include removal of contaminated soil and/or on-site treatment. As part of this process, the City shall ensure that any necessary investigation and/or remediation activities conducted in the WRSP Area are coordinated with the Roseville Fire Department, Placer County Division of Environmental Health, and, if needed, other appropriate state and/or local agencies. Once a site is remediated, construction may continue. The City shall also continue to update its records concerning contamination or hazards that could be present at facilities or sites adjacent to WRSP Area, and take necessary action to ensure that the health and safety of the public is protected.</p> | <p>The applicants shall ensure that recommended testing and remediation identified in the Phase I ESA will be performed and existing groundwater wells shall be properly closed.</p> | <p>Prior to issuance of building permit.</p> | <p>The Fire Marshall shall ensure that the mitigation measures are implemented.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| | <p>Remainder Area MM 4.9-2: Soil Contamination Policies Specific Plans and/or other development proposals for the Remainder Area shall include a Phase I ESA and require that recommended testing and remediation identified in the Phase I ESA be performed. Specific Plan and/or development proposal policies or conditions shall require that, if evidence of soil contamination is encountered in previously unidentified locations in the Remainder Area to be developed, work shall cease until the area can be tested, and, if necessary, remediated. As part of this process, the City shall ensure that any necessary investigation and/or remediation activities conducted in the Remainder Area are coordinated with the Roseville Fire Department, Placer County Division of Environmental Health, and, if needed, other appropriate state and/or local agencies. Once a site is remediated, construction may continue. The City shall also continue to update its records concerning contamination or hazards that could be present at facilities or sites adjacent to the SOI Amendment Area, and take necessary action to ensure that the health and safety of the public is protected.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, the applicants shall ensure that a Phase I ESA has been conducted and recommended testing and remediation identified in the Phase I ESA is performed.</p> | <p>Phase I ESA shall be required prior to annexation. Recommended testing and remediation shall be performed prior to issuance of a building permit.</p> | <p>The Planning Director will ensure the specific plans and design guidelines and environmental documents adequately address riparian issuespotential soil contamination issues.</p> |
| <p>Impact 4.9-8: Temporary truck route for transportation of hazardous materials through the WRSP area.</p> | <p>WRSP Area MM 4.9-3: Temporary Truck Route Notification Residents purchasing homes along Hayden Parkway and Bob Doyle Drive shall be notified that Hayden Parkway and Bob Doyle Drive will be used as a temporary truck route to transport potentially hazardous materials to the PGWWTP, and potentially the Roseville Energy Park until the extensions of Blue Oaks Boulevard and Phillip Road are constructed. In addition, signage shall be installed along Hayden Parkway and Bob Doyle Drive notifying residents and visitors that these roadways are used as a temporary truck route.</p> | <p>The applicants shall install the appropriate signage along Hayden Parkway and Bob Doyle Drive notifying residents and visitors that these roadways are being used as a temporary truck route.</p> | <p>Prior to and during issuance of building permit.</p> | <p>The Public Works Director and Fire Marshall shall ensure that the mitigation measures are implemented. In addition, the City Attorney shall ensure that deed discloser statements or other appropriate mechanisms notify residents of the temporary truck route.</p> |
| <p>Impact 4.9-9: Siting of a school within on-fourth mile of the handling or transportation of hazardous materials.</p> | <p>WRSP Area None required.</p> | <p>The school district will need to conduct additional site specific environmental review to ensure that impacts are less than significant.</p> | <p>N/A</p> | <p>N/A</p> |

Table 1 Mitigation Monitoring Program

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|---|--|--|--|---|
| 4.10 Public Services | | | | |
| <p>Impact 4.10-1: Increased demand for police protection services.</p> | <p>WRSP Area</p> <p>MM 4.10-1(a): Increase Number of Police Officers in the Roseville Police Department</p> <p>Police Department staffing to serve the WRSP shall be increased to meet General Plan standards. Based on the projected population increase of approximately 20,810 residents in the WRSP Area, additional officers would be required to serve the new population. The City would fund these positions through increased general revenues generated by new development and the City's General Fund.</p> <p>MM 4.10-1(b): Expand the Roseville Police Department Headquarters</p> <p>An expansion of the Police Headquarters or potentially a satellite facility in the WRSP would likely be needed at buildout of the WRSP to accommodate the additional Department staff required by MM 4.10-1(a). The current size of Police Headquarters is insufficient to accommodate a large increase in police staff. The City would fund the expansion through increased general revenues generated by new development through the Capital Facilities Fee collected at the Building Permit stage. Planning and environmental review would be required for the development of an additional station or the expansion of the existing station. Depending on its design, size, and location, the expansion of the existing station or the construction of new law enforcement facilities could lead to increased air emissions, noise, and traffic, as well as loss or degradation of biological habitat, cultural resources, water quality, or other potentially significant environmental impacts. Impacts would be addressed on a project-specific basis prior to approval of construction.</p> <p>MM 4.10-1(c): Expand the Voice Radio Communication System and Data Radio Systems</p> <p>The voice radio communication system and data radio system shall be expanded, including possibly an additional antenna tower, to provide adequate radio service to the WRSP Area. The City would fund the expansion through increased developer contributions generated by new development and the City's General Fund.</p> | <p>The City shall increase police staffing at the Roseville Police Department consistent with City policy.</p> <p>The City shall expand the Roseville Police Department Headquarters on an as needed basis.</p> <p>The City shall expand its voice radio communication system and data radio system.</p> | <p>Public facilities fees will be collected at the time of Building Permit issuance.</p> <p>Public facilities fees will be collected at the time of Building Permit issuance.</p> <p>Public facilities fees will be collected at the time of Building Permit issuance.</p> | <p>The Finance Director and the Police Chief shall ensure that staffing levels are adequately maintained.</p> <p>The Police Chief will monitor the need for new facilities.</p> <p>The Police Chief and the Fire Chief will monitor the communication system and upgrade as necessary</p> |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|---|--|--|---|---|
| | <p>Remainder Area MM 4.10-2: Law Enforcement Policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall provide for Police Department staffing and facilities at levels consistent with General Plan standards that would extend law enforcement into the area to be developed at levels needed to provide adequate public safety, and at ratios consistent with the City as a whole. The City would fund these positions through increased general revenues generated by developer fee contributions and the City's General Fund. Planning and environmental review would be required for the development of an additional station or the expansion of existing stations. Depending on its design, size, and location, the expansion of existing stations or the construction of new law enforcement facilities could lead to increased air emissions, noise, and traffic, as well as loss or degradation of biological habitat, cultural resources and water quality, or other potentially significant environmental impacts. Impacts would be addressed on a project-specific basis prior to approval of construction.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> | <p>Fees will be collected at the time of Building Permit issuance.</p> | <p>The Finance Director and the Police Chief shall ensure that staffing levels are adequately maintained.</p> |
| <p>Impact 4.10-2: Increased demand on fire protection services.</p> | <p>Remainder Area MM 4.10-3: Construct New Stations as Needed</p> <p>The Roseville Fire Department shall closely monitor the response times within any new development area and provide for new stations as needed. Timing the construction and staffing of the new fire stations shall be consistent with Fire Department Standards of Response Coverage Study. Potentially significant environmental impacts associated with construction of new fire stations will be addressed in a project-specific basis prior to approval of construction.</p> <p>MM 4.10-4: Demonstrate Adequate Response Time or Provisions</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall strive to meet the RFD's response time standard.</p> <p>MM 4.10-5: Identify Appropriate Fire Station Locations</p> <p>Prior to any development or Specific Plan approval for the Remainder Area, the Roseville Fire Department shall determine whether response times within the Remainder Area could be met with existing stations and/or stations shown in the West Roseville Specific Plan.</p> | <p>Construction and staffing of any new fire stations shall be consistent with Fire Department Standards of Response Coverage Study.</p> <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required.</p> | <p>Fees will be collected at the time of Building Permit issuance.</p> <p>Fees will be collected at the time of Building Permit issuance.</p> | <p>The Fire Chief shall monitor response times and ensure that stations are adequately situated to meet the needs of the community.</p> <p>The Fire Chief shall monitor response times and ensure that adequate fire service is provided.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|---|---|---|-----------------------------|--|
| | <p>MM 4.10-6: Adopt Fire Prevention and Suppression Policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall either include specific policies or condition development to include the following:</p> <ul style="list-style-type: none"> ▪ A 30-foot-wide mowed or graded fire break maintained at the perimeter of all Open Space areas. ▪ All fences at the perimeter of Open Space Preserve Areas constructed of noncombustible materials, except that wood posts may be used in post-and-rail barriers adjacent to landscape corridors and street edges. ▪ The Roseville Fire Department shall maintain a fire management plan that includes the maintenance of fire breaks and periodic fuel reduction. | <p>Fire Prevention and Suppression Policies shall be adopted.</p> | <p>Prior to annexation.</p> | <p>The Fire Chief shall review development proposals and ensure that adequate provisions are provided</p> |
| <p>Impact 4.10-3: Increased demand for schools.</p> | <p>Remainder Area</p> <p>MM 4.10-7: Designate School Sites</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall designate school sites needed to serve that plan's student population, unless the appropriate school district confirms in writing that other existing and planned schools would have adequate capacity. Potentially significant environmental impacts associated with the construction of new school facilities or the physical alteration of existing school facilities would be addressed on a project-specific basis at the time of construction or alteration.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, new school sites shall be designated to adequately serve development in the Remainder Area's student population consistent with City Policy.</p> | <p>Prior to annexation.</p> | <p>The Planning Director shall ensure that new school sites are designated in any Specific Plan or other development proposal, as appropriate.</p> |
| <p>Impact 4.10-4: Insufficient schools for CUSD students in proximity to the SOI amendment area.</p> | <p>Remainder Area</p> <p>MM 4.10-8: School Transportation Policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area in the Center Unified School District should encourage an appropriate mechanism for transporting students to schools outside the SOI Amendment Area, in coordination with CUSD.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, school transportation policies should be developed in coordination with CUSD.</p> | <p>Prior to annexation.</p> | <p>Applicants within the Remainder Area, the Planning Director, and Public Works Director shall ensure that student transportation issues are addressed in specific plans and design guidelines.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| <p>Impact 4.10-5: Increased demand on library services.</p> | <p>WRSP Area MM 4.10-9: Provide Library Branches, as Needed</p> <p>Pursuant to General Plan policy FB-4, library branches or components shall be expanded and/or constructed to serve the additional 20,810 residents in the WRSP. At the time of building permits, the capital facilities fee would be collected, a portion of which could fund the expansion of existing or construction of new library facilities. Special attention shall be paid to the locations of existing and planned library facilities, and their proximity to existing and future residents. Potentially significant adverse environmental impacts associated with construction of new library facilities or the expansion of existing facilities would be addressed on a project-specific basis at the time of construction or alteration.</p> | <p>Library branches or components shall be expanded and/or constructed to serve the additional residents in the WRSP.</p> | <p>Public Facility Fees will be collected at the time of Building Permit issuance.</p> | <p>The Parks, Recreation, and Library Director shall ensure that adequate library services are provided to meet the needs of the community</p> |
| | <p>Remainder Area MM 4.10-10: Library Facilities Policies</p> <p>Specific Plans and/or other development proposals for the Remainder Area shall provide for library branches and/or components to be expanded and/or constructed to serve the additional residents in the Remainder Area. Developers shall pay a fair share fee to the City for the expansion of existing facilities or construction of new library facilities. Special attention shall be paid to the locations of existing and planned library facilities, and their proximity to existing and future residents.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development preparation of Specific Plan policies and Design Guidelines will be required.</p> | <p>Public Facilities Fees will be collected at the time of Building Permit issuance.</p> | <p>The Parks, Recreation, and Library Director shall ensure that adequate library services are provided to meet the needs of the community.</p> |
| 4.11 Public Utilities | | | | |
| <p>Impact 4.11-1: Availability of water supplies to meet demand in wet years.</p> | <p>Remainder Area MM 4.11-1: Secure adequate water supply for wet and dry years</p> <p>Specific plans and/or development proposals for the Remainder Area shall identify a source of surface water supply sufficient to serve Remainder Area development. At this time, it is anticipated that the source would be the Sacramento River Water Reliability Project. Prior to the City's approval of any plan for the Remainder Area, the applicant shall demonstrate that the Sacramento River Water Reliability Project has been subjected to environmental review, approved and funded, and that its construction will be completed by the time that the water is needed for Remainder Area development. The applicant shall contribute a fair share toward the funding of the diversion project.</p> <p>As an alternative, an applicant may secure another source of surface water. Such a source would need to be legally available and sufficient to meet the demand of the project, consistent with the Water Forum Agreement and City policies and California Water Code Section 10910 <i>et seq.</i> and Government Code Section 66473.7 subject to a completed environmental review, approved by the agency with jurisdiction over the source, and funded.</p> | <p>The applicants shall identify a source of water that meets the demands of the project.</p> <p>The applicant shall demonstrate that water is available to meet demands of the project and contribute a fair share toward the funding of the Sacramento River Water Reliability Project.</p> | <p>Prior to approval of development entitlements. Fair share payments will be collected at the time of building permit issuance.</p> | <p>The Environmental Utilities Director shall review any development proposals within the Remainder Area to ensure adequate water supplies are available before development moves forward.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|--|--|---|
| <p>Impact 4-11.2: Availability of water supplies to meet demand in dry years.</p> | <p>WRSP Area MM 4.11-2: Reduced groundwater extraction of agricultural land during dry years As a condition of approval of any Tentative Tract Map for the WRSP Area, and to supplement assured supplies, the City shall ensure that groundwater in the amount of 2,848 AF/year is available for use in the WRSP Area in dry years by reducing groundwater extraction at Reason Farms.</p> <p>Remainder Area Refer to MM 4.11-1: <i>Secure adequate water supply for wet and dry years</i></p> | <p>The City shall ensure that the volume of groundwater being extracted from Reason Farms is reduced by at least 2,848 AF/yr or more so that enough groundwater is available for use in the WRSP Area in dry years.</p> | <p>Prior to approval of any tentative tract map.</p> | <p>The Environmental Utilities Director shall monitor surface and groundwater supplies to ensure that there are adequate supplies, and reduce groundwater extraction at Reason Farms as needed for dry years.</p> |
| <p>Impact 4-11.3: Capacity of water treatment system to meet potable demand.</p> | <p>Remainder Area MM 4.11-3: Expand treatment plant capacity Prior to City approval of any proposed development projects in the Remainder Area, the applicant shall demonstrate to the satisfaction of the Roseville Environmental Utilities Director that the Sacramento River Water Reliability Project water treatment facilities or substantially equivalent facilities approved by the City Council will provide the project with sufficient potable water by the time construction of the project is to begin. The development application for the project shall include a mechanism to fund the project's pro rata share of the construction costs of the Sacramento River Water Reliability Project water treatment facilities or alternative approved facilities.</p> | <p>The applicants shall demonstrate that the project will be provided with sufficient potable water by the time construction of the project is to begin. Refer also to MM 4.11-1.</p> | <p>Prior to approval of entitlements.</p> | <p>The Environmental Utilities Director shall review development proposals and ensure that sufficient water treatment capacity exists.</p> |
| <p>Impact 4.11-4: Extension of existing potable water distribution system.</p> | <p>Remainder Area MM 4.11-4: Potable water storage facility policies Prior to approval of a Tentative Tract Map for the WRSP Area, the maximum amount of potable water storage needed to serve the Remainder Area shall be identified, taking into consideration WRSP Area demand, existing storage capacity, and planned phasing of WRSP Area development. The City shall ensure that a sufficient amount of land has been set aside at the proposed location for the WRSP Area storage facilities to allow for expansion that could accommodate Remainder Area storage needs. Either the booster pumping facility shall be designed to allow for possible expansion or, prior to Tentative Tract Map approval for the Remainder Area, an alternate site for the storage facility shall be identified within the Remainder Area. If an alternate site is selected, it would be subjected to environmental review and designated on preliminary land use plans. In addition, the size of the water line that would convey water to the tank(s) at an alternate site under low-demand condition shall be determined and evaluated.</p> | <p>The City shall identify the maximum amount of potable water storage needed to serve the Remainder Area. Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required. Plan review for the WRSP booster pumping facility shall include provisions for expansion to accommodate the Remainder Area.</p> | <p>Prior to approval of tentative tract map.</p> | <p>The Environmental Utilities Director shall ensure that adequate water storage is planned for.</p> |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| Impact 4.11-7: Construction or expansion of wastewater treatment facilities. | WRSP Area MM 4.11-5: Treatment plant capacity Prior to obtaining building permits for development that would cause total wastewater flows from the WRSP Area to exceed 1.1 mgd, the applicants shall demonstrate that the PGWWTP will be expanded to 22.4 mgd. This includes obtaining all necessary permits to discharge the treated flow. The applicant shall also demonstrate that the timing of the plant expansion will be adequate to serve the WRSP Area without impeding other planned development assumed in the Wastewater Master Plan. Further, the applicants shall implement all relevant mitigation measures identified in the Wastewater Master Plan EIR. A list of mitigation measures applicable to this project area found in Appendix V of the EIR. | The applicants shall demonstrate that the PGWWTP will be expanded. | Prior to issuance of building permit that would cause total wastewater flows to exceed 1.1 mgd. | The Environmental Utilities Director shall monitor the capacity of the PGWWTP and ensure that expansion occurs in advance of the need. |
| | Remainder Area MM 4.11-6: Treatment plant expansion policies Any proposal for development in the Remainder Area shall require that adequate treatment capacity at the PGWWTP be demonstrated and evaluated in an environmental document that tiers from this EIR in order to provide a project-level analysis. The environmental document shall be the responsibility of the applicant. Permits to discharge the treated flows shall also be obtained prior to the granting of any occupancy within the Remainder Area. Further, all relevant mitigation measures identified in the Wastewater Master Plan EIR shall be implemented. A list of mitigation measures applicable to this project area found in Appendix V of this EIR. | The applicants shall demonstrate that the PGWWTP will be expanded. | Prior to issuance of building permit that would cause total wastewater flows to exceed 1.1 mgd. | The Environmental Utilities Director shall monitor the capacity of the PGWWTP and ensure that expansion occurs in advance of the need. |
| Impact 4.11-8: Increased wastewater discharge regulated by the RWQCB. | WRSP Area Refer to MM 4.11-5: <i>Treatment plant capacity</i> | | | |
| | Remainder Area Refer to MM 4.11-6: <i>Treatment plant expansion policies</i> | | | |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
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| <p>Impact 4-11-10: Increased demand for solid waste services at the MRF.</p> | <p>WRSP Area MM 4.11-10: Increase MRF capacity Operations at the MRF could be expanded by increasing the number of processing lines. Like expansion of the landfill, increasing MRF capacity would be under the jurisdiction of the WPWMA. The WPWMA can and should increase the capacity of the MRF and the City should advocate that it do so. Specific impacts would need to be identified and evaluated by the WPWMA if it decided to further increase the capacity of the MRF.</p> | <p>The City shall support the WPWMA efforts to expand Materials Recovery Facility at the Western Regional Sanitary Landfill.</p> | <p>As needed.</p> | <p>As a member of the WPWMA, the City of Roseville shall encourage expansion of the WRSL</p> |
| | <p>Remainder Area Refer to MM 4.11-10: Increase MRF capacity</p> | | | |
| <p>Impact 4.11-11: Construction debris demand for solid waste services.</p> | <p>WRSP Area Refer to MM 4.11-7: Expand the WRSL landfill and MM 4.11-10: Increase MRF capacity MM 4.11-11: Divert construction debris The applicant shall ensure a 50 percent reduction in the development's construction waste stream. In applicant's contracts with construction contractors and their subcontractors, the applicant shall require that contractors reduce construction waste stream by 50 percent. The applicants shall further require that contractors and subcontractors submit records of diversion and disposal to the City's Environmental Utilities Department in order to verify compliance with this requirement.</p> | <p>The City shall condition projects and the applicants and their construction contractors shall ensure a 50 percent reduction in the project's construction waste stream as part of specifications in general construction and building plans. Proof of waste stream diversion shall be submitted to the Environmental Utilities Department.</p> | <p>Prior to issuance of building permit</p> | <p>The Environmental Utilities Director and the Public Works Director will ensure that appropriate measures are reflected in all general construction and building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.</p> |
| | <p>Remainder Area Refer to MM 4.11-7: Expand the WRSL landfill and MM 4.11-10: Increase MRF capacity MM 4.11-12: Construction debris policies Specific Plans and/or other development proposals for the Remainder Area shall provide for diversion and recycling of construction debris.</p> | | | |

Table 1 Mitigation Monitoring Program

| <i>Impact</i> | <i>Mitigation Measure</i> | <i>Implementation</i> | <i>Timing</i> | <i>Reviewing Party</i> |
|--|---|--|--|---|
| <p>Impact 4.11-12: Increased demand for electricity.</p> | <p>Remainder Area MM 4.11-13: Electric facilities policies Specific Plans and/or other development proposals for the Remainder Area shall identify a substation or substations and appropriately sized transmission lines, as determined by the City. Roseville Electric shall monitor electrical use in the Sphere of Influence area, and construct these facilities as needed. At the time specific development is proposed within the Remainder Area, additional environmental review would be required which analyzes electrical facilities. Any proposal for development in the Remainder Area shall demonstrate that these facilities will be available to serve the proposed development prior to occupation.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines will be required. The City shall ensure that appropriately sized electric facilities are available to serve the project.</p> | <p>Prior to annexation.</p> | <p>The Director of Roseville Electric will review development proposals and ensure that there is adequate utility service.</p> |
| 4.12 Hydrology, Water Quality and Groundwater | | | | |
| <p>Impact 4.12-1: Changes in the rate of stormwater runoff (peak flows) through the development of new impervious surfaces.</p> | <p>Remainder Area MM 4.12-1: Prepare site-specific drainage study If a larger detention basin near the main branch of Curry Creek is used for the Remainder Area, and includes flows for the WRSP Area, Specific Plans and/or other development proposals for the Remainder Area shall prepare a site-specific drainage study. The study shall identify appropriate sizing and location to ensure that Remainder Area flows, in combination with flows generated in the WRSP Area, can be accommodated in the larger basin. The study shall also be used to identify features that will limit peak flow runoff from the areas drained to Curry Creek to pre-development levels per the PCFCWCD SWMM and City standards. The study shall also be used to demonstrate the larger basin will not cause or exacerbate downstream flooding conditions. Specific Plans and/or other development proposals for the Remainder Area, shall include a site-specific drainage study prepared in accordance with PCFCWCD SWMM and City of Roseville standards to identify on-site storm drainage features that will limit peak flow runoff from the area that drains to Curry Creek to pre-development levels, provided it can be demonstrated that such features will not cause or exacerbate flooding conditions in the SOI Amendment Area or at downstream locations outside the SOI Amendment Area. The drainage study shall be submitted to the PCFCWCD and City Roseville for review. If a basin in the Remainder Area is used to store flows generated by sheds C-WP7 and C-WP8 in the WRSP Area, in addition to Remainder Area-generated flows, the drainage study shall ensure that sufficient capacity is provided to manage total flows into the basin.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, the applicants shall prepare drainage studies.</p> | <p>Prior to annexation as part of the specific plan process. Payment of the Regional Drainage Fee at the time of Building Permit issuance.</p> | <p>The Director of Public Works shall ensure that drainage issues are adequately addressed. The Environmental Utilities Director and NPDES Coordinator will review proposals to ensure adequate water quality measures are implemented.</p> |

Table 1 Mitigation Monitoring Program

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|---|--|--|---|--|
| <p>Impact 4.12-2: Increase in the amount of surface runoff, which would exceed the capacity of existing storm drainage systems and increase the potential for downstream flooding.</p> | <p>WRSP Area MM 4.12-2: Pay fair-share of Roseville regional stormwater retention facility improvements The City shall collect the Pleasant Grove Drainage fee from the applicants prior to the approval of each building permit, which would cover the cost of retention for that development's portion of the Roseville regional retention basin at Reason Farms.</p> | <p>The City shall collect the Pleasant Grove Drainage fee from applicants.</p> | <p>Prior to Building Permit Issuance.</p> | <p>The Public Works Director shall monitor and ensure that the Pleasant Grove drainage fee is collected.</p> |
| | <p>Remainder Area MM 4.12-3: Retention Policies Specific Plans and/or other development proposals for the Remainder Area shall demonstrate, through the preparation of technical engineering studies, that the increased volume of stormwater runoff from the SOI Amendment Area, which includes the WRSP Area, can be accommodated in the approved regional stormwater retention facility. The results of the study shall be submitted to the City of Roseville Public Works Department for review and concurrence. The facility shall be expanded as necessary, funded through fair-share contributions by project developers.</p> | <p>Prior to annexation within the Remainder Area, technical engineering studies of regional stormwater retention facilities shall be prepared by the applicants.</p> | <p>Prior to annexation.</p> | <p>The Public Works Director shall monitor and ensure that drainage measures are implemented.</p> |
| <p>Impact 4.12-3: Placement of fill or structures in 100-year floodplain could affect water surface elevations, which could increase the risk of flooding.</p> | <p>Remainder Area MM 4.12-4: Floodplain Policies Specific Plans and/or other development proposals for the Remainder Area shall identify the 100-year floodplain for each location that could be affected by fill placement or installation of structures to ensure water surface elevations estimated in the Master Drainage Study would not be measurably increased. If measurable increases are identified, redesign or relocation of the fill or structures shall be considered. In addition, the recalculated water surface elevations shall be used to determine what improvements, if any, are necessary to provide adequate mitigation so that off-site risk of flooding is not increased as a result of Remainder Area development, in combination with the WRSP Area development. Those improvements shall be required to be constructed as a condition of approval of the proposed development.</p> | <p>Prior to annexation within the Remainder Area, the applicants shall prepare drainage studies that identify the 100-year floodplan.</p> | <p>Prior to annexation.</p> | <p>The Public Works Director shall monitor and ensure that drainage measures are implemented.</p> |
| <p>Impact 4.12-6: Groundwater use during dry years.</p> | <p>WSRP Area Refer to MM 4.12-2: Pay fair-share of Roseville regional stormwater retention facility improvements</p> | | | |

Table 1 Mitigation Monitoring Program

| Impact | Mitigation Measure | Implementation | Timing | Reviewing Party |
|--|---|---|--|---|
| 4.13 Aesthetics and Visual Resources | | | | |
| <p>Impact 4.13-2: New sources of light and glare.</p> | <p>WRSP Area MM 4.13-1(a): Restrict High-Watt Light Usage and Hours for Park Facilities In order to reduce the effects of nighttime illumination from development associated with the WRSP, high-powered floodlights will be discouraged for recreational or other facilities within the WRSP. In addition, such lights shall not be used later than 11:00 p.m. if located within 300 feet of residences. The developers shall be required to disclose to all adjacent residential areas that a regional park is located nearby that will contain outdoor lighting.</p> <p>MM 4.13-1(b): Site High-Intensity Lighting so as to Minimize Nuisance High-Intensity light producing uses, such as stadiums and ball fields, within the WRSP Area shall be located and oriented to minimize visual impacts on adjacent residential areas located within 300 feet. Lighting for stadiums and ball fields should be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use, as defined by suggested lighting standards for competitive play. The developers shall be required to disclose to all adjacent residential areas that regional park/school uses are located nearby that will contain outdoor lighting.</p> <p>MM 4.13-1(c): Use Low-Glare Materials for New Development In order to reduce the effects of daytime glare from development of commercial, office, and industrial uses within the WRSP, building developers shall make use, when feasible, of low-glare materials.</p> <p>MM 4.13-1(d): Avoid Light Spill Over Into Riparian Habitat Outdoor lighting shall be placed, designed, and directed so as to avoid light spill over into the riparian habitat of Pleasant Grove or Curry Creek and Open Space Preserve Areas.</p> | <p>The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/or high-intensity illumination from the project.</p> <p>The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/or high-intensity illumination from the project.</p> <p>The applicants shall ensure that development proposals are consistent with the mitigation and the WRSP Design Guidelines.</p> <p>The applicants shall ensure that development proposals are consistent with the mitigation and the WRSP Design Guidelines.</p> | <p>Prior to Building Permit issuance.</p> <p>Prior to Building Permit issuance.</p> <p>Prior to Building Permit issuance.</p> <p>Prior to the Tentative Map, or as part of the Design Review Permit process.</p> | <p>The Parks and Recreation Director shall review the proposed park plans and ensure that nighttime lighting is directed away from residences and open space corridors.</p> <p>The Parks and Recreation Director shall review the proposed park plans and ensure that nighttime lighting is directed away from residences and open space corridors.</p> <p>The Planning Director shall review plans to ensure consistency with the mitigation measures and the specific plan and design guidelines to reduce light and glare impacts.City</p> <p>The Planning Director shall review plans to ensure consistency with the mitigation measures and the specific plan and design guidelines to reduce light and glare impacts.</p> |

Table 1 Mitigation Monitoring Program

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|---------------|---|--|---|---|
| | <p>Remainder Area MM 4.13-2: Light and Glare Policies Specific Plans and/or other development proposals for the Remainder Area shall include policies or conditions of project approval that reduce the effects of nighttime illumination and glare from the Remainder Area. The Specific Plans and/or development proposals shall include policies and/or conditions that require that lighting for stadiums and ball fields be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use, and that hours of operation be limited to avoid nuisances. In addition, these policies and/or conditions should ensure that outdoor lighting does not spill over into creeks or open space preserves, and that low-glare materials are used on office, commercial and industrial buildings.</p> | <p>Prior to annexation within the Remainder Area Specific Plans, development of Specific Plan policies and Design Guidelines, and environmental review will be required to more specifically identify impacts and mitigation measures.</p> | <p>Measures would be identified at the time Specific Plans and Design Guidelines are prepared for the Remainder Area.</p> | <p>The Planning Director shall review plans to ensure consistency with the mitigation measures and the specific plan and design guidelines to reduce light and glare impacts.</p> |