



CITY OF ROSEVILLE

ROSEVILLE REGIONAL WASTEWATER TREATMENT SERVICE AREA MASTER PLAN EIR MITIGATION MONITORING PROGRAM

November 6, 1996

Prepared for:
City of Roseville

Prepared by:
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ESA

ROSEVILLE REGIONAL WASTEWATER TREATMENT SERVICE AREA MASTER PLAN EIR

MITIGATION MONITORING PROGRAM

INTRODUCTION

The California Environmental Quality Act (CEQA), Section 21081.6(a)(1), requires public agencies, as part of the certification of an environmental impact report (EIR), to adopt a reporting or monitoring program for the changes made to the project or conditions of project approval that were adopted in order to mitigate or avoid significant environmental effects.

The Mitigation Monitoring Program (MMP) contained herein is intended to satisfy the requirements of CEQA as they relate to the Roseville Regional Wastewater Treatment Service Area Master Plan EIR. The MMP is intended to be used by city staff, participating agencies, project contractors, and mitigation monitoring personnel during implementation of the Master Plan.

The Roseville Regional Wastewater Treatment Service Area Master Plan EIR presents a detailed and complex set of mitigation measures that will be implemented over a period of years as Master Plan facilities are constructed and operated. The intent of the MMP is to ensure the effective implementation and enforcement of adopted mitigation measures and permit conditions. The MMP will provide for daily monitoring of construction activities as necessary, in-the-field identification and resolution of environmental concerns, and reporting to City staff. It will consist of the following components:

COMPLIANCE CHECKLIST

Table 1 contains a compliance monitoring checklist that provides a synopsis of all adopted mitigation measures, a suggested monitoring action, responsible entity, and timing of implementation.

FIELD MONITORING OF MITIGATION MEASURE IMPLEMENTATION

During construction of the Master Plan facilities, the City's construction inspector will be responsible for field monitoring of mitigation measure compliance. The inspector will report to

the Community Development Department, and will be thoroughly familiar with all plans and requirements set forth in the permit conditions and the MMP. In addition, the inspector will be familiar with construction contract requirements, construction schedules, standard construction practices, and mitigation techniques. The time commitment of the inspector will vary, depending on the intensity and location of construction. Aided by Table 1, the inspector will be responsible for the following activities:

- On-site, day to day monitoring of construction activities;
- Reviewing construction plans and equipment staging/access plans to ensure conformance with adopted mitigation measures;
- Ensuring contractor knowledge of and compliance with all appropriate permit conditions and the MMP;
- Evaluating the adequacy of construction impact mitigation measures, and proposing improvements to the contractors and Environmental Utilities Department staff;
- Having the authority to require correction of activities that violate project permit conditions or mitigation measures, or that represent unsafe or dangerous conditions. The inspector shall have the ability and authority to secure compliance with the conditions or standards through the Community Development Director, if necessary;
- Acting in the role of contact for property owners or any other affected persons who wish to register observations of violations of project permit conditions or mitigation measures, or unsafe or dangerous conditions. Upon receiving any complaints, the inspector shall immediately contact the construction representative. The inspector shall be responsible for verifying any such observations and for developing any necessary corrective actions in consultation with the construction representative and the City of Roseville Community Development Department.
- Maintaining prompt and regular communication with the Roseville Community Development Department, the Environmental Utilities Department, or other appropriate City agencies.
- Obtaining assistance as necessary from technical experts such as archaeologists and wildlife biologists in order to develop site-specific procedures for implementing the mitigation measures adopted by the City of Roseville for the Master Plan. For example, it may be necessary at times for an archaeologist to work in the field with the inspector and construction contractor to explicitly identify and mark areas to be avoided during construction; and
- Maintain a log of all significant interactions, violations of permit conditions or mitigation measures, and necessary corrective measures.

In the event that resolution of disputes between the public and/or governmental agencies and the project contractors regarding adherence to permit conditions and mitigation measures is not resolved by the inspector, the dispute shall be referred to the Community Development Director for resolution.

Field monitoring activities will be documented on a Compliance Monitoring Report. Attachment A contains a prototype Compliance Monitoring Report.

PLAN CHECK

Many mitigation measures will be monitored via plan check during various stages of Master Plan implementation. Environmental Utilities Department staff will be responsible for monitoring plan check mitigation measures. Table 1 identifies mitigation measures to be monitored during plan check for all components of the Master Plan.

**TABLE 1
MITIGATION MONITORING PROGRAM**

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
3.0 LAND USE, PLANS AND POLICIES					
3.1	Provide advance notice of construction.	The City of Roseville will provide advanced notice of the construction schedule (including mailed public notices, and published notices in a newspaper) to potentially affected community members.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to construction activities.
3.2	Acquire property and easements.	<p>The City of Roseville will acquire property and easements for the following facilities:</p> <ul style="list-style-type: none"> • pipeline easements of varying widths and lengths for construction and maintenance of transmission facilities, • approximately 100 acres for Pleasant Grove Creek WWTP site (either Site A or B) (Alternative 2 only), and • approximately 1 1/2 acres for Pump Station 1A site (Alternative 1 only). <p>Property owners will be compensated by the City at fair market value.</p>	City of Roseville Environmental Utilities Department.	City of Roseville Environmental Utilities Department	Prior to final approval of pipeline and facility improvement plans.
3.3	Encourage Placer County to prohibit future residential development within 1,000 feet of City wastewater treatment plants, such as through the existing Special Purpose (SP) zoning overlay mechanism.	The City of Roseville will encourage Placer County to prohibit incompatible residential development near the existing Dry Creek WWTP and the future Pleasant Grove Creek WWTP (under Alternative 2). The City can express its preferences via a letter to the County Board of Supervisors and contact between planning department staff at each jurisdiction. The existing SP Combining Zone designation may be used as a means to control incompatible development near the sites.	City of Roseville Community Development Department	City of Roseville Community Development Department	Immediately upon selection of Alternative 1 or Alternative 2.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
3.4	Annex new facility sites.	To the extent feasible, the City of Roseville will annex the following sites: <ul style="list-style-type: none"> • Pump Station 1A (Alternative 1 only), • Pleasant Grove Creek WWTP site (either Site A or B, Alternative 2 only) 	City of Roseville Community Development Department	City of Roseville Community Development Department	Upon selection of Alternative 1 or Alternative 2.
4.0 BIOLOGICAL RESOURCES					
4.1	Avoid oak trees to the extent possible; identify all trees to be removed and protected.	Retain an arborist to perform a field survey within project sites, as well as work with project engineers to avoid impacts to oaks during final pipeline alignment and facility layout design.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and Placer County Planning Department	During the final facility layout design and pipeline alignment and prior to construction.
4.2	Avoid wetlands/vernal pools, to the extent possible; identify the location and acreage of wetlands to be affected.	Retain a qualified biologist to survey and map wetlands within project sites as well as work with project engineers to avoid wetland impacts during final pipeline alignment and facility layout design.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	During the final facility layout design and pipeline alignment.
4.3	Avoid impact to the blue oak savannah/riparian corridor at Dry Creek WWTP to the extent possible.	During final design, the City of Roseville will consult with a biologist to refine facility siting and avoid impacts to this habitat to the maximum extent possible.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	During the final facility layout design and pipeline alignment.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
4.4	Include mitigation measures in construction contracts.	The Environmental Utilities Department will review plans and specifications to insure incorporation of mitigation measures.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to releasing bid documents.
4.5	Manage construction activities.	The Environmental Utilities Department will oversee construction activities which will consist of restrictions on worker and equipment access, management of construction parking and staging, performing orientation with workers, and restricting construction activities to daylight hours.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to and during construction activities.
4.6	Flag, fence and protect sensitive biological resource areas during construction.	The Community Development Department will ensure that temporary flagging, fencing, signs, and other marking devices are used to identify sensitive biological resource areas.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	Prior to construction activities.
4.7	Identify and protect active raptor nests.	Retain a qualified ornithologist to perform pre-construction surveys to be conducted between March 15 and June 15. Avoid construction activities near active nests and consult with California Department of Fish and Game.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	Prior to and during construction activities.
4.8	Mitigate for oak tree removal in compliance with Roseville and Placer County tree preservation ordinances.	The Community Development Department will ensure that tree removal and pruning is performed adequately, and that replacement trees are planted in appropriate numbers and are monitored consistent with Roseville and Placer County standards.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and Placer County Planning Department	Prior to, during, and after construction activities.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
4.9	Restore or enhance oak riparian, willow scrub, and oak savannah habitats.	The Community Development Department will retain a qualified biologist and will comply with California Department of Fish and Game requirements for replacement habitat. All restoration and enhancement areas will be monitored by a certified arborist.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	Prior to, during, and after construction activities.
4.10	Preserve and create wetland habitat.	The Community Development Department will ensure that preserved and created wetland habitats and acreages are accurate and created wetlands are successful in the long term.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	During and after construction activities.
4.11	Preserve and relocate dwarf downingia and legenere populations.	The Community Development will ensure that necessary seeds and data are collected and the dwarf downingia and legenere populations are properly relocated.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	Season prior to construction.
4.12	Preserve/relocate vernal pool fairy shrimp populations, as well as potential populations of vernal pool tadpole shrimp.	The Community Development Department will adhere to U.S. Fish and Wildlife standards for creation and preservation ratios, relocation of eggs, and monitoring guidelines.	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to construction activities.
4.13	Conduct monitoring for oak mortality along Dry Creek and/or Pleasant Grove Creek.	Ensure that the oak mortality monitoring program is implemented for at least the first seven years of discharge to the creeks. Monitoring will consist of aerial photo review and field confirmation, if necessary.	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to and after project implementation.
4.14	Maintain a baseline effluent discharge to Dry Creek.	Ensure that a baseline discharge of 4 million gallons per day of effluent water flow down Dry Creek for instream beneficial uses.	City of Roseville Environmental Utilities Department	Regional Water Quality Control Board	During project operation.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
5.0 GEOLOGY, SOILS, AND SEISMICITY					
5.1	Restoration of ground surface.	Construction contract specifications will include compaction and recontouring requirements. The City of Roseville construction inspector will verify compaction and surface recontouring.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	During construction activities.
5.2	Tunnel or bore crossings of selected streams.	Construction contract specifications will include bore and jack locations. The City of Roseville construction inspector will verify use of appropriate pipeline installation methods during construction.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	During construction activities.
5.3	Require soil stockpiling and disposal standards.	Construction contract specifications will include appropriate soil stockpiling and disposal practices. The City of Roseville construction inspector will routinely verify compliance during construction.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	During construction activities.
5.4	Design velocity-reducing outfalls.	Outfall designs will be reviewed to ensure that creek bank erosion does not occur. The outfall designs will be approved prior to the issuance of construction contracts. Installation of outfalls will be monitored for compliance with approved plans and specifications during construction.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	Prior to outfall construction.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
5.5	Prepare erosion and sedimentation control plan.	The Environmental Utilities Department will prepare the plan in consultation with the Community Development Department. Plan requirements will be included in contract specifications and monitored routinely in the field by the City of Roseville construction inspector.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	Prior to and during construction activities.
5.6	Implement recommendations of geotechnical report.	The recommendations of the design-level geotechnical report will be included as specifications in construction contracts. Compliance with specifications will be monitored by the City of Roseville construction inspector.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to and during construction activities.
6.0 HYDROLOGY AND FLOODING					
6.1	Determine boundaries of 100-year floodplain.	The Environmental Utilities Department, in consultation with the Placer County Flood Control and Water Conservation District, will conduct a study to identify water surface elevations prior to final design of facilities. The 100-year floodplain will be mapped on construction plans to ensure project facilities are not located in the 100-year floodplain.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and Placer County Flood Control and Water Conservation District	Prior to final approval of pipeline and facility improvement plans.
6.2	Provide treated effluent storage detention onsite.	As part of project design, effluent detention facilities will be designed to limit downstream peak flows. The Environmental Utilities Department will ensure that effluent detention is incorporated into project design.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of facility improvement plans.

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MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
6.3	Perform channel monitoring.	The Environmental Utilities Department will conduct channel long-term monitoring of creeks prior to construction, and then biannually, beginning in the second year of discharge from each outfall. Evaluation of channel roughness, changes in capacity, and recommendations for remedial flood control measures will be made by a qualified hydrologic engineer, if necessary.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to construction activities to determine baseline conditions; bi-annually after project implementation.
6.4	Flood-proof access road to Pleasant Grove Creek WWTP Sites A and B.	As part of project design (under Alternative 2), raising of Phillips Road above the 100-year floodplain or developing a new access road outside the 100-year floodplain will be included in facility construction plans.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of facility improvement plans.
7.0 WATER QUALITY					
7.1	Dispose of pumped groundwater properly.	Construction contract specifications will include requirements for proper disposal of pumped groundwater. The City of Roseville construction inspector will monitor dewatering operations as they occur during construction.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	During construction activities.
7.2	Install advanced treatment facilities.	The Environmental Utilities Department will install advanced treatment facilities if required by the Regional Water Quality Control Board (RWQCB).	City of Roseville Environmental Utilities Department	Regional Water Quality Control Board	As required by RWQCB.
7.3	Institute metals source controls/pretreatment.	The Environmental Utilities Department will institute increased source control on its existing pretreatment and monitoring program to reduce water quality effects of high metal concentration.	City of Roseville Environmental Utilities Department	Regional Water Quality Control Board	Ongoing during project operation.

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MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
7.4	Install cooling towers if necessary.	Routine effluent temperature monitoring will indicate whether cooling towers are required at the treatment plant sites. If required, the Environmental Utilities Department will ensure cooling towers are installed.	City of Roseville Environmental Utilities Department	Regional Water Quality Control Board	Ongoing during project operation.
7.5	Install manhole covers above 100-year flood elevations.	Ensure that pipeline and facility plans show manholes above the 100-year floodplain and watertight construction for manholes subject to flooding.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of pipeline and facility improvement plans.
8.0 AIR QUALITY					
8.1	Perform dust control.	Construction contract specifications will include proper dust control measures. The City of Roseville construction inspector will routinely monitor dust control measures during construction.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	During construction activities.
8.2	Obtain air quality permit.	The Environmental Utilities Department will comply with requirements set forth by the Placer County Air Pollution Control District (PCAPCD) as part of the "Authority to Construct Permit."	City of Roseville Environmental Utilities Department	Placer County Air Pollution Control District	Prior to construction activities.
8.3	Obtain BACT/emission offsets.	This requirement will be incorporated into project design specifications and will conform to PCAPCD requirements.	City of Roseville Environmental Utilities Department	Placer County Air Pollution Control District	Prior to final approval of facility improvement plans.

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MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
8.4	Maintain health risk performance standard.	The Environmental Utilities Department will incorporate a health risk standard into any air toxics inventory that is conducted, if required.	City of Roseville Environmental Utilities Department	Placer County Air Pollution Control District	During the development of an air toxics inventory.
8.5	Install odor control systems.	Wastewater treatment plant and Pump Station 1A design specifications will contain requirements for odor control systems.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of facility improvement plans.
9.0 NOISE					
9.1	Limit construction hours.	This requirement will be included in construction contract specifications, and will be routinely monitored by the City of Roseville construction inspector during construction.	City of Roseville Environmental Utilities Department and contractor	City of Roseville Environmental Utilities Department	During construction activities.
9.2	Install centrifugal fans with acoustical treatment.	Centrifugal blowers will be specified in the project design.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of facility improvement plans.
10.0 PUBLIC HEALTH AND SAFETY					
10.1	Develop a cross-connection control program.	The cross-connection control program will be developed by the Environmental Utilities Department, in consultation with California Department of Health Services, as required by Title 17 of the CCR.	City of Roseville Environmental Utilities Department	California Department of Health Services	Prior to final approval of pipeline layout improvement plans, and project operations.

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MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
10.2	Evaluate suitability of reclaimed water use sites.	The Environmental Utilities Department will evaluate suitability of user sites prior to completing design of the reclaimed water irrigation system.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of pipeline layout improvement plans.
10.3	Require use permits for individual reclaimed water users.	The Environmental Utilities Department is currently developing a use permit and monitoring program for reclaimed water use, and will consist of irrigation standards and restrictions as well as monitoring activities.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	As specified in the Environmental Utilities Department reclaimed water use permit and monitoring program.
10.4	Maintain buffer zones between irrigated areas and domestic wells.	The Environmental Utilities Department will develop buffer zones between irrigated areas and domestic wells based on recommendations of the California Department of Health Services and the Regional Water Quality Control Board.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to operation of reclaimed water irrigation system.
10.5	Monitor nitrate levels in reclaimed water and adjust application rates.	The Environmental Utilities Department will monitor nitrate levels in accordance with Regional Water Quality Control Board standards.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Quarterly, during operation of reclaimed water irrigation system.
10.6	Maintain a 50-foot distance between drinking water wells and wastewater pipelines.	This requirement will be included in construction contract specifications. Pipeline layout plans will be reviewed by the Environmental Utilities Department to ensure adequate distance from water wells.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of pipeline and facility improvement plans.
10.7	Consult with the Mosquito Abatement District.	The Environmental Utilities Department will consult with the Mosquito Abatement District to ensure reclaimed water for agricultural irrigation does not significantly increase mosquito populations.	City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to providing reclaimed water for agricultural uses.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
10.8	Improve the safety of the chemical storage and use area.	Wastewater treatment plant design specifications will include safe and adequate chemical storage and use to ensure public safety.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final facility improvement plans.
11.0 TRANSPORTATION AND CIRCULATION					
11.1	Schedule construction trips outside of peak commute hours to the greatest extent possible.	Construction contract specifications will include a requirement for scheduling of truck trips during non-peak hours. The City of Roseville construction inspector should routinely monitor this requirement during construction.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	During construction activities.
11.2	Prepare traffic control plans.	This requirement will be included in construction contract specifications and will be monitored by the City of Roseville construction inspector.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and Placer County Public Works Department	During construction activities.
11.3	Use steel trench plates.	Construction contracts will contain this requirement. The City of Roseville construction inspector will routinely monitor compliance.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	During construction activities.
11.4	Notify public of construction.	Notification requirements will be included in construction contract specifications, as well as performed by City of Roseville staff.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	Prior to construction activities.
11.5	Schedule work to minimize obstruction of circulation.	Construction scheduling requirements will be specified in contract documents and will be monitored by the City of Roseville construction inspector.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	During construction activities.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
11.6	Notify emergency providers.	The Environmental Utilities Department will be responsible for notifying emergency providers of construction activities.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to construction activities.
11.7	Coordinate with transit services.	The Environmental Utilities Department will coordinate with City of Roseville and Placer County transit services regarding construction activities.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to construction activities.
11.8	Conduct preconstruction and post-construction surveys of road conditions.	The Environmental Utilities Department will ensure that the construction contract specifications include roadway surveys to be done in consultation with the City of Roseville and Placer County. Repair of roadway damage caused by project construction will also be included in the construction contract specifications.	City of Roseville Environmental Utilities Department, Placer County Public Works Department, and the contractor	City of Roseville Environmental Utilities Department and Placer County Public Works Department	Pre-surveys prior to construction activities. Post-surveys and road repair immediately after construction activities.
12.0 UTILITIES, ENERGY USE, AND PUBLIC SERVICES					
12.1	Identify and relocate existing utilities.	The Environmental Utilities Department will review plans and specifications to ensure that utilities and utilities to be relocated are identified on the plans.	City of Roseville Environmental Utilities Department, Placer County Facilities Department, and the contractor	Placer County Facilities Department	Prior to final approval of pipeline and facility improvement plans.
12.2	Require use of energy efficient motors, lighting and other equipment.	This requirement will be incorporated into project design. The Environmental Utilities Department will review plans to ensure energy efficient equipment is used.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to final approval of facility design and specifications.

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TABLE 1
MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
12.3	Beneficial use of sludge.	The Environmental Utilities Department will evaluate beneficial uses of sludge in conformance with California Department of Health Services and Regional Water Quality Control Board standards.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department	Prior to and during project operations.
13.0 VISUAL RESOURCES					
13.1	Provide landscape screening around pump stations and treatment plants.	The City of Roseville will retain the services of a licensed landscape architect, and will review the landscape plans to ensure proper screening of facilities. The City of Roseville construction inspector will inspect as-built landscape conditions.	City of Roseville Environmental Utilities Department	City of Roseville Community Development and/or City of Roseville Parks and Recreation Department	Prior to final approval of facility plans and upon completion of landscape installation.
14.0 CULTURAL RESOURCES					
14.1	Determine the significance and boundaries of CA-Pla-138.	A qualified archaeologist will be retained to determine the boundaries of CA-Pla-138, its potential eligibility for entry into the California Register of Historic Resources, and potential conflicts with project facilities.	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	City of Roseville Community Development Department	Prior to disturbance of property in the vicinity of CA-Pla-138.
14.2	Perform subsurface testing on first isolate.	A qualified archaeologist will be retained to perform subsurface testing on the two pestle sites and possible anvil site.	City of Roseville Community Development Department and City of Roseville Environmental Utilities Department	City of Roseville Community Development Department	Prior to final approval of pipeline and facility improvement plans.

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MITIGATION MONITORING PROGRAM (Continued)

No.	Mitigation Measure	Monitoring Action	Responsibility (I)	Responsibility (M)	Timing
14.3	Halt work if cultural resources are discovered.	This requirement will be made a part of construction contract specifications. The City of Roseville construction inspector has the authority to halt construction if culturally sensitive materials are discovered during construction.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	During construction.
14.4	Halt work if human remains are encountered.	This requirement will be made a part of construction contract specifications. The City of Roseville construction inspector has the authority to halt construction if human remains are encountered during construction.	City of Roseville Environmental Utilities Department	City of Roseville Environmental Utilities Department and City of Roseville Community Development Department	During construction.

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ATTACHMENT A

Compliance Monitoring Report

Attachment A
Roseville WWTP Master Plan
Compliance Monitoring Report

Date/Time: _____ Location: _____
Project Name: _____ Project #: _____
Monitor: _____
Mitigation #(s): _____

Mitigation Phase: In Progress
 Follow-Up Required
 Final Verification

Compliance Status: Acceptable
 Unacceptable
 Remediation Implemented
 Follow-Up Required

Observations/Remarks:

Recommendations:

Copies To: _____ Monitor's Signature: _____
