

Summary Form for Electronic Document Submittal**Form F**

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: Comunidad Nuevo Lago Mobile Home Park Sewer Consolidation ProjectLead Agency: Malaga County Water DistrictContact Name: Charles Garabedian, Board PresidentEmail: _____ Phone Number: (559) 485-7353Project Location: unicorporated Fresno County
City *County*

Project Description (Proposed actions, location, and/or consequences).

See attached Project Description

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

See attached Mitigation, Monitoring, and Reporting Program Plan

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

No known areas of controversy.

Provide a list of the responsible or trustee agencies for the project.

Not applicable

Project Description

The Project proposes to construct a new lift station at the MHP, a new force main from the MHP to the MCWD Sphere of Influence (SOI) boundary at American Ave and Chestnut Ave, and a gravity sewer main as master planned to the point of connection with the existing MCWD sewer collection system. This includes extending the 15-inch sewer main in Maple Avenue from the WWTF to Malaga Avenue, a 12-inch sewer main in Malaga Avenue from Maple to Chestnut, then south in Chestnut to American Avenue. Extension of the gravity sewer line would allow for service of the area without the requirement for existing private lift stations which serve a few properties along the proposed pipeline route. Extension of the new 12-inch pipeline in Malaga Avenue would include the abandoning the existing 6-inch sewer main in Malaga Avenue and connection of the existing services to the new sewer main. Extension of the 12-inch diameter pipeline in Malaga Avenue would also allow for the connection of several properties that are presently served by septic tanks and leach fields. Similarly, extension of the new 12-inch sewer main in Chestnut Avenue south of Malaga would include the elimination of the existing 6-inch pipeline and relocation of the existing services to the new sewer main. The Project would also include improvements to the existing MCWD WWTF. This includes demolishing the equipment in the Dissolved Air Flotation (DAF) basin, installing one recirculating pump in the 3rd aeration basin, installing oil and grease removal in grit chamber, modifying the air piping, installing recirculation flow meter and sludge flow meters, removal of berms between disposal pond 1, 2 and 5, replacing one influent pump, replacing one blower, and constructing new circular clarifiers. Once the connection to the MCWD is completed, the existing MHP WWTF would need to be properly demolished.

The proposed force main would be four (4) inches in diameter and approximately 4,000 linear feet (LF) long. The force main will include crossing of two Fresno Irrigation District Canals (Oleander Canal and Washington Colony Canal) by either jack and bore or directional drilling. The 15-inch gravity sewer main would be approximately 2,300 LF. The 12-inch gravity sewer main would be approximately 5,300 LF. The design includes twenty (20), 4-ft diameter manholes along the gravity sewer main alignment.

Consolidation Process

The Project would not require MCWD to update its SOI and annex the MHP. While the MHP is outside of the MCWD SOI and service area, MCWD would be willing to enter into an Outside Agency Service Agreement (Agreement) pursuant to Government Code Section 56133.

Operations during Construction

Impacts to both treatment plants operations would need to be minimized during construction. This would be primarily accomplished by effective scheduling of work activities, with some temporary bypass of flows.

Installation of pipelines, absent the final connections to the existing systems and discharges to the MCWD WWTF, would be completed concurrently with other tasks. Traffic control, dust control, and worker protection would be accomplished throughout the duration of construction so as to minimize impacts to the MHP, MCWD, and the public. Detours of traffic and exclusion of pedestrians from the work area are routinely managed by construction contractors and would be coordinated with the MHP and MCWD for work affecting the respective facilities.

It is a basic requirement that each downstream portion of the improvements be completed prior to upstream components being placed into service:

- MCWD WWTF disposal ponds must be ready to receive treated wastewater for disposal prior to the MCWD WWTF discharge pipeline being placed in service.
- MCWD WWTF process improvements must be complete to ensure wastewater discharges meet WDRs prior to receiving flows from the MHP.
- The MCWD gravity pipeline needs to be completed and ready to receive flows prior to the MHP force main receiving flows from the MHP lift station. Diversion of the MHP collection system to the new lift station can only take place after all prior portions of the project are complete.
- The MHP collection system must be connected to the new lift station prior to decommissioning and demolition of MHP WWTF and ponds.

The MHP lift station would be sited in a manner such that it can be completed offline from the collection system without impacting the operation of the existing plant. On completion of the lift station, a manhole would be constructed to intercept the collection system upstream of the MHP WWTF. When all downstream components are complete, flows would be diverted and the MHP collection system connection to the MHP WWTF would be severed. Decommissioning of the MHP WWTF would then proceed.

The effluent disposal facilities improvements at the MCWD WWTF, consisting of the pond modifications, can take place concurrently with work at the MHP and other areas in the Fresno County right-of-way (ROW).

Improvements and repairs within the plant, such as replacement of an influent screw pump, replacement of a blower, addition of a recirculation pump, modifications to the anoxic basin, and installation of clarifiers can be accomplished by utilizing existing redundancy in the facilities to isolate work areas or installation of temporary bypass piping and pumping.

The new circular clarifiers would need to be sited outside the footprint of the existing plant and connection of piping coordinated with the treatment plant operator to minimize disruption to the operation of the rectangular clarifiers, at least one of which would need to remain in service throughout.

Construction Schedule

Construction is anticipated over approximately 24 months. Generally, construction would occur between the hours of 6 am and 6 pm, Monday through Saturday, excluding holidays. Construction would require temporary staging and storage of materials and equipment onsite.

Equipment

Construction equipment would likely include excavators, backhoes, graders, loaders, saws, compactors, hauling trucks, and water trucks.

Operation and Maintenance

The newly installed gravity sewers and all infrastructure within the MCWD existing boundaries would be owned, operated, and maintained by MCWD. The MHP sewer collection system upstream of the lift station would remain the responsibility of the MHP. The lift station would be situated on MHP property, leaving the MHP responsible for its operation and maintenance.

CHAPTER 5 MITIGATION, MONITORING, AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) for the Project in Fresno County. The MMRP lists mitigation measures recommended in the IS/MND for the Project and identifies monitoring and reporting requirements.

Table 5-1: Mitigation, Monitoring, and Reporting Program presents the mitigation measures identified for the Project. Each mitigation measure is numbered with a symbol indicating the topical section to which it pertains, a hyphen, and the impact number. For example, AIR-2 would be the second mitigation measure identified in the Air Quality analysis of the IS/MND.

The first column of **Table 5-1: Mitigation, Monitoring, and Reporting** Program identifies the mitigation measure. The second column, entitled “When Monitoring is to Occur,” identifies the time the mitigation measure should be initiated. The third column, “Frequency of Monitoring,” identifies the frequency of the monitoring of the mitigation measure. The fourth column, “Agency Responsible for Monitoring,” names the party ultimately responsible for ensuring that the mitigation measure is implemented. The last columns will be used by the Lead and Responsible Agencies to ensure that individual mitigation measures have been complied with and monitored.

Table 5-1: Mitigation, Monitoring, and Reporting Program

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
Biological Resources						
General Project-Related Impacts						
BIO-1	<p>(WEAP Training): Prior to initiating construction activities (including staging and mobilization), all personnel associated with project construction will attend a mandatory Worker Environmental Awareness Program (WEAP) training, conducted by a qualified biologist (someone familiar with the identification and habitats of these species), to aid workers in identifying special status resources that may occur in the Project site. The specifics of this program will include identification of the sensitive species and suitable habitats, a description of the regulatory status and general ecological characteristics of sensitive resources, and review of the limits of construction and mitigation measures required to reduce impacts to biological resources within the work area. This training will discuss special status species, describe the laws and regulations in place to provide protection of these species, identify the penalties for violation of applicable environmental laws and regulations, and include a list of required protective measures to avoid “take.” A fact sheet summarizing this information, along with photographs or illustrations of sensitive species with potential to occur on the Project site, will also be prepared for distribution to all contractors, their employees, and all other personnel involved with construction of the project. All trainees will sign a form documenting that they have</p>	Prior to the start of any construction activities	As needed for any new construction personnel during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	attended WEAP training and understand the information presented to them.					
BIO-2	<p>(BMPs): The Project proponent will require that all workers employ the following BMPs in order to avoid and minimize potential impacts to special status species:</p> <ul style="list-style-type: none"> Vehicles will observe a 15-mph speed limit while on unpaved access routes. All open trenches, holes, sumps, and other excavations greater than 6-inches with sidewalls steeper than a 1:1 (45 degree) slope will have an escape ramp of earth or a non-slip material with a less than 1:1 slope or these will be covered with barrier material such that animals are unable to dig or squeeze under the barrier and become entrapped. Workers will inspect areas beneath parked vehicles, equipment, and materials prior to mobilization. If special status species are detected, the individual will either be allowed to leave of its own volition or will be captured by the qualified biologist (must possess appropriate collecting/handling permits) and relocated out of harm's way to the nearest suitable habitat beyond the influence of the project work area. "Take" of a state or federal special status (rare, California Species of Special Concern, threatened, or endangered) species is prohibited without the 	Prior to the start of any construction activities	During Construction	MCWD	Report	

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	<p>necessary federal or state take permit(s).</p> <ul style="list-style-type: none"> The presence of any special status species will be reported to the project's qualified biologist, who will submit the occurrence to the CNDDDB. If necessary, the biologist will report the occurrence to CDFW and/or USFWS. 					
Project-Related Mortality and/or Nest Abandonment of Migratory Birds, Raptors, and Special Status Birds						
BIO-3	(Avoidance): The project's construction activities will occur, if feasible, between September 16 and January 31 (outside of the nesting bird season) to avoid impacts to nesting birds.	September 16 to January 31	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
BIO-4	(Pre-construction Surveys): If activities must occur within nesting bird season (February 1 to September 15), a qualified biologist will conduct a one-time take avoidance survey for Swainson's hawk nests onsite and within a 0.5-mile radius within ten (10) calendar days prior to the start of construction. This survey will be conducted in accordance with the <i>Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley</i> (Swainson's Hawk Technical Advisory Committee, 2000), or current guidance. The survey would also include inspecting for nesting migratory birds within up to 50 feet outside of the Project site and for other nesting raptors within up to 450 feet outside of the Project site. All raptor nests would be considered "active" upon the nest-building stage. If no active nests are observed, no further mitigation is required. If construction is delayed or halted for more than ten (10)	Ten (10) days prior to the start of construction activities	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	days, another pre-construction survey for nesting birds will be conducted.					
BIO-5	(Avoidance Buffers): On discovery of any active nests or breeding colonies near work areas, a qualified biologist will determine appropriate avoidance buffer distances based on applicable CDFW and/or USFWS guidelines, the biology of the species, conditions of the nest(s), and the level of project disturbance.	Upon discovery of any active nests or breeding colonies	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
Project-Related Mortality and/or Disturbance to Burrowing Owl						
BIO-6	(Pre-construction Take Avoidance Survey): A qualified biologist (someone familiar with the identification and sign of this species) will conduct a pre-construction take avoidance survey for BUOW and suitable burrows, in accordance with CDFW's <i>Staff Report on Burrowing Owl Mitigation</i> (2012), within seven (7) days prior to the start of construction activities. The survey will include the proposed work area and accessible surrounding land up to 500 feet. If construction is delayed or halted for more than seven (7) days, another pre-construction survey for BUOW will be conducted. If no BUOW individuals or active burrows are observed, no further mitigation is required.	Seven (7) days prior to the start of construction activities	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
BIO-7	(Avoidance): If an active BUOW burrow is detected, avoidance buffers will be implemented. A qualified biologist will determine appropriate avoidance buffer distances based on CDFW's 2012 <i>Staff Report on Burrowing Owl Mitigation</i> , the biology of BUOW, conditions of the burrow(s), and the level of project disturbance. If necessary, avoidance buffers will be identified with flagging, fencing, or	Upon discovery of active BUOW burrow	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	

Mitigation, Monitoring, and Reporting Program																															
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance																									
	other easily visible means, and will be maintained until the biologist has determined that the nestlings have fledged and all BUOW have left the project area. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="5">Level of Disturbance</th> </tr> <tr> <th>Location</th> <th>Location</th> <th>Location</th> <th>Location</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> </tr> <tr> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> </tr> <tr> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> <td>Nesting sites</td> </tr> </tbody> </table>	Level of Disturbance					Location	Location	Location	Location	Location	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites					
Level of Disturbance																															
Location	Location	Location	Location	Location																											
Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites																											
Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites																											
Nesting sites	Nesting sites	Nesting sites	Nesting sites	Nesting sites																											
BIO-8	(ITP and Passive Relocation): If an active BUOW burrow is detected within the proposed work area and cannot be avoided, it is recommended the project obtain an Incidental Take Permit (ITP) in order to implement protection plans and/or relocation plans in consultation with CDFW and/or USFWS and protect the project from “take” of this species.	Upon discovery of active BUOW burrow	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report																										
Project-Related Mortality and/or Disturbance to Northwestern Pond Turtle																															
BIO-9	(Pre-construction Survey and Avoidance Buffers): Within seven (7) days prior to the start of construction, a qualified biologist (someone familiar with the identification and habitat of this species) will conduct a pre-construction survey for northwestern pond turtle within the Project site and surrounding areas up to 330 feet. Pre-construction surveys will be conducted in accordance with the draft <i>Western Pond Turtle (Emys marmorata) Visual Survey Protocol for the Southcoast Ecoregion</i> (United States Geological Survey, 2006), or current guidance. If no northwestern pond turtles are observed during the pre-construction survey, then construction activities may begin. If construction is delayed or halted for more than seven (7)	Seven (7) days prior to the start of construction activities	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report																										

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	days, another pre-construction survey for northwestern pond turtle will be conducted. If the surveys results in the identification of a northwestern pond turtle or an individual is found on the Project site during construction activities, it will be allowed to leave the Project site on its own and the qualified biologist will determine appropriate buffers to be implemented to avoid impacts to the individual.					
BIO-10	(Monitor): If northwestern pond turtles are observed on the Project site, a qualified biologist will conduct a pre-activity clearance survey each day and remain on the Project site to oversee all vegetation clearing and ground disturbing activities until the individual(s) have left the Project site.	Upon discover of northwestern pond turtles	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
BIO-11	(Formal Consultation): Should northwestern pond turtles get listed in this area and the project/qualified biologist needs to move an individual, consultation for protection plans and/or relocation plans with the appropriate agencies will be completed to avoid take.	During construction activities	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
Project-Related Impacts to Wildlife Movement Corridors and Native Wildlife Nursery Sites						
BIO-12	(Permits): If the project intends to impact jurisdictional waters, permits with USACE, RWQCB, and/or CDFW will be obtained to comply with state and federal regulations, if necessary. These permits, certifications, and agreements would ensure impacts to waters are minimized to the extent possible and permanent impacts would be offset by compensatory mitigation.	Prior to construction activities	Once, as determined by qualified biologist during construction activities	MCWD with assistance of a qualified biological subconsultant	Report	
Cultural Resources						
CUL-1	(Archaeological Remains): If previously unidentified archaeological remains are encountered during development or	Daily during construction activities	Continuously	MCWD	Report	

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	ground-moving activities in the Project site, all work should be halted until a qualified archaeologist can identify the discovery and assess its significance. In the event of accidental discovery of unidentified archaeological remains during development or ground-moving activities in the Project site, all work shall be halted in the immediate vicinity until a qualified archaeologist can identify the discovery and assess its significance.					
CUL-2	(Human Remains): If human remains are uncovered during construction, the Fresno County Coroner is to be notified to investigate the remains and arrange proper treatment and disposition. If the remains are identified on the basis of archaeological context, age, cultural associations, or biological traits to be those of a Native American, California Health and Safety Code 7050.5 and PRC 5097.98 require that the coroner notify the NAHC within 24 hours of discovery. The NAHC will then identify the Most Likely Descendent who will be afforded an opportunity to make recommendations regarding the treatment and disposition of the remains.	Daily during construction activities	Continuously	MCWD	Report	
Cultural Resources						
GEO-1	Should paleontological resources be encountered on the Project site, all ground disturbing activities in the area shall stop. A qualified paleontologist shall be contacted to assess the discovery. Mitigation may include monitoring, recording the fossil locality, data recovery and analysis, and preparing a final report. Public educational outreach may also be appropriate. Upon completion of the assessment, a report documenting methods,	Daily during construction activities	Continuously	MCWD	Report	

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	findings, and recommendations shall be prepared and submitted to Fresno County for review, and (if paleontological materials are recovered) a paleontological repository, such as the University of California Museum of Paleontology					
Tribal Cultural Resources						
See Section 4.5.3 .						