BIOLOGY - VEGETATION

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
74. Transplant perennial plant species of special concern which cannot be avoided during construction.	Plans have been submitted and approved regarding avoidance of sensitive plant and sensitive plant communities. Pre-construction surveys must be conducted prior to commencement of construction activities. If perennial plants species of special concern are encountered which cannot be avoided by a reduction in ROW width or rerouting of the pipeline, such plants may be transplanted following guidelines established by the appropriate land managing agency. Reviewed during normal biological monitoring inspections.			

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BIOLOGY - WILDLIFE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
75. Surveys for raptor nests shall be conducted prior to construction. Construction activities shall not occur during raptor nesting periods if nests occur within 0.5 mile of the ROW.	Surveys for raptor nests must be completed prior to initiation of construction. The locations of all active and inactive nests shall be clearly displayed on construction drawings. Construction activities in the vicinity of active raptor nesting sites shall not occur during specified periods. Reviewed during biological monitoring inspections.			

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BIOLOGY - WILDLIFE

COMPANY: _____ S/READ: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
76. Avoid impacts to high interest wildlife species by use of scheduling constraints to avoid conflict with species during times of high stress.	Plans have been submitted and approved regarding avoidance of high interest wildlife species. Pre-construction surveys must be conducted prior to commencement of construction activities. Pipeline company biological monitors will be present to assure that no high interest wildlife species are impacted during construction. Reviewed during normal biological monitoring inspections.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
77. Prohibit off-road vehicle use by construction workers.	Reviewed during normal construction inspections.			

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BIOLOGY - WILDLIFE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
78. Limit speed in BALL and Desert Tortoise habitat along the ROW and access roads to 15 mph.	Reviewed during normal construction inspections.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
79. Project related powerlines shall be designed in a raptor safe manner.	No longer required if powerlines are placed underground.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
80. Revegetate the ROW to predisturban levels in areas of high interest wildlife species.	Revegetation and Reclamation plans and supporting documentation shall be submitted and reviewed prior to commencement of work. Areas requiring special reclamation shall be identified on construction drawings. Reviewed during normal construction inspection.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
61. Follow USFWS conservation measures in San Joaquin Valley for federally listed species.	Plans have been submitted and approved regarding avoidance of high interest wildlife species. Pre-construction surveys must be conducted prior to commencement of construction activities. Pipeline company biological monitors will be present to assure that no high interest wildlife species are impacted during construction. Reviewed during normal biological monitoring inspections.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
82. Conduct detailed surveys to locate species of special concern and utilize the results to alleviate impacts.	Plans have been submitted and approved regarding avoidance of high interest wildlife species. Pre-construction surveys must be conducted prior to commencement of construction activities. Pipeline company biological monitors will be present to assure that no high interest wildlife species are impacted during construction. Reviewed during normal biological monitoring inspections.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
83. Establish temporary artificial barriers around washes in SJKF habitat to minimize chemical contamination.	Plans have been submitted and approved regarding protection of SJKF. Pre-construction surveys must be conducted prior to commencement of construction activities. Pipeline company biological monitors will be present to identify all appropriate washes and assure that washes are protected during construction. Reviewed during normal biological monitoring inspections.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
84. Set construction schedule to avoid conflict with hibernation of BALL.	Detailed studies have been conducted to determine the habitat and/or potential habitat for wildlife species of special concern. Mitigation measures have been developed outlined methods of avoidance, methods for removal and requirements for qualified biological monitors. SLC biological monitors will oversee the Pipeline company monitors.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
85. Desert Tortoise mitigation measures shall be adopted. The ROW shall be surveyed to determine the presence of species and the potential disturbance to species.	Detailed studies have been conducted to determine the habitat and/or potential habitat for wildlife species of special concern. Mitigation measures have been developed outlined methods of avoidance, methods for removal and requirements for qualified biological monitors. SLC biological monitors will oversee the Pipeline company monitors.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
... length of open trench ... duration of opening in areas ...ere sensitive species are present.	Information on the length and duration of open trench has been presented in the mitigation-compensation program. Reviewed during construction inspections.			

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BIOLOGY - WILDLIFE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
87. Inspect trenches daily for trapped animals.	Reviewed during normal construction inspections.			

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BIOLOGY - WILDLIFE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
88. Restrict ROW access where feasible by the construction of barricades, fences, etc.	Locations of barricades, fences and/or signs shall be identified prior to operation of the pipeline.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
89. Conduct field surveys for species of special concern.	Detailed studies have been conducted to determine the habitat and/or potential habitat for wildlife species of special concern. Mitigation measures have been developed outlining methods of avoidance, methods for removal and requirements for qualified biological monitors. SLC biological monitors will oversee the Pipeline company monitors.			

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BIOLOGY - WILDLIFE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
90. Revegetate ROW in habitat of species of special concern to predisturbance levels.	Revegetation and Reclamation plans and supporting documentation shall be submitted and reviewed prior to commencement of work. Areas requiring special reclamation shall be identified on construction drawings. Reviewed during normal construction inspection.			

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BIOLOGY - WILDLIFE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
91. Control public access to habitat of species of concern by construction of barricades, fences, etc.	Locations of barricades, fences and/or signs shall be identified prior to operation of the pipeline.			

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BIOLOGY - GRAZING

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
92. Repair fences and maintain livestock separation and control devices.	Reviewed during normal construction inspections and post-construction inspections. Also see COH Plan and Discussions with Appropriate Agencies and Landowners.			

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BIOLOGY - GRAZING

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
93. Replace all waterlines or drinkers damaged by pipeline construction.	Reviewed during normal construction inspections and post-construction inspections. Also see COH Plan and Discussions with Appropriate Agencies and Landowners.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
94. Avoid construction during peak tourist season.	Construction within California will occur throughout the year. Timing constraints in certain areas (particularly the Mojave Desert) will occur between March 15 and June 15.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
95. House workers in larger more distant communities, in more rural areas.	A plan for housing and transportation of workers to and from the construction areas shall be submitted to the SLC prior initiating construction.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
96. House workers in trailer camps in rural areas, or crowded tourist areas.	A plan for housing and transportation of workers to and from the construction areas shall be submitted to the SLC prior initiating construction.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
97. Comply with all pesticide usage and application regulations.	A plan for the use of pesticides shall be filed with the SLC and all other appropriate agencies prior to the initiation of construction. If emergency use of pesticides is required at any time during either the construction or operation of the pipeline(s) on State of California lands, a plan outlining the need and specific uses of the pesticides must be filed with the SLC and written permission given by the SLC in response. Obtain Use Permits if necessary.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
90. Restore all structures to preconstruction conditions.	Reviewed during normal construction and post-construction inspections.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
99. Gates on National Forest lands shall not be locked or closed by the applicants.	No longer necessary in California.			

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SOCIOECONOMICS

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
100. Forest Service permittees shall be notified of construction activities that may affect their business or operations.	No longer necessary in California.			

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SOCIOECONOMICS

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
101. Garbage, toxic substances, and other refuse shall be disposed of in an authorized disposal site or landfill.	Reviewed during normal construction and post-construction inspections. Copies of all permits required for disposal sites and/or landfills must be filed with the SLC.			

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LAND USE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
102. Get Forest Service approval for all pertinent plans.	No longer necessary in California.			

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LAND USE

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
103. Protect and/or repair all damaged government property.	Reviewed during normal construction and post-construction inspections.			

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LAND USE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
104. Obtain Forest Service approval for all construction related facilities.	No longer necessary in California.			

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LAND USE

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
105. Prepare fire control plan as part of COM plan for the Forest service.	No longer necessary in California on Forest Service lands. See BLM COM Plan.			

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CULTURAL RESOURCES

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
106. Develop Cultural Resource Management Plan and conduct survey of route; identify all cultural resources and make eligibility determination under Section 106 of NHPA.	Submit Plan to FERC, SLC, BLM, FS, and appropriate SHPO. All cultural resources locations shall be plotted on construction drawings. Sites which are to be avoided shall be marked in a manner so that construction disturbance does not occur. Sites requiring data recovery shall be excavated prior to construction. Any cultural resource which is impacted by construction, including sites which are determined ineligible to the National Register of Historic Places shall be monitored by a qualified archaeologist during the trenching operations. If significant cultural deposits are encountered during trenching, work shall cease until a determination of the significance of the deposits can be made.			

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CULTURAL RESOURCES

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
107. Tribal plans for cultural resource preservation shall be followed on tribal lands.	Consult with individual tribes and BIA. Not necessary in California.			

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CULTURAL RESOURCES

COMPANY: _____ SPREAD: _____

MONITOR: _____

MITIGATION MEASURE	REQUIREMENT TO COMPLY	DATE/APPROVAL	MILEPOSTS	COMMENTS
108. Develop Paleontological Resources Management Plan.	Mitigation measures outlined in the FEIR/S shall be implemented. Review of the paleontological plan shall be completed by company provided paleontologists in areas deemed to contain high significance deposits. SLC monitors will be present to assure compliance with the mitigation measures.			

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MOJAVE ONLY

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
111. Investigate cinder cones near Amboy and Hector, California.	Plans and supporting documentation shall be submitted and reviewed prior to commencement of work.			

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MOJAVE ONLY

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
112. Notify Arizona Commission of Agriculture and Horticulture at least 30 days prior to start of construction to salvage plants	Not necessary in California.			

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MOJAVE ONLY

MITIGATION MEASURE	REQUIREMENT TO COMPLY	COMPANY: _____ SPREAD: _____ MONITOR: _____ DATE/APPROVAL	MILEPOSTS	COMMENTS
113. Realign route to maximize use of CDCA corridors. Use Alternative B and Kern River Route around Edwards AFB.	Modifications to the Mojave application have been made incorporating these changes.			

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