

**Caporal Reservoir. Project Mitigation Monitoring and Reporting Program
Grading Permit, GR 20-12; Initial Study, IS 20-115**

Potential Impact	Mitigation Measure	Implementation Responsibility	Monitoring & Reporting Responsibility	Timing	Date Implemented
AIR QUALITY					
Potential to impact air quality temporarily during construction activities.	AQ-1: Work practices shall minimize vehicular and fugitive dust during pond excavation and management by use of water or other acceptable dust palliatives on the access roads and project area to insure that dust does not leave the property and cause a nuisance to surrounding parcels and highway traffic. Access to project areas shall be limited to authorized vehicles.	Applicant	Applicant	During Construction	
	AQ-2: The permit holder shall avoid earth disturbances during windy conditions. In the event that substantive complaints are received regarding fugitive dust, work at the site shall halt until a dust mitigation plan is submitted to and approved by the Lake County Air Quality Management Control District (LCAQMD). Contact LCAQMD at (707) 263-7000 for more information.	Applicant	Applicant	During Construction	
	AQ-3: Vehicles and equipment shall be well maintained, in good running order and in compliance with State emission requirements. A complete list of all equipment utilized at the site with potential to emit air contaminants should be submitted to the LCAQMD including generators, diesel powered pumps, off-road equipment, etc.	Applicant	Applicant	During construction and operation	
	AQ-4: If serpentine rock or soils are exposed during grading, all work shall be halted and a serpentine dust mitigation plan shall be submitted and approved by the LCAQMD.	Applicant	Applicant	During Construction	
	AQ 5: If objectionable odors develop, appropriate actions to treat the odor shall be enacted.	Applicant	Applicant	Life of the Project	
CULTURAL RESOURCES					
Disturb an archaeological resource or human remains during construction activities.	CUL-1: Should any archaeological, paleontological, or cultural materials be discovered during pond excavation, all activity shall be halted in the vicinity of the find(s). The local overseeing Tribe(s) shall be notified, and a qualified archaeologist retained to evaluate the find(s) and recommend mitigation procedures, if necessary, subject to the approval of the Community Development Director. Should any human remains be encountered, they shall be treated in accordance with Public Resources Code Section 5097.98 and with California Health and Safety Code section 7050.5.	Applicant	Applicant	During Construction	
	CUL-2: All employees shall be trained in recognizing potentially significant artifacts that may be discovered during the ground disturbance. If any artifacts or remains are found, the local tribe shall immediately be notified; a licensed archaeologist shall be	Applicant	Applicant	During Construction	

	notified, and the Lake County Community Development Director shall be notified of such finds.				
	CUL-3: In the event of an unanticipated discovery of cultural resources during the implementation of the project, all work must be halted within 100 feet (30 meters) of the find and a qualified archaeologist (36 CFR Part 61) notified so that its potential significance can be assessed.	Applicant	Applicant	Life of the Project	
GEOLOGY AND SOILS					
The proposed project will not cause potential substantial adverse effects. However, minor ground disturbance is proposed for site preparation	GEO-1: In order to reduce impacts related to soil erosion and loss of top soil the permit holder is required to protect all disturbed areas by applying Best Management Practice principles (BMPs). BMPs may include the placement of straw, mulch, seeding, all disturbed areas to prevent erosion until the vegetation is established.	Applicant	Applicant	Before and During Construction	
	GEO-2: All slopes shall be monitored and maintained by the permit holder to assure the success of the erosion control measures and revegetation. All disturbed areas shall be revegetated with native species consistent with fire safe practices and protected from erosion and storm-water runoff utilizing BMPs appropriate to the site conditions. Vegetation shall be maintained until permanent establishment is achieved.	Applicant	Applicant	Life of Project	
	GEO-3: In the event that the Community Development Department determines that significant erosion is occurring at the site, additional erosion control measures may be required and shall be implemented by the permit holder.	Applicant	Applicant	Life of Project	
HYDROLOGY AND WATER QUALITY					
The proposed project has potential to affect water quality of Middle Creek	HYD-1: In order to reduce impacts to water quality the permit holder shall protect all disturbed areas by applying BMPs, which may include the placement of straw, mulch, seed, straw wattles, silt-fencing and planting of native vegetation on all disturbed areas to prevent erosion.	Applicant/ Contractor	Applicant/ Contractor	Before and During Construction	
	HYD-2: All slopes shall be monitored and maintained by the permit holder to assure the success of the erosion control measures and revegetation. All disturbed areas shall be revegetated with native species consistent with fire safe practices and protected from erosion and storm-water runoff utilizing BMPs appropriate to the site conditions. Vegetation shall be maintained until permanent establishment is achieved.	Applicant/ Contractor	Applicant; Contractor; Community Development Department; Department of Water Resources	Life of Project	

	HYD-3: The permit holder shall use BMPs to prevent erosion and ensure that sediment and silt exceeding the natural back ground level do not enter any nearby streams and water courses. The natural background level is the level of erosion that currently occurs from the area in a natural, undisturbed state. BMPs may include the placement of straw, mulch, seeding, straw wattles, silt fencing and planting of native vegetation on all disturbed areas.	Applicant/ Contractor	Applicant; Community Development Department; Department of Water Resources	Life of project	
NOISE					
The proposed project will not have any adverse effect on the noise. However, the future project may create short-term increases in ambient noise levels to uncomfortable levels during project preparation, construction, and operations.	NOI-1: All construction activities including engine warm-up shall be limited to the hours of 7:00 am and 7:00 pm to minimize noise impacts. Back-up beepers shall be adjusted to the lowest allowable levels. If substantive noise complaints are received due to site activities, the permit holder shall be responsible for submitting and implementing a noise mitigation plan. This plan shall be reviewed and approved by the Community Development Department.	Applicant	Applicant	During Construction	
TRIBAL CULTURAL RESOURCES					
Disturb a tribal resource or human remains during construction activities.	TRIB-1: Should any cultural materials be discovered during pond excavation, all activity shall be halted in the vicinity of the find(s). The local overseeing Tribe(s) shall be notified, and a qualified archaeologist retained to evaluate the find(s) and recommend mitigation procedures, if necessary, subject to the approval of the Community Development Director. Should any human remains be encountered, they shall be treated in accordance with Public Resources Code Section 5097.98 and with California Health and Safety Code section 7050.5.	Applicant	Applicant	Before and During Construction	
	TRIB-2: All employees shall be trained in recognizing potentially significant artifacts that may be discovered during the ground disturbance. If any artifacts or remains are found, the local tribe shall immediately be notified; a licensed archaeologist shall be notified, and the Lake County Community Development Director shall be notified of such finds.	Applicant	Applicant	Before and During Construction	
	TRIB-3: In the event of an unanticipated discovery of cultural resources during the implementation of the project, all work must be halted within 100 feet (30 meters) of the find and a qualified archaeologist (36 CFR Part 61) notified so that its potential significance can be assessed.	Applicant	Applicant	Before and During Construction	