



**CHEVRON  
SAN ARDO TO COALINGA  
HEATED OIL PIPELINE PROJECT  
ENVIRONMENTAL IMPACT REPORT**



*For further information contact:*

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## ***INITIAL STUDY***

### ***I. BACKGROUND INFORMATION***

**Project Title:** Chevron San Ardo to Coalinga Heated Oil Pipeline Project

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**File No.:** Monterey County: PLN030507

Fresno County: CUP No. 3155

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**Project Location:** The Chevron Pipe Line Company (Applicant) is proposing to construct, operate, maintain, and eventually decommission a heated oil pipeline that will extend from the San Ardo Oil Field in the upper Salinas Valley to the Kettleman-Los Medanos (KLM) pipeline southeast of Coalinga in the San Joaquin Valley.

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**Name of Property Owner:** See Attachment A

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**Name of Applicant:** Chevron Pipe Line Company

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**Assessor's Parcel Number(s):** See Attachment A

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**Acreage of Property:** 57.7 miles of pipe length with surface area impacts that vary from 40 to 100 feet in width for temporary easements and from 10 to 50 feet for permanent easements (647 temporarily disturbed acres and 13 permanently disturbed acres)

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**General Plan Designations:** Monterey County: Mineral Extraction, Permanent Grazing, Bureau of Land Management Lands (BLM).

Fresno County: Westside Rangeland; Agriculture and Public Land: County.

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**Zoning District:** Monterey County: HI (Mineral Extraction); F/40, Farmlands 40 acre minimum; PG/40, Permanent Grazing 40 acres per unit; PG/160 Permanent Grazing 160 acres per unit; RC/160 Resource Conservation 160 acre minimum.

Fresno County: Agricultural Exclusive, 40 Acre Minimum (AE-40) and Agricultural Exclusive, 20 Acre Minimum (AE-20).

**Lead Agency:** Monterey County Resource Management Agency, Planning and Building Inspection Department.

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**Prepared By:** Resource Design Technology, Inc.

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**Date Prepared:** May 1, 2006

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## **II. DESCRIPTION OF PROJECT AND ENVIRONMENTAL SETTING**

### **A. Project Description:**

The Chevron Pipe Line Corporation (Applicant) is proposing to construct, operate, maintain, and eventually decommission a heated oil pipeline that will extend from the San Ardo Oil Field in the upper Salinas Valley to the Kettleman-Los Medanos (KLM) pipeline southeast of Coalinga in the San Joaquin Valley (Monterey County File #PLN030507; Fresno County CUP No. 3155). The Heated Oil Pipe Line (Project) will traverse parts of both Monterey and Fresno Counties over a distance of nearly 57.7 miles. See Figure 1, Regional Location and Figure 2, Site Location. The project will require land use entitlements in the form of Conditional Use Permits from both Monterey and Fresno Counties. The County of Monterey has determined that an EIR is the appropriate CEQA document to evaluate the environmental consequences of the project. The Monterey County Planning and Building Inspection Department will act as the lead agency for the Project; Fresno County will be a CEQA responsible agency. The EIR will be used for CEQA compliance for both Monterey and Fresno County CUP applications.

The Project includes construction and operation of a 57.7-mile 10.75 inch (outside diameter) insulated heated oil pipeline, with related aboveground facilities and ancillary utility connections. General construction activities will include right of way (ROW) staking, site preparation, clearing and grading, trenching, pipe stringing, bending and welding, pipe placement and backfilling, hydrostatic testing, management of hazardous materials, and cleanup and restoration. Pipeline construction is expected to last eight months, with an additional two months planned for pipeline and equipment testing, commissioning, and ROW clean-up. Peak construction employment is estimated at 250 employees and will extend up to five months. The start of construction is slated for summer of 2007. Operation of the pipeline and associated facilities would last up to approximately 30 years or longer depending on economic conditions. At the end of the project life, the pipeline would be decommissioned or used in other beneficial services (e. g. fiber optic applications). Decommissioning involves cleaning out the pipeline then utilizing various decommissioning techniques depending on site conditions (e.g., filling the pipeline with a slurry and/or nitrogen). The Project includes both the physical changes for development of the facilities, as well as short-term and long-term activities that may affect the environment.

### **B. Environmental Setting and Surrounding Land Uses:**

The Project is located in the western portion of central California, within the ecological sub-region known as the Central California Coast. From west to east, the Project traverses portions of the following U.S.G.S. 7.5 minute quadrangles: *Wunpost, Slack Canyon, Smith Mountain, Curry Mountain, Kreyenhagen Hills, Avenal, and La Cima*.

The Project traverses areas subject to various phases of the Mediterranean climate, which is characterized by warm, dry summers and mild, wet winters. The Project is located far enough inland from the coast that the climate is only slightly modified by marine influences. Elevation ranges from 100 to 3,400 feet along the pipeline route. Mean annual precipitation ranges from 6 to 40 inches, with rainfall levels reaching a maximum of 20-40 inches in the west and 6-12 inches in the east. Within the Project Area, the growing season (period of frost free days) generally averages 120 -270 days in a year. Local climatic conditions are highly influenced by regional topography (USDA and USFS 1998).

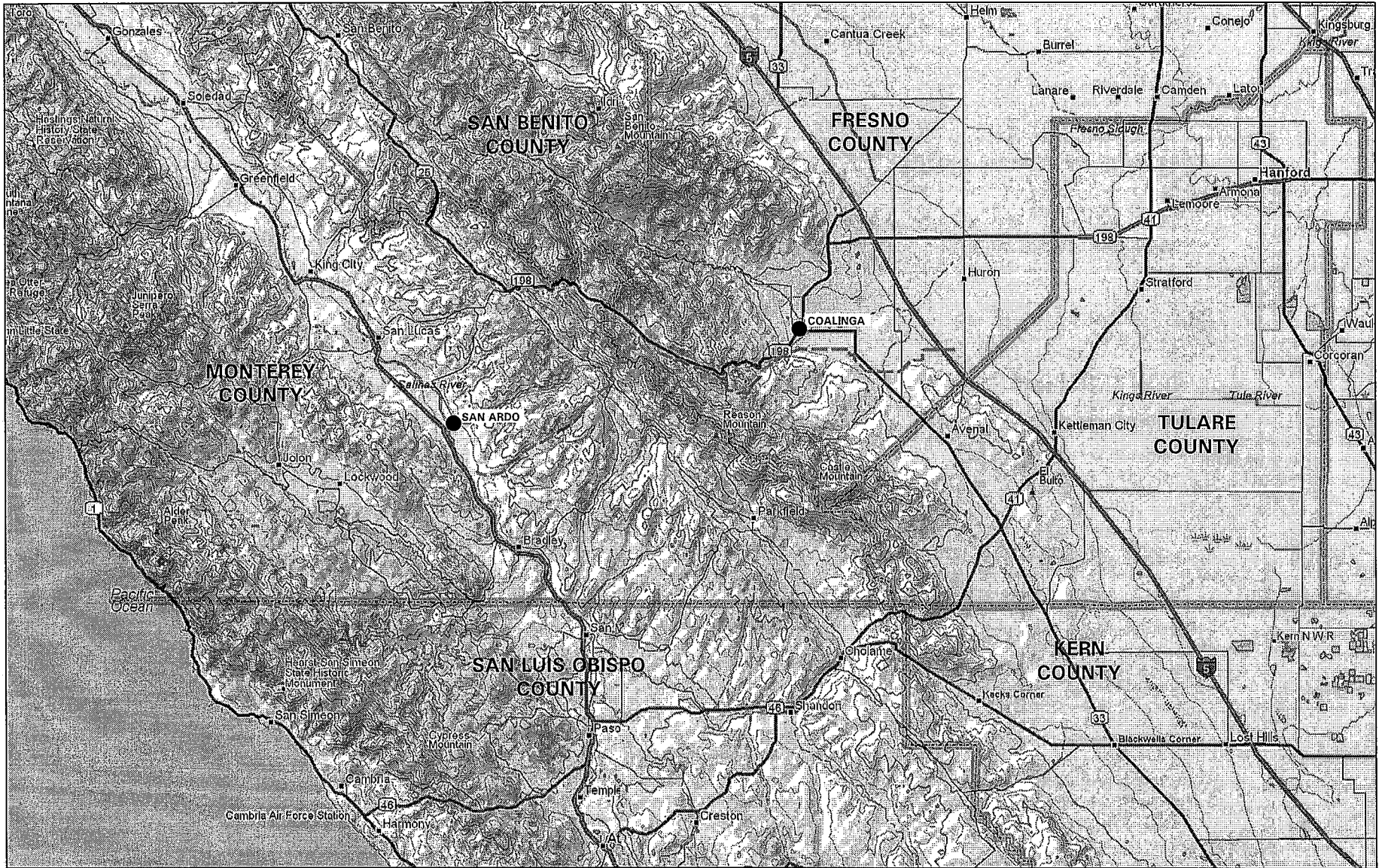
In the Project Area, a ridgeline just east of the San Andreas Rift Zone marks the watershed divide between the Central Valley (flowing into Warthan Creek) and coastal watershed of the Salinas River. Drainages traversing or crossing the Project Area from mile post (MP) 0 through MP 18 are tributaries to the Salinas River. From MP 18 to the eastern terminus of the Project at MP 57.7, drainages ultimately flow into Warthan Creek, which flows into the Central Valley.

Because of the variety of environmental, land use and regulatory conditions that may be encountered along the 57.7-mile length of the pipeline, the Environmental Impact Report (EIR) prepared for the Project will fully develop the baseline conditions, evaluate potential impacts, and provide site specific and/or resource-specific mitigation measures. Alternatives to reduce or avoid impacts of the Project will also be developed and provided in the EIR. The alignment may intercept dozens of parcels, several habitat types, involves several stream crossings of varying sizes, crosses the San Andreas fault zone, and involves multiple agency jurisdictions, as well as other variables that

must be expected for an extended linear project such as this, and differ from typical localized site development projects. The key issues expected to be evaluated are provided below.

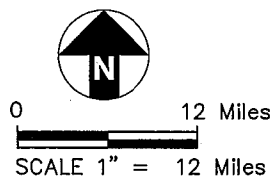
### **C. Purpose of Initial Study**

Monterey County Planning and Building Inspection staff and Fresno County Department of Public Works and Planning staff after early consultation with the Applicant, have determined that this project will have the potential to cause significant adverse impacts to the physical environment and agreed that an Environmental Impact Report (EIR) was the appropriate tool for evaluating potential impacts. This Initial Study is being prepared primarily to focus the scope of the EIR, as provided for under CEQA Guidelines §15063. The Initial Study is being circulated as an attachment to the Notice of Preparation. Two publicly noticed scoping meetings will be held, in the communities of San Ardo, Monterey County and Coalinga, Fresno County to gather input from the local community, responsible agencies and other concerned individuals. This Initial Study will focus on categories of environmental impacts where there is no potential to cause significant environmental impacts from construction, operation or maintenance of the proposed project, that are easily identifiable and without public controversy. Evidence is provided in this document that substantiates the no impact determination for these categories. The remaining impact categories are proposed to be evaluated in greater detail in the EIR unless evidence is provided to substantiate a "no-impact" determination.



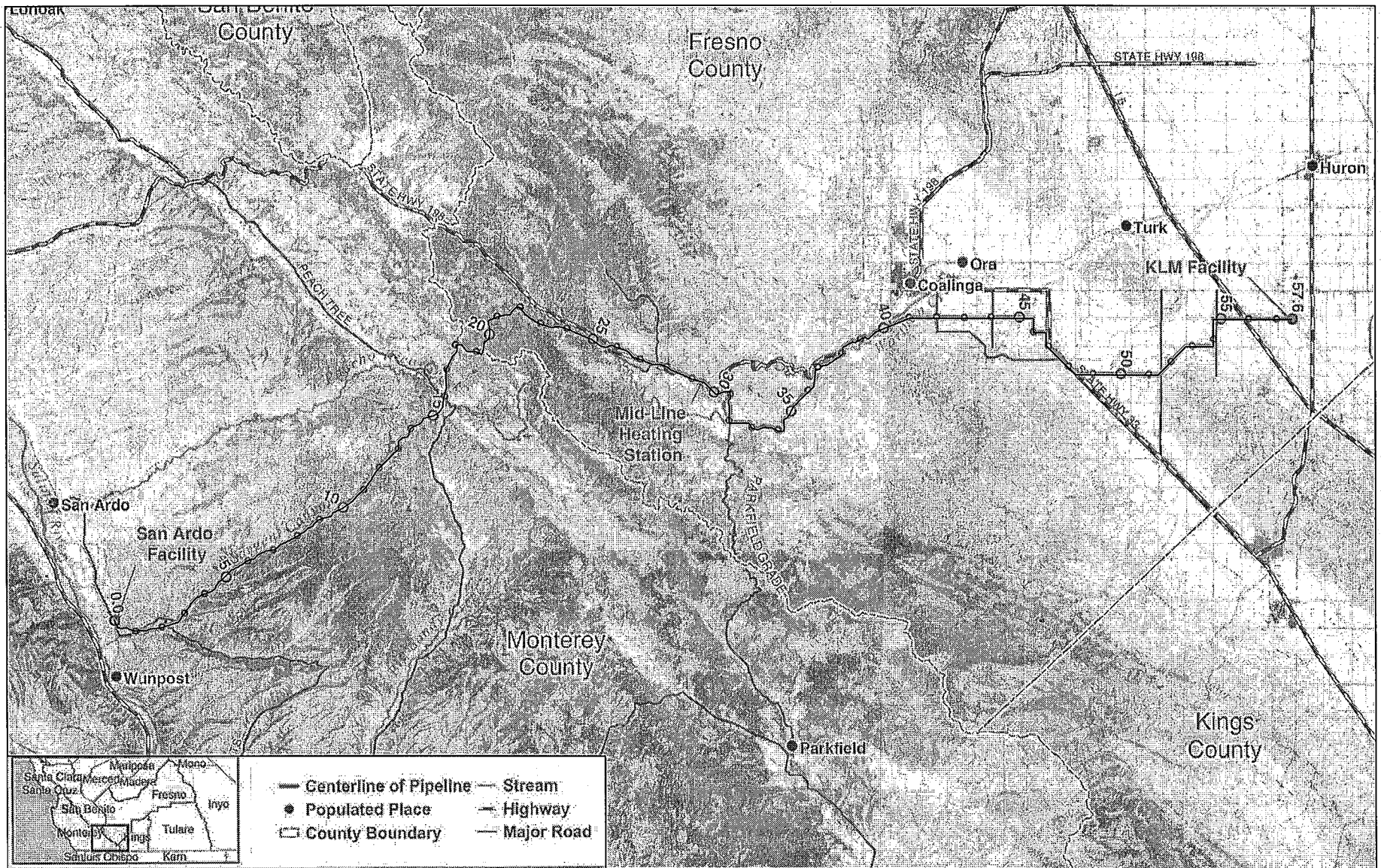
SOURCE: DeLorme Topoquads 2.0, 2002

----- - San Ardo to Coalinga Heated Oil Pipeline

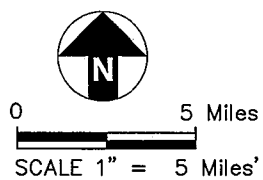


**Figure 1**  
**San Ardo to Coalinga Heated Oil Pipeline Project**  
**Regional Location**  
**CHEVRON PIPELINE PROJECT**  
**INITIAL STUDY**

**RESOURCE DESIGN**  
 TECHNOLOGY, INC.



SOURCE: Entrix, Inc., 2004



**Figure 2**  
**Proposed Alignment of the San Ardo to Coalinga**  
**Heated Oil Pipeline Project**  
**CHEVRON PIPELINE PROJECT**  
**INITIAL STUDY**

**RESOURCE DESIGN**  
 TECHNOLOGY, INC.

### **III. PROJECT CONSISTENCY WITH OTHER APPLICABLE LOCAL AND STATE PLANS AND MANDATED LAWS**

Use the list below to indicate plans applicable to the project and verify their consistency or non-consistency with project implementation.

General Plan/Area Plan	<input checked="" type="checkbox"/>	Air Quality Mgmt. Plan	<input checked="" type="checkbox"/>
Specific Plan	<input type="checkbox"/>	Airport Land Use Plans	<input type="checkbox"/>
Water Quality Control Plan	<input checked="" type="checkbox"/>	Local Coastal Program-LUP	<input type="checkbox"/>

Monterey County General Plan / South County Area Plan and the Fresno County General Plan

The proposal was reviewed for consistency with the General Plan and the South County Area Plan and the Fresno County General Plan. Section IV.A.(Land Use and Planning) below, discusses whether the project physically divides an established community, conflicts with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project or conflicts with any applicable habitat conservation plan or natural community conservation plan. The Project is consistent with the land use designation of the site.

Water Quality Control Plans

The EIR's Hydrology and Water section will evaluate the Project's consistency with the Central Coast and Central Valley Regional Water Quality Control Board's Basin Plans. In addition, the section will discuss whether this particular project is in conformance with any water quality standards or waste discharge requirements, substantially depletes groundwater supplies or interferes substantially with groundwater recharge, substantially alters the existing drainage pattern of the site or area or creates or contributes runoff water which would exceed the capacity of existing or planned storm water drainage.

Air Quality Management Plans

The Air Quality section of the EIR will evaluate the Project's consistency with the Air Quality Management Plan for both Monterey and Fresno Counties. The Monterey Bay Unified Air Pollution Control District (MBUAPCD) and the San Joaquin Valley Air Pollution Control District (SJVAPCD) incorporate the Counties' General Plan in their preparation of regional air quality plans, making this project consistent with the applicable Air Quality Plans. The Air Quality Section will discuss whether the proposed project conflicts or obstructs implementation of air quality plans, violates any standard or contributes to air quality violations, results in cumulative non-attainment of ambient air quality standards, exposes sensitive receptors to pollutant concentrations or creates objectionable odors affecting many people.

#### **IV. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED AND DETERMINATION**

##### **A. FACTORS**

The environmental factors checked below would be potentially affected by this project, as discussed within the checklist on the following pages.

- |                                                                 |                                                             |                                                            |
|-----------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| <input checked="" type="checkbox"/> Aesthetics                  | <input checked="" type="checkbox"/> Agriculture Resources   | <input checked="" type="checkbox"/> Air Quality            |
| <input checked="" type="checkbox"/> Biological Resources        | <input checked="" type="checkbox"/> Cultural Resources      | <input checked="" type="checkbox"/> Geology/Soils          |
| <input checked="" type="checkbox"/> Hazards/Hazardous Materials | <input checked="" type="checkbox"/> Hydrology/Water Quality | <input checked="" type="checkbox"/> Land Use/Planning      |
| <input type="checkbox"/> Mineral Resources                      | <input checked="" type="checkbox"/> Noise                   | <input type="checkbox"/> Population/Housing                |
| <input type="checkbox"/> Public Services                        | <input type="checkbox"/> Recreation                         | <input checked="" type="checkbox"/> Transportation/Traffic |
| <input checked="" type="checkbox"/> Utilities/Service Systems   |                                                             |                                                            |

Some proposed applications that are not exempt from CEQA review may have little or no potential for adverse environmental impact related to most of the topics in the Environmental Checklist; and/or potential impacts may involve only a few limited subject areas. These types of projects are generally minor in scope, located in a non-sensitive environment, and are easily identifiable and without public controversy. For the environmental issue areas where there is no potential for significant environmental impact (and not checked above), the following finding can be made using the project description, environmental setting, or other information as supporting evidence.

**FINDING:** For the above referenced topics that are not checked off, there is no potential for significant environmental impact to occur from construction, operation or maintenance of the proposed project and no further discussion in the Environmental Checklist is necessary.

**EVIDENCE:** Less than significant impacts have been identified for, mineral resources, public services, recreation, and population and housing. As described in the discussion following the checklist regarding the respective resource section, the project will have no quantifiable adverse environmental effect on the categories not checked above, as follows: mineral resources, public services, recreation, and population and housing

##### **B. DETERMINATION:** On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures

based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Taven M. Kinison Brown  
Signature

May 1, 2006  
Date

Taven M. Kinison Brown

Senior Planner

## V. EVALUATION OF ENVIRONMENTAL IMPACTS

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on project-specific screening analysis).
- 2) All answers must take into account the whole action involved, including offsite as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, and then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impact to less than significance.

## VI. ENVIRONMENTAL CHECKLIST

1. AESTHETICS		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Have a substantial adverse effect on a scenic vista? (Source: 1, 3, 9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? (Source: 1, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Substantially degrade the existing visual character or quality of the site and its surroundings? (Source: 1, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? (Source: 1, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Discussion/Conclusion:

a - d) As potentially significant aesthetic impacts have been identified, these issues will be evaluated in the Draft EIR.

## 2. AGRICULTURAL RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland.

2. AGRICULTURAL RESOURCES		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract? (Source: 1, 2, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – c) As potentially significant agricultural impacts have been identified, these issues will be evaluated in the Draft EIR. In several locations, the pipeline right-of way is located on properties where Williamson Act contracts are in place.

**3. AIR QUALITY**

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan? (Source: 1, 2, 3, 6, 7, 8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation? (Source: 1, 2, 3, 6, 7, 8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? (Source: 1, 2, 3, 6, 7, 8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Result in significant construction-related air quality impacts? (Source: 1, 2, 3, 6, 7, 8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Expose sensitive receptors to substantial pollutant concentrations? (Source: 1, 2, 3, 6, 7, 8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Create objectionable odors affecting a substantial number of people? (Source: 1, 2, 3, 6, 7, 8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – d) At the completion of the Project, there will be fewer truck trips than would occur under the No Project Alternative. However, emissions from the construction, operation and maintenance of the Project have not been quantified. The Draft EIR will include a discussion of the Project's air quality impacts, their respective significance determinations and appropriate mitigation measures. Therefore, as potentially significant air quality impacts have been identified, these issues will be evaluated in the Draft EIR.

<b>4. BIOLOGICAL RESOURCES</b>		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Game or US Fish and Wildlife Service? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? (Source: 1, 2, 3, 4.b., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – f) As potentially significant impacts to biological resources have been identified, these issues will be evaluated in the Draft EIR.

<b>5. CULTURAL RESOURCES</b>		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5? (Source: 1, 2, 3, 4.c., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5? (Source: 1, 2, 3, 4.c., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (Source: 1, 2, 3, 4.c., 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d)	Disturb any human remains, including those interred outside of formal cemeteries? (Source: 1, 2, 3, 4.c., 9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – d) As potentially significant impacts to cultural resources have been identified, these issues will be evaluated in the Draft EIR.

<b>6. GEOLOGY AND SOILS</b>		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i)	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii)	Strong seismic ground shaking? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii)	Seismic-related ground failure, including liquefaction? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv)	Landslides? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Result in substantial soil erosion or the loss of topsoil? (Source: 1, 3, 4.a, 17 a, c, d)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. GEOLOGY AND SOILS	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property? (Source: 1, 3, 4.a, 17 a, c, d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? (Source: 1, 3, 4.a, 10, 17 a, c, d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion:**

a – e) As potentially significant impacts to geology and soils have been identified, these issues will be evaluated in the Draft EIR.

7. HAZARDS AND HAZARDOUS MATERIALS	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Source: 1, 2, 3, 4.a, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (Source: 1, 2, 3, 4.a, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (Source: 1, 2, 3, 4.a, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**7. HAZARDS AND HAZARDOUS MATERIALS**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (Source: 1, 2, 3, 4.a, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? (Source: 1, 2, 3, 4.a, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? (Source: 1, 2, 3, 4.a, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (Source: 1, 2, 3, 4.a, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands? (Source: 1, 2, 3, 4.a, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

**a – h)** As potentially significant impacts resulting from hazards and/or hazardous materials have been identified, these issues will be evaluated in the Draft EIR.

**8. HYDROLOGY AND WATER QUALITY**

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements? (Source: 1, 2, 3, 5, 9, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? (Source: 1, 2, 3, 5, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site? (Source: 1, 2, 3, 5, 9, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? (Source: 1, 2, 3, 5, 9, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff? (Source: 1, 2, 3, 5, 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality? (Source: 1, 2, 3, 5, 9, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? (Source: 1, 2, 3, 4.a., 5, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows? (Source: 1, 2, 3, 4.a., 5, 9, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? (Source: 1, 2, 3, 5, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow? (Source: 1, 2, 3, 5, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – j) As potentially significant impacts to hydrology and water quality have been identified, these issues will be evaluated in the Draft EIR.

9. LAND USE AND PLANNING	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Physically divide an established community? (Source: 1, 2, 3, 14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? (Source: 1, 2, 3, 14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan? (Source: 1, 2, 3, 14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion:**

a – c) As potentially significant impacts to land use and planning have been identified, these issues will be evaluated in the Draft EIR.

10. MINERAL RESOURCES	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? (Source: 1, 2, 3, 14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? (Source: 1, 2, 3, 14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a - b) The pipeline route is not located within areas designated as containing locally important mineral resources and accordingly would likely not preclude the development of mineral resources. In addition, the permanent easement width will be a maximum depth of 50 feet with typical depth of between 36-inches to 42-inches. However, the depth will be between 3-feet to 6-feet in agricultural lands and 30 feet to 50 feet in areas where horizontal directional drilling techniques are employed. Therefore, the footprint of this Project on any

particular property is minimal and it would not significantly impair mineral resource development in the area if it is later determined that locally important resources exist in the Project area.

11. NOISE	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project result in:</b>				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? (Source: 1, 2, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? (Source: 1, 2, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (Source: 1, 2, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (Source: 1, 2, 3, 9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion:**

a – f) As potentially significant noise impacts have been identified, these issues will be evaluated in the Draft EIR.

**12. POPULATION AND HOUSING**

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere? (Source: 1, 2, 3, 9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion:**

a - c) The total workforce is expected to be approximately 250 employees at the peak of construction. This increase in local employment, while economically important, will not be of sufficient magnitude to result in a substantial increase in local population not otherwise accounted for in regional planning documents. The project will not cause the demolition or removal of any existing housing units, or otherwise displace substantial numbers of local residents.

**13. PUBLIC SERVICES**

Would the project result in:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Police protection? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Parks? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other public facilities? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion:**

- a) The operation of construction equipment -- including internal combustion engines -- may cause an increase in local fire hazards. This impact will be evaluated in the EIR's Hazards and Hazards Materials section regarding fire safety.
- b - e) The project will not require new or altered governmental facilities, and therefore there are no adverse physical impacts associated with the provision of public services caused by the Project.

14. RECREATION	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? (Source: 1, 2, 3, 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion/Conclusion/Mitigation:**

- a) The total workforce is expected to be approximately 250 employees at the peak of construction. These employees may use parks in Monterey and/or Fresno County for after-work recreational activities. It is unlikely that all 250 employees would make use of the facilities at the same time. Accordingly, the Project will not substantially affect the intensity of use of existing parks and recreational facilities, and therefore has a less-than-significant impact.
- b) The Project does not include or require the construction or expansion of recreational facilities. The Project area is not open to the public; there are no public trails or other recreational facilities on this property. Therefore, the Project will have no physical impacts from the construction or expansion of recreational facilities.

**15. TRANSPORTATION/TRAFFIC**

<b>Would the project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant With Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Cause an increase in traffic, which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections) (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Result in inadequate parking capacity? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)? (Source: 1, 2, 3, 4.d., 4.e., 4.f., 9, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – g) At the completion of the Project, there will be fewer truck trips than would occur under the No Project Alternative. However, there will be traffic related to the construction, operation and maintenance of the Project have not been quantified and evaluated. The Draft EIR will include a discussion of the Project’s traffic impacts, their respective significance determinations and appropriate mitigation measures. Therefore, as potentially significant traffic impacts have been identified, these issues will be evaluated in the Draft EIR.

**16. UTILITIES AND SERVICE SYSTEMS**

<b>Would the project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant With Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (Source: 1, 2, 3, 5, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (Source: 1, 2, 3, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (Source: 1, 2, 3, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (Source: 1, 2, 3, 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? (Source: 1, 2, 3, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? (Source: 1, 2, 3, 10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste? (Source: 1, 2, 3, 10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion:**

a – g) As potentially significant impacts to utilities and service systems have been identified, these issues will be evaluated in the Draft EIR. These impacts may be evaluated in the Hydrology and Water Quality Section of the Draft EIR.

**VII. MANDATORY FINDINGS OF SIGNIFICANCE**

NOTE: If there are significant environmental impacts which cannot be mitigated and no feasible project alternatives are available, then complete the mandatory findings of significance and attach to this initial study as an appendix. This is the first step for starting the environmental impact report (EIR) process.

Does the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? (Source: 1-15)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have impacts that are individually limited, but cumulatively considerable? (Source: 1-15) ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)? (Source: 1-15)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? (Source: 1-15)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion/Conclusion/Mitigation:** If approved subject to the studies, recommendations and mitigations described herein, the project does have the potential to degrade the quality of the environment, have impacts that are individually limited, but cumulatively considerable, and have environmental effects which will cause substantial adverse effects on human beings.

## VIII. FISH AND GAME ENVIRONMENTAL DOCUMENT FEES

### Assessment of Fee:

For purposes of implementing Section 735.5 of Title 14, California Code of Regulations: If based on the record as a whole, the Planner determines that implementation of the project described herein, will result in changes to resources A-G listed below, then a **Fish and Game Document Filing Fee** must be assessed. Based upon analysis using the criteria A-G, and information contained in the record, state conclusions with evidence below.

- A) Riparian land, rivers, streams, water courses, and wetlands under state and federal jurisdiction.
- B) Native and non-native plant life and the soil required to sustain habitat for fish and wildlife;
- C) Rare and unique plant life and ecological communities dependent on plant life, and;
- D) Listed threatened and endangered plant and animals and the habitat in which they are believed to reside.
- E) All species of plant or animals listed as protected or identified for special management in the Fish and Game Code, the Public Resources Code, and the Water Code, or regulations adopted there under.
- F) All marine terrestrial species subject to the jurisdiction of the Department of Fish and Game and the ecological communities in which they reside.

- G) All air and water resources the degradation of which will individually or cumulatively result in the loss of biological diversity among plants and animals residing in air or water.

**De minimis Fee Exemption:** For purposes of implementing Section 735.5 of the California Code of Regulations: A *De Minimis Exemption* may be granted to the **Environmental Document Fee** if there is substantial evidence, based on the record as a whole, that there **will** be changes to the above named resources V. A-G caused by implementation of the project. Using the above criteria, state conclusions with evidence below, and follow Planning and Building Inspections Department Procedures for filing a de minimis exemption.

**Conclusion:** The project will be required to pay the fee.

**Evidence:** The Project's ground-disturbing impacts over a 57.7 mile stretch of land will potentially impact the resources described in criteria A-E and G, discussed above.

## ***IX. SOURCE REFERENCES***

1. Project Application / Plans
2. General Development Plan
3. Monterey County General Plan, South County Area Plan and Fresno County and Coalinga Regional Plan.
4. Initial Technical Reports:
  - a. Entrix, Inc. 2004. *Preliminary Cultural Resource Assessment for San Ardo Pipeline Project.*
  - b. Entrix, Inc. March 2006. *Cultural Resources Inventory of Chevron Pipe Line Company's San Ardo Oil Pipeline, Monterey and Fresno Counties California*
  - c. Entrix, Inc. December 2005. *San Ardo Pipeline Project – Special Status Plant Species Study.*
  - d. Kleinfelder, Inc. 2003. *Geotechnical Investigation Report, San Ardo Hot Oil Pipeline Project, San Ardo and KLM (Coalinga) Tank Sites, Monterey and Fresno Counties, California.*
  - e. McCormick Biological. August 2005. *San Ardo Pipeline Project – Blunt Nosed Leopard Lizard Survey Report.*
  - f. Trigon-Sheehan, LLC. 2004. *Considerations for Developing Preliminary Cost Estimates for the 10-inch Diameter San Ardo Hot Oil Pipeline Design at Fault Crossings.*
  - g. URS Corporation. December 2005. *San Ardo Oil Pipeline Project – Project Description.*
  - h. URS Corporation. January 2006. *San Ardo Pipeline Project – Draft Wetland Delineation.*
  - i. URS Corporation. April 2006. *San Ardo Pipeline Project – Biological Resources Report.*
  - j. URS Corporation. March 2006. *San Ardo Pipeline Project – Biological Assessment.*
  - k. San Ardo to Coalinga Pipeline Project Waters of the United States – Topographic Maps. March 2006.
  - l. San Ardo to Coalinga Pipeline Project Waters of the United States – Aerial Photographs. March 2006.

5. Regional Water Quality Control Plans.
6. 2000 Air Quality Management Plan for the Monterey Bay Region Fresno Plan.
7. Monterey Bay Unified Air Pollution Control District website: <http://www.mbuapcd.org>
8. MBUAPCD CEQA Guidelines/SJVAPCD Guidelines  
Monterey County Zoning Code Title 21 and Zoning Map