MITIGATION MONITORING PROGRAM FOR THE WEST ROSEVILLE SPECIFIC PLAN PARCEL F-56 PISTACHIO PARK PROJECT

Project Location: The project is located on the east side of Westpark Drive and north of High School Road in the City of Roseville, Placer County, California.

Project Description: The City's Parks, Recreation & Libraries Department is planning to construct West Roseville Specific Plan (WRSP) Park Site F-56, herein referred to as Pistachio Regional Park, within the WRSP Area, which was evaluated at a project-level within the 2004 Final West Roseville Specific Plan EIR (FEIR). Changes to the project and circumstances have occurred since approval of the WRSP EIR, which are discussed and addressed in an Addendum. The project includes the development of the park with baseball, softball, pickle ball, and tennis facilities; playgrounds and play areas; interpretive trails; bicycle and pedestrian pathways; vehicle circulation and parking; and other associated facilities including restrooms and storage areas.

Project Applicant: City of Roseville, Parks, Recreation & Libraries Department

Property Owner: City of Roseville

Lead Agency Contact: Tara Gee, Parks Planning & Development Superintendent, City of Roseville-(916) 774-7529

An Addendum to a previously certified and adopted negative declaration or environmental impact report may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR or negative declaration have occurred (California Environmental Quality Act [CEQA] Guidelines Section 15164).

Section 15097 of CEQA requires all State and local agencies to establish a mitigation monitoring and reporting program (MMRP) for projects approved by a public agency whenever the approval involves the adoption of an Environmental Impact Report (EIR).

An MMP was adopted when the Final EIR for the WRSP was approved January 9, 2004. This MMP contains information specific to the proposed Pistachio Park component of the overall specific plan.

Mitigation Monitoring Program Description.

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.

Field Monitoring of Mitigation Measures

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 Development Services

Department will assign inspectors who will be responsible for monitoring the implementation of the mitigation measures. The City's Parks, Recreation and Libraries staff will oversee the project and 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 authority to enforce mitigation measures by suspending particular construction activities. Once construction has been completed, the City will monitor the project as needed.

Changes to Mitigation Measures

Any substantive change in the monitoring plan made by City staff shall be reported in writing to the Development Services 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 MMP is no longer required because the significant impact 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, change in conditions of the environment, or other factors.

Or

b. The modified or substitute mitigation measure provides a level of protection equal to or greater than that afforded by the original mitigation measure.

Table 1Mitigation Monitoring Program

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Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
4.4-1 Fugitive dust and PM 10 from grading and trenching activities	After review and approval by the PCAPCD, if required, the City and/or its contractors, shall apply approved chemical soil stabilizers according to manufacturer's specifications, to all inactive construction areas (previously graded areas which remain inactive for 96 hours). Reduce traffic speeds on all unpaved surfaces to 15 miles per hour or less. Creation of a dust control plan. No open burning of vegetation during project construction. Reestablishment of ground cover as soon as possible after construction. Suspension of grading activities when winds exceed 25 mph. 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	The Development Services Department and City Engineer shall review grading plans for inclusion of these measures prior to issuance of a grading permit. The City Code Enforcement Officer shall respond to complaints.	Prior to issuance of Grading Permits.	City engineer, Construction Inspector and City Code Enforcement Officer shall ensure that dust control measures are implemented.
4.4-2 Construction Emissions	MM 4.4-3: Reduction of Construction Emissions • 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	The City shall provide this information as general notes on the grading plans. The Development Services Director shall review plans for inclusion of this measure prior to issuance of building permits.	Prior to issuance of grading permits	City Engineer, PCAPCD, and Code Enforcement Officer shall ensure that dust control measures are implemented.

Visible Emission Evaluations of all heavyduty equipment on the inventory list. • An enforcement plan shall be established by the contractor in conjunction with the air district to weekly evaluate project-related on-and-off- road	ne City Code inforcement ificer shall spond to implaints.	
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 heavyduty 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, lowemission diesel products, alternative fuels, engine retrofit technology, aftertreatment products, and/or other options as they become available • Minimize idling time to 10 minutes.		

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	Use low sulfur fuel for stationary construction equipment, if feasible. Utilize existing power sources (e.g., power poles) or clean fuel			
Impact 4.7-5 Disruption of Swainson's Hawk, Burrowing Owl, and other legally protected raptors.	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: (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 CDFW; 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 CDFW. (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.	Results of preconstruction surveys shall be submitted to the City's Environmental Coordinator prior to construction. Applicable construction restrictions shall be reflected on any plan sets. The Building Official shall ensure that the construction activities conform to the requirements.	Prior to construction	The City Engineer shall ensure that the appropriate measures are reflected in the construction plans. The Code Enforcement Officer shall enforce the City's regulations. The Director of Parks, and Recreation and Libraries shall oversee open space areas for compliance with the Operations and Maintenance Plan.

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	(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 CDFW and, subject to CDFW 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 CFWS, 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. 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.			
	(g) Avoid all potential burrowing owl burrows that may be disturbed by project construction during the breeding 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 Non-disturbance 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).			

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	(h) Based on approval by the CDFW, 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 oneway doors in the burrows according to current CDFW protocol. The oneway 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 oneway 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 the construction 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 Non-disturbance 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).			
	(h) Based on approval by the CDFW, 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 oneway doors in the burrows according to current CFWS protocol. The oneway doors must be in place for a minimum of three days. All burrows			

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	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 oneway 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.			
Impact 4.13-2	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 Open Space Preserve Areas.	Park design shall take into consideration adjacent open space preserves	Prior to finalization of the Park construction	The Parks Superintendent shalll oversee the placement of lighting
Impact 4.7-8 Loss of oak tress of greater than 6 inches DBH.	The City will comply with the City's Tree Preservation Chapter of the Zoning Ordinance. Tree replacement can be accomplished through the planting of new trees on an inch for inch basis with fifteen (15) gallon-sized native oak trees.	If native oak trees are removed, trees will be replanted per mitigation standards.	The Tree Permit application would be required prior to grading.	The Director of Parks, Recreation and Libraries will oversee the replacement tree program to ensure that the measures are implemented.
Impact 4.8-1: Disturb, damage or destroy unidentified subsurface archaeological resources during project construction.	MM 48-1 Cease Work and Consult with a Qualified Archaeologist for work within the Fiddyment House Property Boundary. MM 4.8-1a Pistachio Park/Park Site F-56 Testing Program: To avoid or minimize adverse direct and/or indirect effects to potentially significant buried archaeological sites, deposits or features within the Fiddyment Ranch Main Complex, but outside of the fencing surrounding	All construction workers, inspectors and supervisors will receive Cultural Resources Awareness Training prior to commencement of any ground-disturbing activity.	Prior to construction	The Parks, Recreation and Libraries Director will ensure that appropriate measures are reflected in the construction plans. The Construction Inspector shall ensure that construction contractors comply with the

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	Fiddyment House, gardens,			Code
	brick smokehouse, and			Enforcement
	brick cooler, prior to the			Officer shall
	start of any ground-			enforce the
	disturbing activities, a			City's
	qualified archaeologist (36			regulations.
	CFR 61) will prepare a			
	testing plan that will include			
	a research design, and			
	curation procedures for any			
	recovered cultural artifacts.			
	The testing plan will include			
	parameters to conduct the			
	subsurface testing and			
	archaeological evaluation of			
	features referenced in the			
	National Register			
	Nomination document. The			
	testing plan and a			
	comprehensive technical			
	report detailing the results			
	of the testing and evaluation			
	effort will be submitted for			
	approval by the City of			
	Roseville. Depending on the			
	result of the testing, the			
	report may recommend			
	preservation in place, data			
	recovery excavation, or archaeological monitoring of			
	ground-disturbing activities,			
	or find sufficient evidence			
	that no additional			
	monitoring is required.			
	The specific sites to be tested will be:			
	 Ft-1 (PAR Report 			
	identifier)/F1 (NRHP map			
	identifier): Ranch related structure pad;			
	 Ft-2/F2: Ranch-related 			
	trash dump;			
	 Locus 2: Scattered machinery and debris, 			
	containing Ft-3/F3 Historic			

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	debris in creek, and windmill part scatter; Locus 1: debris; and Ft-4/1930s windmill (and pump system) associated with FRMC brick reservoir. Depending on the result of the testing, the report may recommend preservation in place, data recovery excavation, or archaeological monitoring of ground-disturbing activities, or find sufficient evidence that no additional monitoring is required.			
Impact 4.8-1 Continued	4.8-1 (b) 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.	This measure shall be reflected in all construction and building Plans. The City Engineer shall review plans for inclusion prior to issuance of building permits.	Prior to grading and/or improvement plans	The Parks Recreation and Libraries Director shall ensure that the ranch complex resources are preserved and mitigation measures are implemented.

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
Impact 4.8-3: Disturb unknown paleontological resources during site preparation.	MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and recommendations Implemented. 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. At that time, the City shall coordinate any necessary	This condition shall be reflected in all construction and building plans and permits. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.	During construction as a condition on the construction plans.	The Development Services Director shall ensure that appropriate measures are reflected in the construction
	investigation of the site with a qualified paleontologist to assess the resource and provide proper management commendations. 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.			plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Officer shall enforce the city's regulations.
Impact 4.8-2: Removal of historically significant properties and/or loss of historic integrity of such resources.	MM 4.8-1c Cultural Awareness Training Pistachio Park/Park Site F-56 Mitigation Measure 2: Worker Cultural Resources Awareness Training for work within the Fiddyment House property boundary. (That area generally within the fencing surrounding the house, brick smokehouse, brick cooler, and gardens. The former outhouse was reportedly in the vicinity of the smokehouse.) All Project management supervisory and earth-	The City Parks Recreation & Libraries Department proposes to retain the Fiddyment Ranch Main Complex as part of Pistachio Park. An architectural historian shall be consulted before the removal of any buildings within the Fiddyment Ranch Main Complex and a record of any historically significant resource shall be prepared in	Prior to construction and/or issuance of a demolition or building permit.	The Parks Recreation and Libraries Director shall ensure that the ranch complex resources are preserved and mitigation measures are implemented.

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	moving personnel, including construction workers, inspectors and supervisors, will receive Cultural Resources Awareness Training prior to commencement_of any ground-disturbing activity. The training will include instruction on: (1) the possibility of unearthing cultural artifacts, fossils and deposits; (2) the types of artifacts, fossils and deposits that may be unearthed, including human remains, and how to recognize them; (3) the importance of, and legal basis for, the protection of significant resources; and (4) the requirement that they immediately halt work within 50 feet of artifacts, archaeological deposits or human remains and within 50 feet of fossil discoveries. The training will also cover the protection of the historic buildings and the historic landscape that will be altered by either construction staging activities or new station entrances. Construction personnel will be advised to use caution to avoid unanticipated damage to the brick smokehouse and brick cooler, and the garden/landscape elements. All attendees will sign to	compliance with the National Parks Service standards. An architectural historian shall be consulted before the reuse and/or alteration of any buildings within the Fiddyment Ranch Main Complex.		
	verify that they understand			<u> </u>

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	the project cultural mitigation			
	requirements and will be			
	issued hard-hat stickers.			
	New personnel commencing			
	work on the project must			
	receive the training prior to			
	start of work.			
	Cultural Resources			
	Awareness Training will be			
	conducted by a qualified			
	archaeologist who meets the			
	Secretary of the Interior's			
	Standards and Guidelines for			
	Archaeology and Historic			
	Preservation (36 CFR Part			
	61). The worker education			
	will include visuals of artifacts			
	(prehistoric and historic) and			
	fossils that might be found in			
	the project vicinity.			
	Presentations for			
	management personnel may			
	be conducted as			
	presentations utilizing			
	computer software.			
	Presentations for field			
	construction crews (generally			
	less than 10 people) may be			
	conducted in the field as			
	tailboard flipbook			
	presentations.			
	MM 4.8-4 (b): Retain Portions of the Fiddyment Ranch Main Complex			
	If any future specific proposals propose altering or removing any part of the existing Fiddyment Ranch Main Complex (e.g., removing buildings), the City 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.			

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	MM 4.8-5: Record Historically Significant Resources			
	For any historically significant resource, the Fiddyment Ranch Main Complex, the record of the building resource 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 for a [Historical American Building Surveys (HABS)] Level 3 document. An archival copy of the record shall be deposited with the Placer County Museum. Non-archival copies will be contributed to the Placer County Historical Society and Roseville Historical Society. HABS level recordation shall include: The site-specific history and appropriate contextual information regarding the historic resource as presented in the NHP document for FRMC; Accurate mapping of the resource, scaled to indicate size and proportion of each structure; Architectural descriptions; Photo documentation of the resource per HABS standards, captured by digital camera, with both detailed and context photographs e; and			
	 The creation of interpretive or measured architectural drawings to document the physical aspects of the resource. 			
	MM 4.8-6: Rehabilitate and Reuse Historically Significant Properties Prior to approval of reuse and/or alteration if of any of the identified resources of the Fiddyment Ranch Main Complex, including the gardens, 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 historic properties should be rehabilitated			

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	and adaptively reused in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties and the Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings (Grimmer and Weeks, 1995; revised by Grimmer, 2017). Finish materials, case work, and trim on the interior should be restored and/or reused where feasible.			
Impact 4.8-3: Disturb unknown paleontological resources during site preparation	MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and Recommendations Implemented 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	This measure shall be reflected in all construction and building plans and permits. The City Engineer shall review plans for inclusion prior to issuance of building permits.	During construction, as a condition of Grading and Building Permits.	The City Engineer and Code Enforcement Officer shall ensure that the construction contractors comply with measures.
Impact 4.13-2: New sources of light and glare. (Land Use, and Biological Impacts)	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.	The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/ or high-intensity illumination from the project.	Prior to building permit issuance	The Parks, Recreation and Libraries Director shall review the proposed park plans and ensure that nighttime lighting is directed away from residences and open space corridors.

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	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 Oite shall		
Impact 4.9-1 Soil contamination	MM 4.9-1: Identify and Remediate Soil Contamination 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. 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	The City shall ensure that any soil contamination is remediated	Prior to construction	The Development Services Director, Building Official and Code Enforcement Officer shall ensure that the measures are implemented.

Impact	Mitigation Measure	Implementation	Timing	Reviewing Party
	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.			