Form F

Summary Form for Electronic Document Submittal

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: _	Fairmead-Chowchilla Wastewater Treatment F	Facility Connection Project
Lead Agency: _	City of Chowchilla	
Contact Name:	Jason Rogers, Director of Public Works	
Email: jrog	ers@cityofchowchilla.org	Phone Number:559-665-8615
Project Locatio	on: City of Chowchilla Wastewater Treatme	nt Plant and the Community of Fairmead in Madera County
	City	County

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

The proposed project would abandon the septic tanks and leach fields in Fairmead and direct wastewater flows through a new sewer trunk line to the City of Chowchilla's Wastewater Treatment Facility (WWTF) (Project). Approximately 175 residential connections, the Fairmead Elementary School, and a commercial property will be connected to the City of Chowchilla's WWTF. The proposed Project includes a collection system, pump station, force main and gravity main with wastewater treatment and disposal at the existing City of Chowchilla WWTF.

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

See mitigation measures provided.

Revised September 2011

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

There are no known areas of controversey.

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

SJVAPCD United States Dept. of Fish and Wildlife California Dept. of Fish and Wildlife Region #4 Regional WQCB #5F City of Chowchilla County of Madera

Impact No.	Mitigation Measure	Implementation Agency	Monitoring Agency	Date and Signature of Party Responsible for Verification of Compliance
Biological R	esources			
MM BIO-1	MM BIO-1: Within 14 days of the start of Project activities, a pre-activity survey for spiny-sepaled button celery, western spadefoot, western pond turtle, western burrowing owl, northern harrier, hoary bat, Yuma myotis, San Joaquin kit fox, and American badger shall be conducted by a qualified biologist knowledgeable in the identification of these species. The pre-activity survey should include survey of: (1) Aquatic resources and grassy areas with moist conditions including the wetlands, vernal pools, artificial basins, and road ditches to determine presence of spiny-sepaled button celery, (2) Aquatic resources within the BSA including Berenda Slough, canals and ditches, emergent wetlands, vernal pools, artificial basins, road ditches, and puddles to determine presence of western spadefoot; (3) Berenda Slough to determine presence of western pond turtle, (4) Annual grassland habitat, gores along SR 99, and berms along the canals/ditches to identify presence of burrowing owls and their burrows, (5) Annual grassland and dryland grain crops to identify	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

	presence of northern harries, (6) Annual grassland and the riparian habitat along			
	Berenda Slough to determine presence of American badgers and their dens, (7) Annual			
	grassland to determine presence of San Joaquin kit foxes and their dens, and (8)			
	Eucalyptus, cottonwood, and oak trees along Berenda Slough as well as the Road 16 bridge			
	to determine presence of roosting bats. The			
	transects shall be spaced at no greater than 30- foot intervals in order to obtain a 100 percent			
	coverage of the Project site and a 250-foot			
	buffer. Areas devoid of habitat incapable of supporting these species will not require			
	surveys. If no evidence of these special-status species is detected, no further action is			
	required.			
MM BIO-2	If spiny-sepaled button celery is documented during the pre-activity survey within the area of Project disturbance, the species occurrences shall be mapped using Geographic Information Systems (GIS) and shall be avoided to the most possible extent. If the spiny-sepaled button celery cannot be avoided and needs to be removed, the designated biologists shall assure that self-sustaining population of this species remains in place.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM BIO-3	Because there is potential for vernal pool fairy shrimp to occur within wetland W1 along Fairmead Boulevard, this wetland shall be avoided during construction of the proposed	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

	alignment to assure no impact to these species will occur. If avoidance is not feasible, protocol level survey following the <i>Survey Guidelines</i> <i>for the Listed Large Branchiopods</i> (USFWS 2015) shall be conducted during the wet season to determine presence/absence of this species. If vernal pool fairy shrimp are identified or it is assumed that vernal pool fairy shrimp are present, a Biological Opinion from the USFWS shall be required. Impacts to vernal pool fairy shrimp will be mitigated with habitat replacement at a three to one ratio with an approved mitigation bank.			
MM BIO-4	Because western spadefoot was identified during the reconnaissance survey within the BSA, Environmentally Sensitive Area (ESA) fencing capable of precluding western spadefoots from entering construction areas will be installed anywhere where western spadefoots would be identified during the pre- construction survey or during the duration of the Project. Fencing shall consist of 16-inch metal flashing or an equivalent material and shall be buried six inches below the ground surface, extending at least eight inches above the ground. No insecticides, herbicides, fertilizers, or other chemicals that might harm the western spadefoot will be used in the buffer zone.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

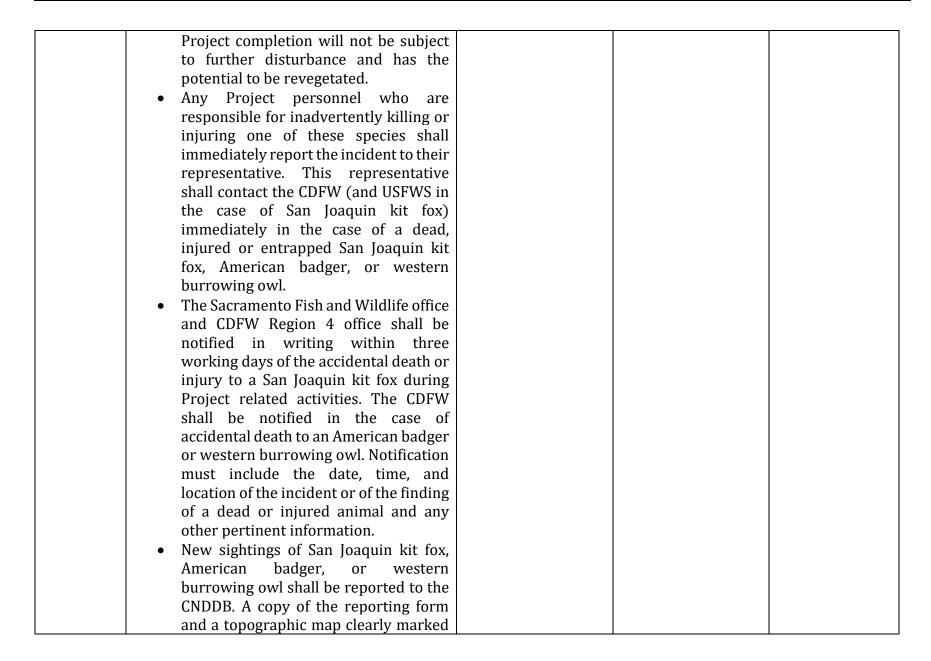
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MM BIO-5	If during the construction period the Berenda Slough is inundated, weekly examinations of slough shall occur to determine presence of western pond turtles. If western pond turtles are found in Berenda Slough, barrier fencing will be installed between the stream and upland habitat to prevent entrance into work areas along the banks of the slough. Fencing will consist of 16-inch metal flashing or an equivalent material and will be buried six inches below the ground surface, extending at least 8 inches above the ground. If western pond turtles are found in upland habitat within the work area, a 100-foot buffer will be set up around nearby construction zones to prohibit turtles from entering work areas, and turtles will be relocated to similar habitat in which they are found or in other suitable habitat (e.g., downstream) outside the 100-foot buffer.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM BIO-6	If Project activities must occur during the nesting season (February 15 to August 31), pre-activity surveys will be conducted for Swainson's hawk nests in accordance with the <i>Recommended Timing and Methodology for</i> <i>Swainson's Hawk Nesting Surveys in</i> <i>California's Central Valley</i> (CDFW 2020). The surveys will be conducted on and within 0.5- mile buffer of the Project. To meet the minimum level of protection for the species, surveys shall be conducted during at last two survey periods.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

MM BIO-7If an active Swainson's hawk nest is discovered at any time within 0.5 miles of active construction, a qualified biologist shallCity of Chowchilla/Project ContractorCity of Chowchilla/Project Inspector	
construction, a qualified biologist shall Contractor Inspector	
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complete an assessment of the potential for	
current construction activities to impact the	
nest. The assessment will consider the type of	
construction activities, the location of	
construction relative to the nest, the visibility	
of construction activities from the nest	
location, and other existing disturbances in the	
area that are not related to construction	
activities of this Project. Based on this	
assessment, the biologist will determine if	
construction activities can proceed and the	
level of nest monitoring required.	
Construction activities shall not occur within	
500 feet of an active nest but depending upon	
conditions at the site this distance may be	
reduced. Full-time monitoring to evaluate the	
effects of construction activities on nesting	
Swainson's hawks may be required. The	
qualified biologist shall have the authority to	
stop work if it is determined that Project	
construction is disturbing the nest. These	
buffers may need to increase depending on the	
sensitivity of the nesting Swainson's hawk to	
disturbances and at the discretion of the	
qualified biologist. Construction that requires	
coming within 500 feet of an active nest must	
obtain an Incidental Take Permit (ITP) from	
the California Department of Fish and Wildlife.	

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MM BIO-8	The following avoidance and minimization	City of	City of	
	measures will be implemented during all	Chowchilla/Project	Chowchilla/Project	
	phases of the Project to reduce the potential	Contractor	Inspector	
	for impact from the Project. They are modified			
	from the U.S. Fish and Wildlife Service			
	Standardized Recommendations for			
	Protection of the Endangered San Joaquin Kit			
	Fox Prior to or During Ground Disturbance			
	(USFWS, 2011).			
	Project-related vehicles shall observe a			
	daytime speed limit of 20-mph			
	throughout the site in all Project areas,			
	except on County roads and State and			
	federal highways.			
	• All Project activities shall occur during			
	daylight hours, but if work must be			
	conducted at night then a night-time			
	construction speed limit of 10-mph			
	shall be established.			
	• Off-road traffic outside of designated			
	Project areas shall be prohibited.			
	 To prevent inadvertent entrapment of 			
	• To prevent madvertent entrapment of kit foxes or other animals during			
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	construction of the Project, all			
	excavated, steep-walled holes or			
	trenches more than two feet deep shall			
	be covered at the close of each working			
	day by plywood or similar materials. If			
	the trenches cannot be closed, one or			
	more escape ramps constructed of			

earthen-fill or wooden planks shall be	
installed.	
Before holes or trenches are filled, they	
shall be thoroughly inspected for	
trapped animals. If at any time a	
trapped or injured kit fox is discovered,	
the USFWS and the CDFW will be	
contacted before proceeding with the	
work.	
• In the case of trapped animals, escape	
ramps or structures shall be installed	
immediately to allow the animal(s) to	
escape, or the USFWS and CDFW should	
be contacted for guidance.	
All construction pipes, culverts, or	
similar structures with a diameter of	
four inches or greater that are stored at	
a construction site for one or more	
overnight periods shall be thoroughly	
inspected for kit foxes and burrowing	
owls before the pipe is subsequently	
buried, capped, or otherwise used or	
moved in any way. If a kit fox is	
discovered inside a pipe, that section of	
pipe shall not be moved until the	
USFWS has been consulted. If	
necessary, and under the direct	
supervision of the biologist, the pipe	
may be moved only once to remove it	
from the path of construction activity,	
until the fox has escaped.	

 All food-related trash items such as wrappers, cans, bottles, and food scraps shall be disposed of in securely closed containers and removed at least once a week from a construction or Project site. No pets, such as dogs or cats, shall be permitted on the Project site. Project-related use of rodenticides and herbicides shall be restricted. A representative shall be appointed by the Project proponent who will be the contact source for any employee or contractor who might inadvertently kill or injure a kit fox or who finds a dead, injured or entrapped kit fox. The representative shall be identified during the employee education program and their name and telephone number shall be provided to the USFWS and CDFW. Upon completion of the Project, all areas subject to temporary ground disturbances (including storage and 	
number shall be provided to the USFWS and CDFW.	
areas subject to temporary ground	
pipeline corridors, etc.) shall be recontoured if necessary, and revegetated to promote restoration of	
the area to pre-Project conditions. An area subject to "temporary" disturbance means any area that is	
disturbed during the Project, but after	



	with the location of where a San Joaquin kit fox was observed should also be provided to the USFWS.			
MM BIO-9	If Project activities must occur during the nesting season (February 1 to September 15), pre-activity nesting bird surveys shall be conducted within seven days prior to the start of construction at the construction site plus a 250-foot buffer for songbirds and a 500-foot buffer for raptors (other than Swainson's hawk). If no active nests are found, no further action is required. However, existing nests may become active and new nests may be built at any time prior to and throughout the nesting season, including when construction activities are in progress. If active nests are found during the survey or at any time during construction of the Project, an avoidance buffer ranging from 50 feet to 500 feet may be required, with the avoidance buffer from any specific nest being determined by a qualified biologist. The avoidance buffer shall remain in place until the biologist has determined that the young are no longer reliant on the adults or the nest. Work may occur within the avoidance buffer under the approval and guidance of the biologist, but full-time monitoring may be required. The biologist shall have the ability to stop construction if nesting adults show any sign of distress.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

MM BIO-10	If sign of day roosting bats is identified within	City of	City of	
	the BSA during the pre-activity survey, a	Chowchilla/Project	Chowchilla/Project	
	follow up flyout inspection of the potential	Contractor	Inspector	
	roost shall be conducted at dusk. If rooting			
	bats are found to be present, then acoustical			
	sampling will be conducted to determine			
	species. If any special-status species bats or			
	maternity colony of bats are identified,			
	appropriate mitigation measures to avoid			
	impact and disturbance to these species will			
	be developed. If any other bats are identified			
	roosting during the maternity season (May			
	through August), measures to avoid impact			
	and disturbance to these bats will be			
	developed.			
MM BIO-11	During construction, all efforts shall be made	City of	City of	
	to avoid riparian habitat. The best method of	Chowchilla/Project	Chowchilla/Project	
	confronting the Berenda Slough's riparian	Contractor	Inspector	
	habitat would be to attach the pipeline to the			
	bridge that crosses the slough. Prior to			
	construction, an aquatic resource delineation			
	shall be completed to determine the amount			
	of riparian habitat within the Project site that			
	may be impacted by proposed activities. In			
	the event that riparian habitat is identified as			
	being impacted, consultation with the CDFW			
	shall be conducted to determine permitting			
	needs and, if required, impacts to trees and			
	vegetation in riparian habitat shall be			

MM BIO-12	Prior to construction, a wetland delineation shall be completed to determine the amount of wetlands within the Project site that may be impacted by the proposed Project using standard wetland delineation measures required by the USACE. In the event that wetland resources, permits from the USACE, RWQCB, and CDFW for impacts to wetland resources may need to be acquired. It is assumed that the Project will be granted a nationwide permit from the USACE. Under the nationwide permit, impacts to aquatic and wetland resources greater than 1/10 th of an acre shall be compensated by in-kind compensatory credits at an approved mitigation bank or by utilizing an in-lieu fee program.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
Cultural Resources				

MM CUL-1	At a minimum, a Worker Environmental Awareness Training shall take place with those responsible for work prior to earthwork.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM CUL-2	An archeological monitor shall be present during initial subsurface work on Maple Street, Sinclair Street, Elm Street, and Avenue 22 ½, Avenue 23 ¾, and Yates Avenue.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

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MM CUL-3	If prehistoric or historic-era cultural materials	City of	City of	
	are encountered during construction	Chowchilla/Project	Chowchilla/Project	
	activities, all work in the immediate vicinity of	Contractor	Inspector	
	the find shall halt until a qualified			
	archaeologist can evaluate the find and make			
	recommendations. Cultural resource			
	materials may include prehistoric resources			
	such as flaked and ground stone tools and			
	debris, shell, bone, ceramics, and fire-affected			
	rock as well as historic resources such as			
	glass, metal, wood, brick, or structural			
	remnants. If the qualified archaeologist			
	determines that the discovery represents a			
	potentially significant cultural resource,			
	additional investigations may be required to			
	mitigate adverse impacts from Project			
	implementation. These additional studies may			
	include avoidance, testing, and evaluation or			
	data recovery excavation. Implementation of			
	the mitigation measure below would ensure			
	that the proposed Project would not cause a			
	substantial adverse change in the significance			
	of a historical resource. Therefore, the Project			
	would have a less-than-significant impact			
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	with incorporation of mitigation measures.			

MM CUL-4	If human remains are discovered during	City of	City of	
	construction or operational activities, Section	Chowchilla/Project	Chowchilla/Project	
	7050.5 of the California Health and Safety	Contractor	Inspector	
	Code applies, and the following procedures		•	
	shall be followed: There shall be no further			
	excavation or disturbance of the area where			
	the human remains were found until the			
	County Coroner/Sheriff's Office is contacted.			
	Duly authorized representatives of the			
	Coroner shall be permitted onto the Project			
	site and shall take all actions consistent with			
	Health and Safety Code Section 7050.5 and			
	Government Code Section 27460, et seq.			
	Excavation or disturbance of the area where			
	the human remains were found or within 50			
	feet of the find shall not be permitted to			
	recommence until the Coroner determines			
	that the remains are not subject to the			
	provisions of law concerning investigation of			
	the circumstances, manner, and cause of any			
	death. If the Coroner determines the remains			
	are Native American, the Coroner shall			
	contact the NAHC within 24 hours, and the			
	NAHC shall identify the person or persons it			
	believes to be the "most likely descendant"			
	(MLD) of the deceased Native American. The			
	MLD may make recommendations to the			
	landowner or the person responsible for the			
	excavation work, for means of treating or			
	disposing of, with appropriate dignity, the			
	human remains and any associated grave			
	goods as provided in PRC Section 5097.98.			

Geology				
MM GEO-1	Prior to the start of earthwork, a qualified Project Paleontologist shall be retained to oversee the paleontological mitigation program and should attend the pre- construction meeting to consult with Project contractors concerning excavation schedules, paleontological field techniques, and safety issues.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM GEO-2	A paleontological monitor shall be onsite during all excavations along the Project alignment that will directly impact the Modesto Formation, Riverbank Formation, and Turlock Lake Formation, with the exception of horizontal drilling for jack and bore installation. The paleontological monitor should be equipped to salvage fossils as they are unearthed (including bulk matrix samples containing microvertebrate fossils) to avoid construction delays. Paleontological monitoring may be reduced (e.g., part-time monitoring or spot-checking) or eliminated, at the discretion of the Project Paleontologist and in consultation with appropriate agencies (e.g., Project proponent, City of Chowchilla representatives). Changes to the paleontological monitoring schedule shall be based on the results of mitigation program as it unfolds during site development, and current and anticipated conditions in the field.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

MM GEO-3	If fossils are discovered, the Project Paleontologist (or paleontological monitor) should make an initial evaluation to determine their significance. All identifiable vertebrate fossils (large or small) and uncommon invertebrate, plant, and trace fossils are considered to be significant and should be recovered. Representative samples of common invertebrate, plant, and trace fossils should also be recovered, all effort should be made to complete the recovery in a timely manner. It is important to keep in mind that some fossil specimens (e.g., a large mammal skeleton) may require an extended salvage period. Because of the potential for the recovery of a small fossil remains (e.g., isolated teeth of small vertebrates), it may be necessary to collect bulk-matrix samples for screen washing or to set up an onsite screen washing station.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM GEO-4	In the event that fossils are discovered during a period when a paleontological monitor is not on site (i.e., inadvertent discovery), earthwork within the vicinity of the discovery site shall temporarily halt, and the Project Paleontologist contacted to evaluate the significance of the discovery. If the inadvertent discovery is determined to be significant, the fossils shall be recovered, as outlined in MM GEO-3.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

MM GEO-5	Fossil remains collected during monitoring and salvage should be cleaned, repaired, sorted, taxonomically identified, and cataloged as part of the mitigation program. Fossil preparation may also include screen-washing of bulk matrix samples for microfossils or other laboratory analyses (e.g., radiometric carbon dating,) if applicable. Fossil preparation and curation activities may be conducted at the laboratory of the contracted Project Paleontologist, at an appropriate outside agency, and/or at the designated repository, and shall follow the standards of the designated repository.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM GEO-6	Prepared fossils, along with copies of all pertinent field notes, photos, and maps, should be housed in an established, accredited museum repository with permanent, retrievable paleontological storage (e.g., University of California Museum of Paleontology, San Diego Natural History Museum). These procedures are essential steps in effective paleontological mitigation and CEQA compliance. The Project Paleontologist must have a writer repository agreement in hand prior to the initiation of mitigation activities. Mitigation of adverse impacts to significant paleontological resources is not complete until such curation into an established, accredited museum	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	

	repository has been fully completed and documented.			
MM GEO-7	A final summary report should be completed that outlines the results of the mitigation program. The report and inventory, when submitted to the appropriate Lead Agency, along with confirmation of the curation of recovered specimens into an established, accredited museum repository, will signify completion of the program to minimize impacts to paleontological resources. A copy of the paleontological monitoring report should be submitted to the Lead Agency and to the designated museum repository.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
Hazards				
MM HAZ-1	 Avoid/Minimize Potential Impacts from Construction Material Release. Prior to construction, the contractor shall develop a Spill Prevention and Contingency Plan for the proposed Project that at a minimum includes the following: Containment and cleanup equipment (e.g., absorbent pads, mats, socks, granules, drip pans, shovels, and lined clean drums) shall be at the staging areas and construction site for use, as 	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
	needed.Staging areas where refueling, storage, and maintenance of equipment occur			

shall not be located within 100 feet of	
drainages to reduce the potential for	
contamination by spills.	
Construction equipment shall be	
maintained and kept in good operating	
condition to reduce the likelihood of	
line breaks or leakage.	
 No refueling or servicing shall be done 	
without absorbent material (e.g.,	
absorbent pads, mats, socks, pillows,	
and granules) or drip pans underneath	
to contain spilled material. If these	
activities result in an accumulation of	
materials on the soil, the soil shall be	
removed and properly disposed of as	
hazardous waste.	
• If a spill is detected, construction	
activity shall cease immediately, and	
the procedures described in the Spill	
Prevention and Contingency Plan will	
be immediately enacted to safely	
contain and remove spilled materials.	
Spill areas shall be restored to pre-spill	
conditions, as practicable.	
• Spills shall be documented and	
reported to Madera County and	
appropriate resource agency	
personnel.	
personnei.	

MM HAZ-2 Hydrology	An encroachment permit, approved by the County Department of Public Works, will be required to cut trenches in the County's right of way. As a part of the encroachment permit, a traffic control plan will be submitted to the County Public Works Department.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
MM HYD-1	Implement Sedimentation and Erosion Control Measures, which includes drainage control and the installation and implementation of Best Management Practices (BMPs), including straw bales, coir rolls, hydro seeding, etc., in areas of bare soil, and in drainages near all areas of disturbance during construction of the proposed Project and would therefore reduce potential impacts to less than significant. BMPs for control of erosion are required as part of Madera County's grading and building permits to reduce erosion of soils on the proposed Project site. The requirements of the State General Construction Stormwater Permit will require a Stormwater Pollution Prevention Program (SWPPP) because area of impact would be greater than one acre. With the incorporation of Mitigation Measure HYD-1, potential erosion and sedimentation impacts are considered less than significant.	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	
Noise				

MM NSE-1	 Madera County shall incorporate the following BMPs to minimize noise impacts during construction activities: Construction shall be limited to daytime hours between 7:00 a.m. and 7:00 p.m Monday through Friday and 9:00 a.m. and 5:00 p.m. on Saturdays. All construction equipment shall be equipped with sound-control devices no less effective than those provided on the original equipment. Equipment shall have a muffled exhaust. Appropriate additional noise-reducing 	City of Chowchilla/Project Contractor	City of Chowchilla/Project Inspector	