



Negative Declaration & Notice Of Determination

PLANNING & BUILDING DEPARTMENT • COUNTY OF SAN LUIS OBISPO
976 OSOS STREET • ROOM 200 • SAN LUIS OBISPO • CALIFORNIA 93408 • (805) 781-5600

ENVIRONMENTAL DETERMINATION NO. ED13-193

DATE: 9/25/14

PROJECT/ENTITLEMENT: Phillips 66 5.6 Mile Pipeline; Minor Use Permit; DRC2012-00101

APPLICANT NAME: Phillips 66 Pipeline LLC
ADDRESS: 3900 Kilroy Airport Way, Suite 210, Long Beach CA 90806
CONTACT PERSON: Brien Vierra **Telephone:** 805-235-7943

PROPOSED USES/INTENT: Request by Phillips 66 Pipeline LLC for a Minor Use Permit to construct; operate; and, maintain a 3.9 mile segment of a proposed 5.6 mile oil pipeline and appurtenant facilities within unincorporated County of San Luis Obispo. The remaining 1.7 miles of the proposed oil pipeline and appurtenant facilities would be located within the cities of Pismo Beach (0.8 miles), Grover Beach (0.5 miles) and Arroyo Grande (0.4 miles) and would require approval by the respective city. The hearing will also consider adoption of the Mitigated Negative Declaration prepared for the project, which analyzed the entirety of the project and is available online at:

<http://www.slocounty.ca.gov/planning/environmental/EnvironmentalNotices.htm>

The proposed pipeline alignment would be located within/under existing roadway right-of-way. The project would transport crude oil from the existing Freeport McMoran Oil Field (Price Canyon/Arroyo Grande Oil Field) located at 1821 Price Canyon Road to its existing 12-inch pipeline located at the intersection of Oak Park Drive and Grande Avenue in the City of Arroyo Grande. The existing 12-inch pipeline located connects to the existing Santa Maria oil refinery at 2555 Willow Road on the Nipomo Mesa. The project also includes installation of above ground facilities at the existing Summit Station facility located at 1364 Dale Avenue, south of Arroyo Grande. In addition, the project would replace an existing segment of the existing P66 pipeline within Arroyo Grande Creek.

LOCATION: See description above. The site is in the San Luis Bay sub area of the South County planning area.

LEAD AGENCY: County of San Luis Obispo
Dept of Planning & Building
976 Osos Street, Rm. 200
San Luis Obispo, CA 93408-2040
Website: <http://www.sloplanning.org>

STATE CLEARINGHOUSE REVIEW: YES NO

OTHER POTENTIAL PERMITTING AGENCIES: Regional Water Quality Control Board, California Department of Fish and Wildlife, Army Corps of Engineers

ADDITIONAL INFORMATION: Additional information pertaining to this Environmental Determination may be obtained by contacting the above Lead Agency address or (805)781-5600.

COUNTY "REQUEST FOR REVIEW" PERIOD ENDS AT 4:30 p.m. (two weeks from above date)

30-DAY PUBLIC REVIEW PERIOD begins at the time of public notification

Notice of Determination

State Clearinghouse No. _____

This is to advise that the San Luis Obispo County _____ as Lead Agency Responsible Agency approved/denied the above described project on _____, and has made the following determinations regarding the above described project:

The project will not have a significant effect on the environment. A Negative Declaration was prepared for this project pursuant to the provisions of CEQA. Mitigation measures and monitoring were made a condition of approval of the project. A Statement of Overriding Considerations was not adopted for this project. Findings were made pursuant to the provisions of CEQA.

This is to certify that the Negative Declaration with comments and responses and record of project approval is available to the General Public at the 'Lead Agency' address above.

Rob Fitzroy

County of San Luis Obispo

Signature

Project Manager Name

Date

Public Agency



Initial Study Summary – Environmental Checklist

SAN LUIS OBISPO COUNTY DEPARTMENT OF PLANNING AND BUILDING
976 OSOS STREET • ROOM 200 • SAN LUIS OBISPO • CALIFORNIA 93408 • (805) 781-5600

(ver 5.1) Using Form

Project Title & No. Phillips 66 - Pipeline Minor Use Permit ED13-193 DRC2012-00101

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED: The proposed project could have a "Potentially Significant Impact" for at least one of the environmental factors checked below. Please refer to the attached pages for discussion on mitigation measures or project revisions to either reduce these impacts to less than significant levels or require further study.

| | | |
|--|---|---|
| <input checked="" type="checkbox"/> Aesthetics | <input checked="" type="checkbox"/> Geology and Soils | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Agricultural Resources | <input checked="" type="checkbox"/> Hazards/Hazardous Materials | <input type="checkbox"/> Transportation/Circulation |
| <input checked="" type="checkbox"/> Air Quality | <input type="checkbox"/> Noise | <input type="checkbox"/> Wastewater |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Population/Housing | <input type="checkbox"/> Water /Hydrology |
| <input checked="" type="checkbox"/> Cultural Resources | <input type="checkbox"/> Public Services/Utilities | <input type="checkbox"/> Land Use |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation, the Environmental Coordinator finds that:

- The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- 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.
- The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- 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.
- 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.

Rob Fitzroy
Prepared by (Print)

Signature

9/19/14
Date

Steve McMasters
Reviewed by (Print)

Signature

Ellen Carroll,
Environmental Coordinator
(for)

9/19/14
Date

Project Environmental Analysis

The County's environmental review process incorporates all of the requirements for completing the Initial Study as required by the California Environmental Quality Act (CEQA) and the CEQA Guidelines. The Initial Study includes staff's on-site inspection of the project site and surroundings and a detailed review of the information in the file for the project. In addition, available background information is reviewed for each project. Relevant information regarding soil types and characteristics, geologic information, significant vegetation and/or wildlife resources, water availability, wastewater disposal services, existing land uses and surrounding land use categories and other information relevant to the environmental review process are evaluated for each project. Exhibit A includes the references used, as well as the agencies or groups that were contacted as a part of the Initial Study. The County Planning Department uses the checklist to summarize the results of the research accomplished during the initial environmental review of the project.

Persons, agencies or organizations interested in obtaining more information regarding the environmental review process for a project should contact the County of San Luis Obispo Current Planning Division, 976 Osos Street, Rm. 200, San Luis Obispo, CA, 93408-2040 or call (805) 781-5600.

A. PROJECT DESCRIPTION SUMMARY

Request by Phillips 66 Pipeline LLC (P66) for a Minor Use Permit (MUP) within San Luis Obispo County and Encroachment Permits within the cities of Grover Beach, Pismo Beach and Arroyo Grande to construct, operate, and maintain a 10-inch diameter oil pipeline and appurtenant facilities that would transport crude oil from the existing Freeport McMoran Oil Field (Price Canyon/Arroyo Grande Oil Field) located at 1821 Price Canyon Road to its existing 12-inch pipeline located at the intersection of Oak Park Drive and Grande Avenue in the City of Arroyo Grande. The proposed pipeline alignment would be located primarily within existing roadway right-of-way. The existing 12-inch pipeline at the intersection of Oak Park Drive and Grande Avenue connects to the existing Santa Maria oil refinery at 2555 Willow Road on the Nipomo Mesa. The project also includes installation of "pig receiver" at the existing Summit Station facility located at 1364 Dale Avenue, south of Arroyo Grande. In addition, the project would replace an existing segment of the existing P66 pipeline within Arroyo Grande Creek.

B. JURISDICTIONAL AUTHORITY

The proposed pipeline is a multi-jurisdictional project. The project would traverse through unincorporated San Luis Obispo County and the cities of Grover Beach, Pismo Beach and Arroyo Grande. The County of San Luis Obispo is the Lead Agency, and the cities of Grover Beach, Pismo Beach and Arroyo Grande are Responsible Agencies. This Initial Study is intended to analyze the potential impacts of the project in all four jurisdictions. It would be the responsibility of the cities of Grover Beach, Pismo Beach and Arroyo Grande to implement mitigation measures within their respective jurisdiction as recommended by the County of San Luis Obispo. The environmental analysis differentiates impacts by jurisdiction. The project description below discusses the project as a whole to be analyzed in this Initial Study, as well as the project description for each respective jurisdiction.

Within the County of San Luis Obispo, the project will require a Minor Use Permit (a discretionary permit) for the 3.4 mile segment of the pipeline within the County, and this Initial Study examines the potential impacts associated with issuance of the permit. Within the cities of Grover Beach, Pismo Beach and Arroyo Grande, the remaining 1.7 miles of the proposed pipeline will require encroachment permits (non-discretionary permits), and as such the project in those jurisdictions does not trigger environmental review pursuant to CEQA. While encroachments permits are not subject to CEQA within Grover Beach, Pismo Beach and Arroyo Grande, this Initial Study examines all potential

impacts within the three cities and provides recommended mitigation measures for implementation by the respective Responsible Agency to mitigate potential impacts of the project as whole. Grover Beach, Pismo Beach and Arroyo Grande were consulted during preparation of this Initial Study. Approval of the pipeline segments within the cities is subject to approval by the respective city.

C. DETAILED PROJECT DESCRIPTION FOR INITIAL STUDY

Request by P66 for a MUP within San Luis Obispo County and encroachment permits within the cities of Grover Beach, Pismo Beach and Arroyo Grande to construct, operate, and maintain a 10-inch diameter oil pipeline that would transport crude oil from the existing Freeport McMoran Oil Field located at 1821 Price Canyon Road to its existing 12-inch pipeline located at the intersection of Oak Park Drive and Grande Avenue in the City of Arroyo Grande. Oil would then be transported via the existing pipeline to the existing P66 Santa Maria oil refinery at 2555 Willow Road. No modifications are proposed to the existing 12-inch pipeline, other than the replacement of a 32-foot segment within Arroyo Grande creek as described further below. Oil is currently transported via tanker truck from the Freeport McMoran oil field to the Santa Maria Pump Station located at 1580 East Battles Road. Installation of the pipeline would remove up to 18 tanker truck trips per day along the route to and from the Freeport McMoran oil field and the Santa Maria Pump Station. Figure 1 shows a regional image of the Freeport McMoran oil field, the proposed pipeline, the existing pipeline and the Santa Maria refinery.

The new pipeline would traverse through unincorporated San Luis Obispo County, as well as the cities of Pismo Beach, Grover Beach and Arroyo Grande. The majority of new pipeline would be located within unincorporated San Luis Obispo County. **Table 1** shows pipeline segment length by jurisdiction. **Figure 2** shows the route of the proposed pipeline by jurisdiction. As shown in **Figure 2**, a short segment of the pipeline within the City of Pismo Beach would traverse private property. Two pipeline alignments are provided for the pipeline on this property. The preferred alignment would utilize an existing utility easement, where an existing gas pipeline currently exists. The alternative alignment would reduce impacts to biological resources (discussed in Biological Resources); however, the alternative alignment would require the property owner to grant P66 a new easement, which has not yet been secured.

Table 1 – Proposed Pipeline Length by Jurisdiction

| Proposed Pipeline Segment | Length (Miles) |
|---|-----------------------|
| San Luis Obispo County – Unincorporated | 3.9 |
| City of Arroyo Grande | 0.4 |
| City of Grover Beach | 0.5 |
| City of Pismo Beach | 0.8 |
| TOTAL | 5.6 |

The proposed pipeline would be located above ground within the existing Freeport McMoran Oil Field. The pipeline would cross under Price Canyon Road within an existing pipeline vault and over Pismo Creek utilizing an existing pipeline bridge. Upon exiting the Freeport McMoran oil field, the pipeline would be located underground and is proposed to be buried below grade along the remainder of the route within roadway right-of-way.

Two above ground facilities along with a valve installation would be constructed in conjunction with the pipeline. A shipping pump, meter, related piping and a “pig launcher” would be constructed at the beginning of the pipeline within the existing Freeport McMoran Oil Field. A similar meter, related piping and “pig receiver” would be constructed at the existing Summit Station facility located at 1364

Dale Avenue, south of Arroyo Grande. A mid-point block valve located easterly of Highway 101 would be installed for isolation of the line. Existing oil tank storage facilities and associated piping within the Freeport McMoran Oil Field would be upgraded and replaced in kind. **Figure 3** shows the location of these proposed facilities.

The 10-inch pipeline would be designed and operated as a hot oil line capable of transporting 1,500 to 10,000 barrels of oil per day. The pipeline would operate at a pressure of 700 to 1480 pounds per square inch gauge (psig). The pipe would be composed of carbon steel. The buried portion would be externally coated with either a corrosion resistant tape wrap system and/or fusion bonded epoxy coating system. A cathodic protection system would also be installed to provide additional external corrosion protection.

The pipeline would be installed by excavating a trench approximately 2 feet wide and approximately four to five feet deep utilizing a rubber tired backhoe, excavator and/or or trencher depending on location, existing utilities and terrain.

Pipeline construction would generally occur in following order: survey and staking of the right-of-way; clearing and grading; trenching; pipe stringing, bending, and welding; lowering the pipeline into the trench; backfilling the trench; hydrostatic testing; and cleanup / restoration. The pipeline construction would take place in a continuous manner with one section of trench being excavated and the spoil from the excavation being placed beside the trench or placed into dump trucks to keep the roadway clear. After the section of pipe is installed, the trench section would be backfilled with the original excavated material or with a slurry mix to expedite the backfill operation.

Construction within the roadway would require traffic control, lane closures and potentially temporary road closures. It is estimated that pipeline construction would take approximately four to six months to complete. Fueling and maintenance of construction equipment would only be conducted in designated areas. Project staff, including subcontractors and construction personnel, would be trained to watch for and immediately report inadvertent releases and leaks that may occur during construction. Preventative measures would include restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage. Proper training for pipeline personnel, and the establishment of lines of communication and reporting would facilitate prevention, response, containment, and cleanup of spills during construction activities.

Figure 1. Freeport McMoran Oil Field,
Proposed Pipeline Alignment,
Existing Pipeline Alignment and Santa Maria Refinery

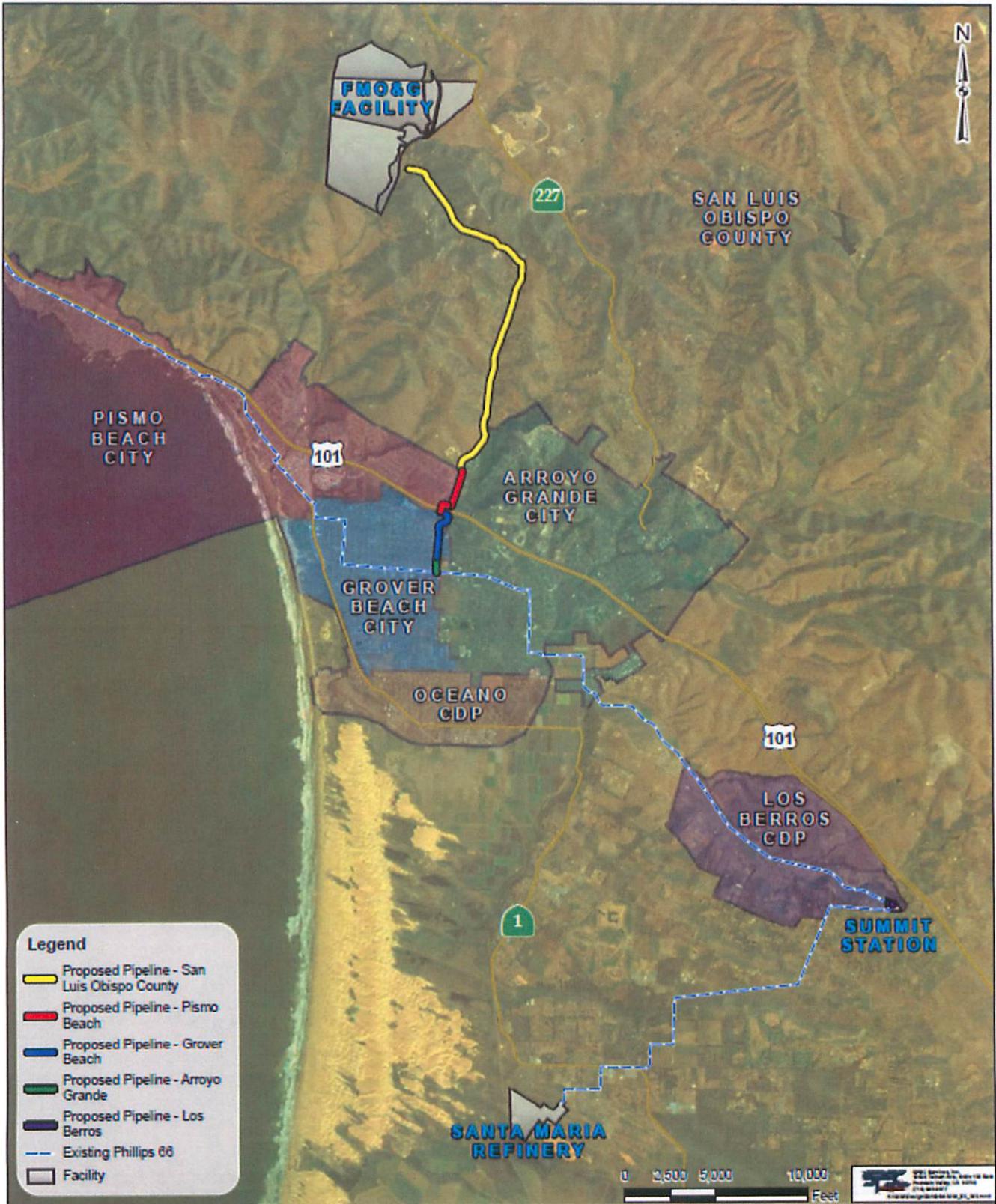
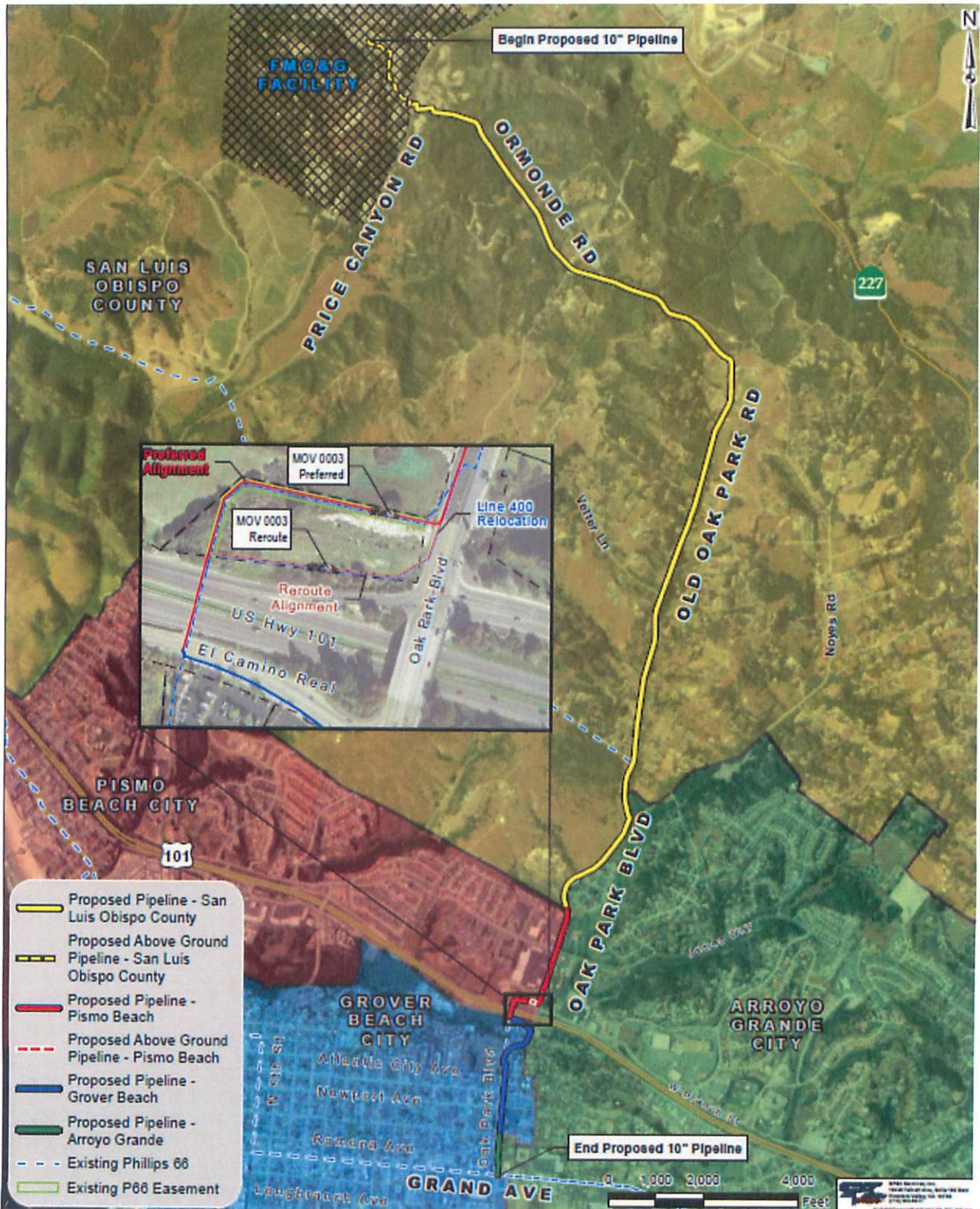
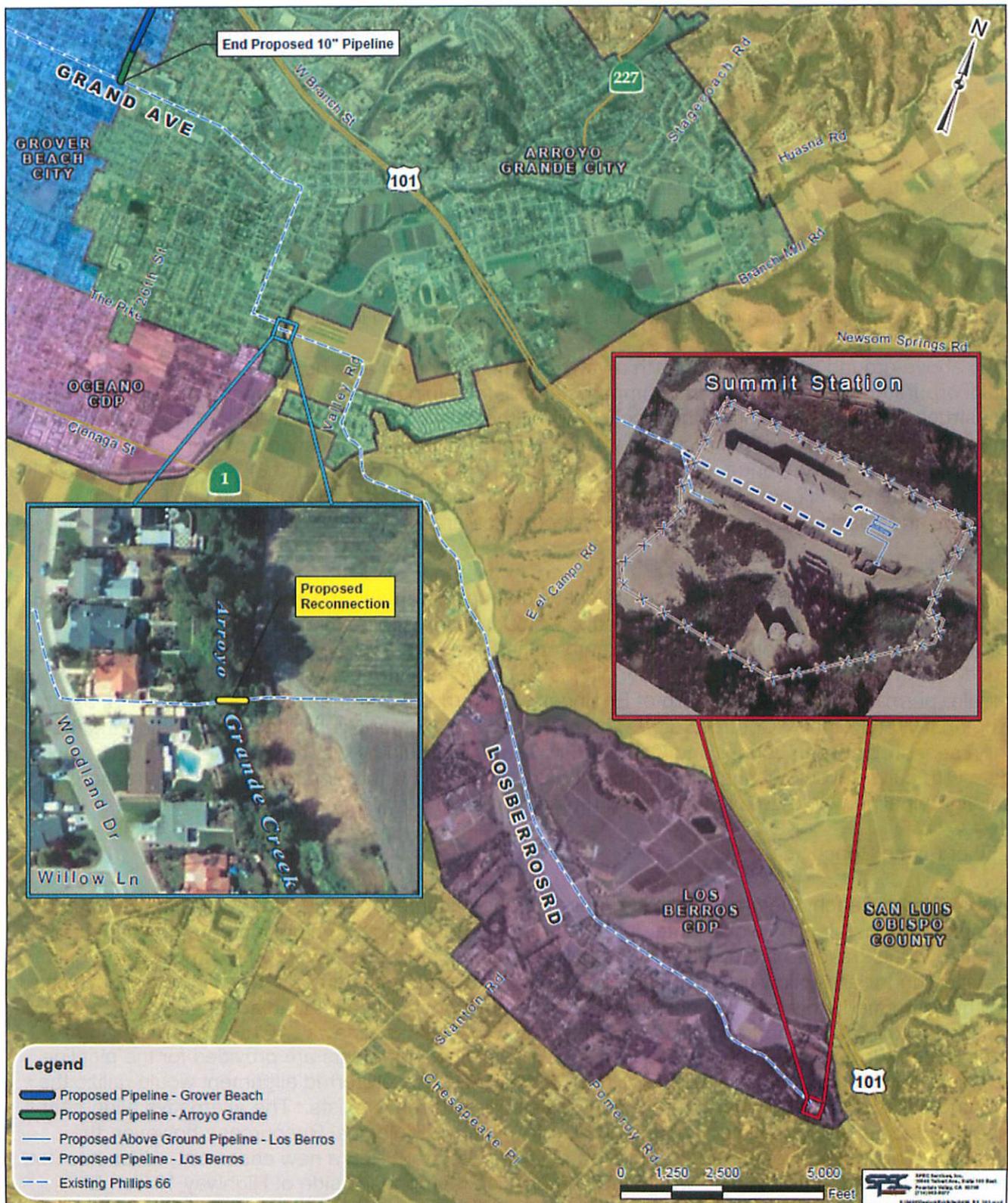


Figure 2. Proposed Pipeline Alignment by Jurisdiction**



**Note: Preferred Alignment and Alternative Alignment are located in the City of Pismo Beach and limited to the parcel shown above (APN 005-395-014).

Figure 3. Proposed Arroyo Grande Creek Pipeline Replacement and Summit Station Facilities



D. PROJECT DESCRIPTION BY JURISDICTION

Unincorporated San Luis Obispo County

Within the County of San Luis Obispo, the project would require a MUP. The MUP would allow the construction, installation and operation of the follow project components. The pipeline would traverse approximately 3.9 miles through the county. The pipeline would begin by traversing the existing Freeport McMoran Oil field, located at 1821 Price Canyon Road, above grade within existing pipe corridors. It would cross Pismo Creek via an existing pipe bridge that supports existing oil pipelines. It would then follow existing pipe corridors to the boundary of the Freeport McMoran oil field. Once the pipeline exits the Freeport McMoran oil field and enters Ormonde Road right-of-way, the pipeline would be installed under existing roadway. The pipeline would be installed under and follow the right-of-way of Ormonde Road to Old Oak Park Road to Oak Park Road to the terminus of unincorporated San Luis Obispo County boundary (as shown in **Figure 2**). The pipeline would be installed by excavating a trench approximately 2 feet wide and approximately four to five feet deep utilizing a rubber tired backhoe, excavator and/or or trencher depending on location, existing utilities and terrain.

Two above ground facilities along with a valve installation would also be constructed within unincorporated county. A shipping pump, meter, related piping and a “pig launcher” would be constructed at the beginning of the pipeline within the existing Freeport McMoran oil field. A similar meter, related piping and “pig receiver” would be constructed at the existing Summit Station facility located at 1364 Dale Avenue, south of Arroyo Grande (as shown in **Figure 3**). A mid-point block valve located easterly of Highway 101 would be installed for isolation of the line. Existing oil tank storage facilities and associated piping within the Freeport McMoran oil field would be upgraded and replaced in kind.

In addition, as shown in **Figure 3**, the project would replace an existing segment of the existing P66 pipeline. The existing pipeline would need a 32-foot section of pipe to be replaced under Arroyo Grande Creek approximately 1350 feet south of the Fair Oaks Avenue Bridge. This segment would need to be replaced due to its aging condition. Construction activities within Arroyo Grande Creek will require permits from the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board. The proposed replacement would be completed during the “dry” season, between June 1 and October 31. The area would be cleared of vegetation and a coffer dam with culvert would be installed during construction to allow for “dry” method of construction. The existing pipeline would be excavated and replaced in-kind.

City of Pismo Beach

Within Pismo Beach, the project would require an encroachment permit. Near Oak Park Road and James Way, the pipeline would enter into the City of Pismo Beach from unincorporated county. The pipeline would traverse approximately 0.8 miles within the City (see **Figure 2**). The pipeline would be installed under and follow the right-of-way of Oak Park Road, past James Way and would turn to the northwest immediately after Branch Street and cross an open, private lot adjacent to an existing P66 pipeline (within an existing access easement), then cross under Highway 101 within an existing P66 casing (see **Figure 2**). As shown in **Figure 2**, two pipeline alignments are provided for the pipeline segment located on private property (APN 005-395-014). The preferred alignment would utilize the existing utility easement, where an existing gas pipeline currently exists. The alternative alignment would reduce impacts to biological resources (discussed in Biological Resources); however, the alternative alignment would require the property owner to grant P66 a new easement, which has not yet been secured. The pipeline would then emerge on the opposite side of Highway 101 on El Camino Real Road within the City of Grover Beach. The pipeline would be installed by excavating a trench approximately 2 feet wide and approximately four to five feet deep utilizing a rubber tired

backhoe, excavator and/or or trencher depending on location, existing utilities and terrain. Construction activities within the City would be similar to those described above in Project Description Overview.

City of Grover Beach

Within the City of Grover, the project would require an encroachment permit. The pipeline would traverse approximately 0.5 miles within the City (see **Figure 2**). The pipeline would be installed under and follow the right-of-way El Camino Real to Oak Park Road where it would then continue southward along Oak Park Boulevard. At the intersection of Oak Park and Brighton Avenue, the pipeline would enter into the City of Arroyo Grande. The pipeline would be installed by excavating a trench approximately 2 feet wide and approximately four to five feet deep utilizing a rubber tired backhoe, excavator and/or or trencher depending on location, existing utilities and terrain. Construction activities within the City would be similar to those described above in Project Description Overview.

City of Arroyo Grande

Within the City of Arroyo Grande, the project would require an encroachment permit. The pipeline would traverse approximately 0.4 miles within the City (see **Figure 2**). At the intersection of Oak Park and Brighton Avenue, the pipeline would continue along Oak Park to the terminus of the new pipeline at Grand Avenue. At the intersection of Grand Avenue and Oak Park, the new pipeline would tie-in to the existing P66 pipeline that extends to the existing Santa Maria Refinery (see **Figure 3**) Construction activities would occur in both the City of Grover Beach and Arroyo Grande. The pipeline would be installed by excavating a trench approximately 2 feet wide and approximately four to five feet deep utilizing a rubber tired backhoe, excavator and/or or trencher depending on location, existing utilities and terrain. Construction activities within the County would be similar to those described above in Project Description Overview.

ASSESSOR PARCEL NUMBER(S): 044-201-002, 091-053-033, 005-395-014, Roadway Right-of-Way

Latitude: Various - Linear Project Longitude: Various - Linear Project **SUPERVISORIAL DISTRICT # 3, 4**

E. EXISTING SETTING

PLANNING AREA: San Luis Bay (Inland),

TOPOGRAPHY: Gently rolling

LAND USE CATEGORY: Agriculture
Residential Rural Roadway Right-of-Way

VEGETATION: Grasses Scattered Oaks

COMBINING DESIGNATION(S): Geologic Study
Energy Extractive Area

PARCEL SIZE: Not applicable

EXISTING USES: Oil Extraction Roadway

SURROUNDING LAND USE CATEGORIES AND USES:

Land uses adjacent to the pipeline along the 5.6 mile route include Agriculture, Rural Lands, Rural Residential, and Residential Suburban within unincorporated County. Land uses adjacent to the pipeline within the cities of Pismo Beach, Grover Beach and Arroyo Grande include general commercial, commercial service, residential and open space uses.

F. ENVIRONMENTAL ANALYSIS

During the Initial Study process, several issues were identified as having potentially significant environmental effects (see following Initial Study). Those potentially significant items associated with the proposed uses can be minimized to less than significant levels.



COUNTY OF SAN LUIS OBISPO INITIAL STUDY CHECKLIST

1. AESTHETICS

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|----------------------------|--------------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Create an aesthetically incompatible site open to public view?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Introduce a use within a scenic view open to public view?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Change the visual character of an area?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Create glare or night lighting, which may affect surrounding areas?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Impact unique geological or physical features?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The existing Freeport McMoran Oil Field contains several oil wells, holding tanks, pipelines, structures, and other appurtenant oil extraction infrastructure. The Freeport McMoran Oil Field's visibility from Price Canyon Road is limited, as the field is predominately screened by existing vegetation and topography. The proposed pipeline route from the Freeport McMoran Oil Field along Ormonde Road, Old Oak Park Road and Oak Park Road primarily contains views of agricultural and rural lands, as well as open space dominated by oak woodland and annual grasslands. This route is not designated as a scenic area; however, the route provides high scenic value. The existing Summit Station facility contains holding tanks, pipelines, structures, and other appurtenant oil extraction infrastructure. Summit Station is screened by existing fencing, dense vegetation and topography.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

The visual character of the proposed pipeline route within the cities of Arroyo Grande, Grover Beach and Pismo Beach is generally urbanized and contains a mix of commercial and residential land uses. The proposed pipeline would be located underground within the right-of-way of Oak Park Boulevard within these cities.

Impact.

Unincorporated San Luis Obispo County

The proposed pipeline would not create an aesthetically incompatible site or land use, or change the visual character of the area, as the pipeline would be located underground. The above ground facilities, which include the shipping pump, meter, related piping and a "pig launcher" would be located within the existing Freeport McMoran Oil field and the existing Summit Station facility and would not be visible because they would be screened by existing vegetation, topography, structures and fencing. The portion of the pipeline that would utilize the existing pipe bridge over Pismo Creek would be screened by existing vegetation and topography.



The proposed project would not include installation of lighting and would therefore not create glare or night lighting. The project would not impact unique geological or physical features as it would be predominately located within existing roadway right-of-way.

City of Pismo Beach

The proposed pipeline would not create an aesthetically incompatible site or land use, or change the visual character of the area in locations where the pipeline would be located underground within the existing roadway right-of-way. However, the pipeline alignment would traverse an undeveloped, private parcel immediately adjacent to the eastern side of Highway 101 (APN 005-395-014). The parcel contains oak trees along the western portion of the parcel. The pipeline alignment may require the removal of up to eight oak trees, seven of which will require mitigation due to size. The City of Pismo has expressed that the removal of these trees would reduce the screening capability of the development to the east, as well as the above-ground block valve to be installed. The pipeline itself would not be visible once installed as it would be located underground; however, the above ground block valve would be visible. This is a potentially significant impact. As shown in Figure 2, the project includes an alternative alignment. The alternative alignment would avoid impacts to all oak trees as a result of installation of the pipeline, and thus aesthetic impacts. However, the above ground block valve would be visible with the alternative alignment. As discussed in the project description, the alternative alignment would require the property owner to grant a new easement. This easement has not been secured and therefore is it not certain this alternative alignment is feasible at this time.

City of Grover Beach

The proposed pipeline would not create an aesthetically incompatible site or land use, or change the visual character of the area, or result in light or glare, as the pipeline would be located entirely underground within the City. No above ground facilities are proposed in Grover Beach.

City of Arroyo Grande

The proposed pipeline would not create an aesthetically incompatible site or land use, or change the visual character of the area, or result in light or glare, as the pipeline would be located entirely underground within the City. No above ground facilities are proposed in Grover Beach.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

No significant impacts to aesthetics would occur, no mitigation measures are required.

City of Pismo Beach

The City of Pismo Beach is responsible to ensure implementation of the following measures. The details of the following mitigation measure are further described in Exhibit B.

- The applicant shall comply with the Review of Oak Tree Evaluation and Protection Plan for APN 005-395-014 prepared Dave Ragan, ISA Certified Arborist, pursuant to Section 17.30.070 of the Pismo Beach Municipal Code in coordination with the City of Pismo Beach Planning Division. The Oak Tree Evaluation and Protection Plan requires mitigation for seven of the removed oak trees at a ratio of 4:1, thus 28 oak trees will be required to be planted on site. An annual monitoring plan is required to ensure survivability of the oaks until they are considered established by a certified arborist. If the alternative alignment is implemented and impacts to oak trees are avoided, this measure would not apply.
- The above-ground block valve shall be screened with appropriate vegetation as determined by the City of Pismo Beach to ensure the block valve is 100% screened from public roads within 5 years.

City of Grover Beach

No significant impacts to aesthetics would occur, no mitigation measures are required.

City of Arroyo Grande

No significant impacts to aesthetics would occur, no mitigation measures are required.

2. AGRICULTURAL RESOURCES

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Convert prime agricultural land, per NRCS soil classification, to non-agricultural use?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Impair agricultural use of other property or result in conversion to other uses?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Conflict with existing zoning for agricultural use, or Williamson Act program?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The route of the proposed pipeline is confined to existing roadway right-of-way and the Freeport McMoran oil field and Summit Station Facility. The pipeline would not encroach onto lands designated for agricultural uses; however, the pipeline route would be located immediately adjacent to lands designated as Agriculture. The soil types underlying the subject route and applicable roadways primarily consists of alluvial soils and quartz sandstone.

Cities of Pismo Beach Grover Beach and Arroyo Grande

The proposed pipeline would be located within existing roadway right-of-way and would not traverse, impact, or convert any land designated for agricultural land uses or soils of importance to agriculture, nor would the pipeline impair agricultural uses or conflict with Williamson Act programs.

Impact.

Unincorporated San Luis Obispo County

The proposed pipeline would be located within existing roadway right-of-way and would not traverse, impact, or convert any land designated for agricultural land uses or soils of importance to agriculture, nor would the pipeline impair agricultural uses or conflict with Williamson Act programs. The pipeline route would be located immediately adjacent to lands designated as Agriculture. However, construction and operation of the pipeline would not impact agricultural resources, as construction and operation would be confined to roadway right-of-way and would be temporary in nature.

Cities of Pismo Beach Grover Beach and Arroyo Grande

The proposed pipeline would be located within existing roadway right-of-way and/or would not traverse, impact, or convert any land designated for agricultural land uses or soils of importance to



agriculture, nor would the pipeline impair agricultural uses or conflict with Williamson Act programs.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

No significant agricultural impacts would occur and therefore no mitigation measures are necessary.

Cities of Pismo Beach Grover Beach and Arroyo Grande

No significant agricultural impacts would occur and therefore no mitigation measures are necessary.

3. AIR QUALITY

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|--|--------------------------|--------------------------------|-------------------------------------|--------------------------|
| a) <i>Violate any state or federal ambient air quality standard, or exceed air quality emission thresholds as established by County Air Pollution Control District?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Expose any sensitive receptor to substantial air pollutant concentrations?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Create or subject individuals to objectionable odors?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Be inconsistent with the District's Clean Air Plan?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Result in a cumulatively considerable net increase of any criteria pollutant either considered in non-attainment under applicable state or federal ambient air quality standards that are due to increased energy use or traffic generation, or intensified land use change?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GREENHOUSE GASES

| | | | | |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| f) <i>Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) <i>Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach Grover Beach and Arroyo Grande

Air quality impacts are regional in nature and evaluated relative to the air basin as a whole. As such, the setting is not delineated by jurisdiction nor is the impact evaluation.

The Air Pollution Control District (APCD) has developed and updated their [CEQA Air Quality Handbook \(2012\)](#) to evaluate project specific impacts and help determine if air quality mitigation measures are needed, or if potentially significant impacts could result. To evaluate long-term emissions, cumulative effects, and establish countywide programs to reach acceptable air quality levels, a Clean Air Plan has been adopted (prepared by APCD).

Greenhouse Gas (GHG) Emissions are said to result in an increase in the earth's average surface temperature. This is commonly referred to as global warming. The rise in global temperature is associated with long-term changes in precipitation, temperature, wind patterns, and other elements of the earth's climate system. This is also known as climate change. These changes are now thought to be broadly attributed to GHG emissions, particularly those emissions that result from the human production and use of fossil fuels.

The passage of AB32, the California Global Warming Solutions Act (2006), recognized the need to reduce GHG emissions and set the greenhouse gas emissions reduction goal for the State of California into law. The law required that by 2020, State emissions must be reduced to 1990 levels. This is to be accomplished by reducing greenhouse gas emissions from significant sources via regulation, market mechanisms, and other actions. Subsequent legislation (e.g., SB97-Greenhouse Gas Emissions bill) directed the California Air Resources Board (CARB) to develop statewide thresholds.

In March 2012, the San Luis Obispo County Air Pollution Control District (APCD) approved thresholds for GHG emission impacts, and these thresholds have been incorporated the APCD's CEQA Air Quality Handbook. APCD determined that a tiered process for residential / commercial land use projects was the most appropriate and effective approach for assessing the GHG emission impacts. The tiered approach includes three methods, any of which can be used for any given project:

1. Qualitative GHG Reduction Strategies (e.g. Climate Action Plans): A qualitative threshold that is consistent with AB 32 Scoping Plan measures and goals; or,
2. Bright-Line Threshold: Numerical value to determine the significance of a project's annual GHG emissions; or,
3. Efficiency-Based Threshold: Assesses the GHG impacts of a project on an emissions per capita basis.

For most projects the Bright-Line Threshold of 1,150 Metric Tons CO₂/year (MT CO₂e/yr) will be the most applicable threshold. In addition to the residential/commercial threshold options proposed above, a bright-line numerical value threshold of 10,000 MT CO₂e/yr was adopted for stationary source (industrial) projects.

It should be noted that projects that generate less than the above mentioned thresholds will also participate in emission reductions because air emissions, including GHGs, are under the purview of the California Air Resources Board (or other regulatory agencies) and will be "regulated" either by CARB, the Federal Government, or other entities. For example, new vehicles will be subject to increased fuel economy standards and emission reductions, large and small appliances will be subject to more strict emissions standards, and energy delivered to consumers will increasingly come from renewable sources. Other programs that are intended to reduce the overall GHG emissions include Low Carbon Fuel Standards, Renewable Portfolio standards and the Clean Car standards. As a result, even the emissions that result from projects that produce fewer emissions than the threshold

will be subject to emission reductions.

Under CEQA, an individual project's GHG emissions will generally not result in direct significant impacts. This is because the climate change issue is global in nature. However, an individual project could be found to contribute to a potentially significant cumulative impact. Projects that have GHG emissions above the noted thresholds may be considered cumulatively considerable and require mitigation.

Impact.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

Air quality impacts are regional in nature and evaluated relative to the air basin as a whole. As such, impacts are not delineated by County/City jurisdiction.

As proposed, the project will result in the disturbance of approximately 5.93 linear acres. This will result in the creation of construction dust, as well as short-term vehicle emissions. Upon completion of the pipeline, no emissions would occur. It should be noted that the project would remove up to 18 tanker truck trips per day. Emissions associated with those truck trips would be eliminated. The APCD has reviewed the criteria pollutant emissions calculations provided by the applicant. The project would emit 2.29 metric tons of ROG+ NO_x in total, and 1.01 metric tons of PM in total. APCD concurs with the findings that the project would not exceed established air quality thresholds. No significant air quality impacts are expected to occur.

The project would emit approximately 214 metric tons of GHGs (construction and operational) over the life of the project. The APCD has reviewed the GHG emissions calculations provided by the applicant. Using the GHG threshold information described in the Setting section, the project would generate less than the Bright-Line Threshold of 1,150 metric tons of GHG emissions. APCD concurs with the findings that the project would not exceed established GHG thresholds. Therefore, the project's potential direct and cumulative GHG emissions are found to be less significant and less than a cumulatively considerable contribution to GHG emissions. Section 15064(h)(2) of the CEQA Guidelines provide guidance on how to evaluate cumulative impacts. If it is shown that an incremental contribution to a cumulative impact, such as global climate change, is not 'cumulatively considerable', no mitigation is required. Because this project's emissions fall under the threshold, no mitigation is required.

The pipeline is located in areas known to contain naturally occurring asbestos. Air quality impacts associated with naturally occurring asbestos are regulated and mitigated by California Air Resources Board regulation 93105 - *Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations*. The project would be required to comply with this regulation which in part requires the preparation of an Asbestos Dust Control Plan to minimize potential impacts.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

While the project would not exceed air quality or GHG thresholds, the project will be required to implement standard dust control measures, construction phase idling limitations, and other standard measures as requirements of APCD. The project would also be required to comply with standard naturally occurring asbestos regulations as set forth by the California Air Resources Board. These measures are detailed in Exhibit B.

4. BIOLOGICAL RESOURCES

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|--|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Result in a loss of unique or special status species* or their habitats?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Reduce the extent, diversity or quality of native or other important vegetation?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Impact wetland or riparian habitat?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Interfere with the movement of resident or migratory fish or wildlife species, or factors, which could hinder the normal activities of wildlife?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Conflict with any regional plans or policies to protect sensitive species, or regulations of the California Department of Fish & Wildlife or U.S. Fish & Wildlife Service?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

* Species – as defined in Section 15380 of the CEQA Guidelines, which includes all plant and wildlife species that fall under the category of rare, threatened or endangered, as described in this section.

Setting. A biological resource survey report was prepared Dianne L. Mitchell in August 2012. The purpose of the survey was to identify any areas of known or potential biological sensitivity along the entire proposed route of the pipeline.

Unincorporated San Luis Obispo County

The pipeline would be located near Pismo Creek and Arroyo Grande Creek. The pipeline would span over Pismo Creek via an existing pipeline bridge. The Arroyo Grande creek segment would replace an existing pipeline within the creek bed. The pipeline would be adjacent to unnamed creeks/drainages along Ormonde Road. The following are biological resources on or near the proposed pipeline route:

South/Central Coast Steelhead Trout (*Oncorhynchus mykiss*) FT, CSC

South/Central Coast Steelhead Trout (*Oncorhynchus mykiss*) has been found in Pismo Creek. South/Central Coast Steelhead Trout is considered federally threatened and a California species of Special Concern. This species require cool, deep pools for holding through the summer, prior to spawning in the winter. Generally they are found in shallow areas, with cobble or boulder bottoms at the tails of pools. This species is threatened by water quality degradation (e.g., siltation, urban and agricultural pollutants), loss of riparian vegetation, and low instream flows resulting from water diversion, ground water pumping and periodic drought.

California red-legged frog (*Rana aurora draytonii*) FT

California red-legged frog (*Rana aurora draytonii*) has been found in the general vicinity of the project within Pismo Creek. California red-legged frog is considered federally threatened. This species typically inhabits shorelines with extensive vegetation. The frog requires 11 to 20 weeks of permanent water for larval development.

California red-legged frog is listed as federally threatened, and considered a California Special Concern species by the CDFG (CDFG, 2002). They historically have ranged from Marin

County southward to northern Baja California. Presently, Monterey, San Luis Obispo, and Santa Barbara counties support the largest remaining California red-legged frog populations within the state. The California red-legged frog is a large (85-138 millimeters) reddish-brown frog with variable red pigment on the ventral surfaces. Riparian habitat degradation, urbanization, predation by bullfrogs, and historic market harvesting have all reportedly contributed to population declines in this species.

The species occurs in varied habitats during its life cycle. Breeding areas include lagoons, streams and ponds, including siltation and irrigation ponds. California red-legged frogs typically breed from January to July, with peak breeding occurring in February. Juvenile frogs are found in open, shallow aquatic habitats containing dense emergent vegetation.

Adult California red-legged frogs prefer aquatic habitats with little or no flow, the presence of surface water to at least early June, surface water depths to at least 0.7 meter (2.3 feet), and the presence of fairly sturdy underwater supports such as cattails. The largest densities of California red-legged frogs are typically associated with dense stands of overhanging willows and an intermixed fringe of sturdy emergent vegetation. Although the species can inhabit ephemeral streams or ponds, populations probably cannot be maintained in ephemeral streams in which all surface water disappears. Adult California red-legged frogs are primarily nocturnal, although metamorphs and juveniles are known to be active during the day and night.

Western pond turtle (*Emys (or Clemmys) marmorata pallida*), CSC, FSC

Western pond turtle (*Emys (or Clemmys) marmorata pallida*) has been found in Pismo Creek. Western pond turtle is a federal and California Species of Special Concern. This is an aquatic turtle that uses upland habitat seasonally. They occur in ponds, streams, lakes, ditches, and marshes. The species prefers slow-water aquatic habitat with available basking sites nearby. Hatchlings require shallow water habitat with relatively dense submergent vegetation for foraging.

Coast horned lizard (*Phrynosoma coronatum*)

Coast horned lizard has occurred one mile northwest of Indian Knob. Wide variety of habitats, often along sandy washes with bushes for cover; loose soil for burial; feeds on ants & other insects.

American badger (*Taxidea taxus*)

American badger (*Taxidea taxus*) have been found in the vicinity of the project. In California, Badgers range throughout the state except for the humid coastal forests of northwestern California (Del Norte and Humboldt Co). Badger populations have declined drastically in California within the last century (Grinnell et al., 1937; Longhurst, 1940), where they now survive only in low numbers in peripheral parts of the central valley and adjacent lowlands to the west in eastern Monterey, Mendocino, San Benito and San Luis Obispo counties. In California, Badgers occupy a diversity of habitats. The principal requirements seem to be sufficient food, friable soils, and relatively open, uncultivated ground. Grasslands, savannas, and mountain meadows near timberline are preferred. Badgers prey primarily on burrowing rodents such as Gophers (*Thomomys*), Ground Squirrels (*Spermophilus*, *Ammospermophilus*), Marmots (*Marmota*), and Kangaroo Rats (*Dipodomys*). They are predatory specialists on these rodents, although they will eat a variety of other animals, including mice, Woodrats, reptiles, birds and their eggs, bees and other insects, etc.

Pismo clarkia (*Clarkia speciosa ssp. immaculate*) FE, SR, List 1B

Pismo clarkia (*Clarkia speciosa ssp. immaculate*) has been found in the vicinity of the project. This annual herb occurs on low, sandy hills (up to the 185 meter (600-foot) elevation) from

Pismo to Edna Valley. Pismo clarkia populations are found in valley and foothill grasslands, and in the margins between chaparral and oak woodland communities near the coast. This species is listed as Federally endangered, State rare, and extremely rare by CNPS (List 1B, RED 3-3-3).

Indian Knob mountainbalm (*Eriodictyon altissimum*) FE, SE, List 1B

Indian Knob mountainbalm (*Eriodictyon altissimum*) has been found about ___ mile to the ___. This evergreen shrub is found generally on sandstone soils in chaparral (maritime), cismontane woodland and coastal scrub areas at elevations between 80 and 270 meters (260 to 890 feet). The blooming period is March-June. Indian Knob mountainbalm is considered Federal and State endangered and extremely rare by CNPS (List 1B, RED 3-3-3).

Wells's manzanita (*Arctostaphylos wellsii*) List 1B

Wells's manzanita (*Arctostaphylos wellsii*) has been found about ___ mile to the ___. This evergreen shrub is found primarily on sandstone soils in closed cone coniferous forests and chaparral areas; in addition, individual shrubs have been observed growing in the shade of coast live oak trees on steep north-facing slopes. The typical flowering period is December through April. The species grows at elevations between 30 to 400 meters (100 to 1,315 feet). Wells's manzanita is considered rare by CNPS (List 1B, RED 2-3-3).

Santa Margarita manzanita (*Arctostaphylos pilosula* ssp. *pilosula*) List 1B

Santa Margarita manzanita (*Arctostaphylos pilosula* ssp. *pilosula*) has been found about ___ mile to the ___. This evergreen shrub is found on shale soils in closed-cone coniferous forest, chaparral; and cismontane woodland areas between the 170 and 1,100-meter elevations (555 to 3,600 feet). The typical blooming period is December-March. Santa Margarita manzanita is considered rare by CNPS (List 1B, RED 3-2-3).

City of Pismo Beach

The majority of the proposed pipeline alignment within Pismo Beach would be located within existing roadway right-of-way. However, the pipeline would traverse a small undeveloped parcel within an existing utility easement (APN 005-395-014). This parcel is highly disturbed and primarily contains non-native veldt grasses. No sensitive plant or animal species were observed on the property (Mitchell, 2012). The property does contain scattered oak trees of varying size and health. There is a drainage culvert immediately adjacent to the site that discharges on to the western portion of the site.

Grover Beach

No biological resources are known to occur along the proposed pipeline route as the pipeline would be located within existing roadway right-of-way within an existing built environment (Mitchell, 2012).

Arroyo Grande

No biological resources are known to occur along the proposed pipeline route as the pipeline would be located within existing roadway right-of-way within an existing built environment (Mitchell, 2012).

Impact.

Unincorporated San Luis Obispo County

Special Status Plant Species. Three sensitive plant species were observed during the spring/summer 2012 surveys adjacent to the proposed pipeline route (adjacent to roadways) within unincorporated San Luis Obispo County, which include Pismo clarkia, Well's manzanita and Santa Margarita manzanita. Pismo clarkia was observed on portions of the northeast road shoulder of Ormonde Road. Occurrences were only in locations where the narrow, sandy road shoulder was contiguous

with upslope grassland openings with Pismo clarkia habitat. The two manzanita species were observed immediately adjacent to and on the northeast shoulder of Ormonde Road. No other sensitive plant species or habitats were observed along the proposed route. As discussed in the project description, the vast majority of the pipeline would be located under existing roadways and would not encroach into areas where these sensitive species are located. No sensitive plant species were identified within Arroyo Grande Creek where construction would occur. Construction would not occur within the bed or bank of Pismo Creek. As such, the project would not result in direct impacts to special status plant species. However, in locations where these special status species occur adjacent to the roadway, construction activities may result in indirect impacts due to construction staging, equipment usage, soil excavation, trenching, and stockpiling. While the project would not directly require the removal of oak trees within the County, construction activities have the potential to impact adjacent oak trees due to their proximity to Ormonde Road and Oak Park Road. Impacts would be potentially significant.

Special Status Animal Species. The vast majority of the proposed pipeline would be located under existing roadways and would not encroach into areas where sensitive animal species are located. Potential impacts to steelhead trout, California red legged frog and the western pond turtle within Pismo Creek would not occur because the pipeline would be suspended over the creek via an existing pipe bridge and would not disturb any potential habitat of these species. All construction would be located outside of the creek bed and bank of Pismo Creek.

Steelhead trout and California red legged are known to occur within Arroyo Grande Creek where disturbances would occur. Construction activities within Arroyo Grande Creek include the installation of a temporary cofferdam, excavation of the existing pipeline, and replacement of the old pipeline with a new, 12-inch, 32-foot pipeline segment, removal of the cofferdam, and restoration. These construction activities would potentially disturb the habitat of, or, directly impact steelhead trout and California red legged. However, installation of a cofferdam would allow for the continuous flow of water and aquatic species, which would thereby minimize potential impacts. Once construction activities are complete, the areas of disturbance would be restored to their original condition. In addition, construction activities within Arroyo Grande creek will require permits from the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board. Permit conditions would be applied by these agencies to mitigate potential impacts to biological resources and water quality as necessary. Impacts would be potentially significant.

Riparian and Aquatic Habitat. Ground disturbing activities such as construction staging, excavation and pipeline installation near Pismo Creek may result in erosion and sedimentation as loose, unconsolidated soils are exposed, which may impact riparian and aquatic habitat during a storm event. In addition, operation of construction equipment near Pismo Creek may result in contamination if equipment is not properly maintained or if an accident occurs. Construction equipment may leak or spill fuel, oil or other chemicals into or near Pismo Creek. This is a potentially significant impact.

Ground disturbing activities such as excavation, old pipeline removal, and installation of new pipeline within Arroyo Grande may result in erosion and sedimentation as loose, unconsolidated soils are exposed. In addition, operation of construction equipment within Arroyo Grande Creek may result in contamination if equipment is not properly maintained or if an accident occurs. Construction equipment may leak or spill fuel, oil or other chemicals into Arroyo Grande Creek. Installation of a cofferdam within Arroyo Grande Creek during construction would help to minimize potential impacts related to erosion and sedimentation, as the cofferdam isolates construction activities from riparian and aquatic habitat. Once construction activities are complete, the areas of disturbance would be restored to their original condition. No permanent loss of riparian or aquatic habitat is expected to occur. Nonetheless, impacts to riparian and aquatic habitat would be potentially significant.

It should be noted that the project includes preventative measures to minimize impacts, including restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage.

City of Pismo Beach

The majority of the proposed pipeline alignment within Pismo Beach would be located within existing roadway right-of-way. However, the pipeline would traverse a small undeveloped parcel within an existing utility easement (APN 005-395-014). This parcel is highly disturbed and primarily contains non-native veldt grasses. No sensitive plant or animal species were observed on the property (Mitchell, 2012). The property does contain oak trees and a drainage culvert that discharges into the area containing oaks. The drainage culvert may be temporarily disturbed during construction and tree removal. Eight oak trees would be removed as result of installation of the pipeline on the property, seven of which require mitigation due to size. As shown in **Figure 2**, the project includes an alternative alignment. The alternative alignment would avoid impacts to all oak trees as a result of installation of the pipeline. No sensitive plant or animal species would be impacted by the alternative alignment. As discussed in the project description, the alternative alignment would require the property owner to grant a new easement. This easement has not been secured and therefore it is not certain the alternative alignment is feasible at this time.

Cities of Grover Beach and Arroyo Grande

No impacts to biological resources would occur within the cities, as all construction activities would occur within existing roadway right-of-way and would not disturb any areas with biological resources.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

The County of San Luis Obispo is responsible to ensure implementation of the following measures.

- A worker education program shall be prepared and presented to all construction personnel at the beginning of the project by a County approved biologist. The program shall discuss sensitive species with potential to occur in the construction zone, with emphasis on Pismo clarkia, manzanita, oak trees, and riparian habitats.
- Occurrences of Pismo clarkia, Well's manzanita, Santa Margarita Manzanita and oak trees within the shoulder or in close proximity to construction activities shall be identified on final construction plans, consistent with the findings of the biological survey report prepared by Dianne L. Mitchell dated August 2012. The applicant shall retain a County approved biologist to perform pre-construction surveys two weeks prior to commencement of construction. Orange plastic construction fencing shall be installed around the subject plant species to ensure avoidance to the extent practical. Other options include minimization of the area of work and/or soil exports and stock piles of temporary trench excavation stored in haul trucks.
- No construction staging areas shall be located where Pismo clarkia and Well's and Santa Margarita manzanita is known to occur based on the biological survey report prepared by Dianne L. Mitchell dated August 2012.
- Oak trees within 15 feet of anticipated ground disturbance shall be temporarily fenced with orange plastic construction fencing throughout grading and construction activities. The fencing shall be installed six feet outside the dripline of each tree, and shall be staked every six feet.

- Strict avoidance of *Pismo clarkia* shall be required. If avoidance of *Pismo clarkia* is not feasible, the applicant shall notify the County, provide justification, and document the number of species that would need to be removed. The applicant shall coordinate with the United States Fish and Wildlife Service to obtain the applicable permit required for removal of *Pismo clarkia*. The mitigation measures for *Pismo clarkia* shall include preparation of a restoration/mitigation plan that identifies various way to repopulate the species including but not limited to:
 - a. Seed collection and banking
 - b. Replanting in areas where populations of *Pismo clarkia* occur
 - c. Monitoring of seedlings and re-vegetated areas monthly for the first three months, then quarterly for the next 12 months. After the first year, species shall be monitored on an annual basis for a period of three years, or until success criteria are met, whichever is shorter.
- All conditions of permit issuance required other responsible agencies, including the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board shall be provided to the County to ensure compliance.
- All areas of disturbance within Arroyo Grande Creek shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the County prior to construction. In addition, the following mitigation measures shall be implemented:
 - Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the stream and ponded areas.
 - If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
 - Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
 - Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel. No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
 - Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
 - No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).
 - A mitigation plan shall be prepared by a qualified biologist and shall include success criteria, monitoring methods, a monitoring schedule, contingency planning, weed control/management provisions, irrigation methods and schedule, and annual reporting requirements. Created riparian and wetland habitat shall be monitored for a minimum of five years or as otherwise determined by the permitting agencies.
 - A qualified biological monitor shall be present during the installation of the cofferdam, staging areas, and parking areas so as to minimize disturbances. The biologist shall be certified to handle steelhead trout and California red legged frogs. The biologist shall monitor ponded water at the cofferdam and relocate any wildlife that may become impounded.

Implementation of the listed mitigation measures would reduce impacts to biological resources to a less than significant level.

City of Pismo Beach

The City of Pismo Beach is responsible to ensure implementation of the following measures.

- The applicant shall comply with the Review of Oak Tree Evaluation and Protection Plan for APN 005-395-014 prepared Dave Ragan, ISA Certified Arborist, pursuant to Section 17.30.070 of the Pismo Beach Municipal Code in coordination with the City of Pismo Beach Planning Division. The Oak Tree Evaluation and Protection Plan requires mitigation for seven of the removed oak trees at a ratio of 4:1, thus 28 oak trees will be required to be planted on site. An annual monitoring plan is required to ensure survivability of the oaks until they are considered established by a certified arborist.
- All conditions of permit issuance required by other responsible agencies including the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board shall be provided to the City of Pismo Beach and the County to ensure compliance.
- All areas of disturbance within the drainage area shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the City of Pismo Beach and the County prior to construction. In addition, the following mitigation measures shall be implemented:
 - Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the drainage area.
 - If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
 - Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
 - Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel. No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
 - Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
 - No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).

Implementation of the listed mitigation measures would reduce impacts to biological resources to a less than significant level.

City of Grover Beach

No mitigation measures are necessary for project components within Grover Beach.

City of Arroyo Grande

No mitigation measures are necessary for project components within Arroyo Grande.

5. CULTURAL RESOURCES

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|--|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Disturb archaeological resources?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Disturb historical resources?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) <i>Disturb paleontological resources?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting. The project is located in an area historically occupied by the Obispeno Chumash. No historic structures are present and no paleontological resources are known to exist in the area.

A Phase I and extended Phase I Archeological Survey in coordination with the *Yak Tityu Tityu* council was prepared by Gibson Archeological Consulting (July 4, 2012) to determine the potential for archeological resources to occur along the entire proposed route of the pipeline. A summary of conclusions is described below.

Impact.

Unincorporated San Luis Obispo County

Six prehistoric sites and one prehistoric isolated artifact were identified within 1/4 mile of the pipeline route. Of these sensitive seven areas, no intact prehistoric cultural deposits are expected to be affected by the project as a result of the project due to their distance from construction activities. However, the pipeline route is within the 150-foot buffer of a known archeological site that occurs on the Freeport McMoran Oil Field. Although no intact or displaced cultural materials have been recorded along the pavement where the pipeline would occur within the County, a survey from 1989 which identified the site on the Freeport McMoran Oil Field recommended additional surveys for any activities within 150 feet of the site. In addition, due to the proximity of known archeological resources within the vicinity of the project, the Phase I and extended Phase I recommended an archeological monitor during construction.

In addition, to due to the proximity of known resources, representatives of the *Yak Tityu Tityu* council were involved in the preparation of the Phase I and extended Phase I Archeological Survey. The council approved the overall approach of the study and its focus on survey of areas of the pipeline route in open space as opposed to spending effort surveying pavement or road shoulders. They are satisfied with the results of the extended phase one subsurface testing. They support the methods and conclusions of the study and the development and implementation of a comprehensive cultural resource monitoring program. Because much of the pipeline ROW is beneath pavement that could not be surveyed, no information exists on displaced or buried cultural deposits for much of the pipeline ROW. Specific areas to be monitored during construction will be determined as the project proceeds and trench profiles are available for examination. Monitoring will be determined by the project archaeologist and Native American representatives and may include one or both as needed.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

According to the Phase I, no known cultural resources were identified along the proposed pipeline route within the cities of Pismo Beach, Grover Beach or Arroyo Grande. However, it is possible that during trenching and excavation unknown cultural resources or human remains could be unearthed. Monitoring as prescribed below will be required for areas within the cities.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

The County of San Luis Obispo is responsible to ensure implementation of the following measures.

- Prior to issuance of construction permits, the Applicant shall submit a Monitoring Plan, prepared by a County-approved archaeologist, for review and approval by the County Department of Planning and Building. The plan shall include the entirety of the pipeline route. The intent of this Plan is to monitor all earth-disturbing activities in areas identified as potentially sensitive for cultural resources, per the approved Plan. The Monitoring Plan shall include at a minimum:
 - a. List of personnel involved in the monitoring activities;
 - b. Inclusion of involvement of the Native American community, as appropriate;
 - c. Description of how the monitoring shall occur;
 - d. Description of frequency of monitoring (e.g., full-time, part time, spot checking);
 - e. Description of what resources are expected to be encountered;
 - f. Description of circumstances that would result in the halting of work at the project site (e.g., What is considered “significant” archaeological resources?);
 - g. Description of procedures for halting work on the site and notification procedures; and
 - h. Description of monitoring reporting procedures.
- If during cultural resource monitoring of any construction excavation, any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representation and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act. In such an event, contact the San Luis Obispo County Building and Planning Department in San Luis Obispo, and appropriate city agencies if applicable. Such evaluations may include subsurface testing and laboratory analyses as needed.
- The monitoring plan shall also include provisions defining education of the construction crew and establishing protocol for treating unanticipated finds. In consultation with a County-approved archaeologist, the Applicant shall provide cultural resources awareness training to all field crews and field supervisors. This training will include a description of the types of resources that may be found in the project area, the protocols to be used in the event of an unanticipated discovery, the importance of cultural resources to the Native American community, and the laws protecting significant archaeological and historical sites. In addition, the Applicant shall provide all field supervisors with maps showing those areas sensitive for potential buried resources.
- Prior to issuance of construction permits, the applicant shall perform an extended Phase I survey in the area where construction would occur within the 150-foot buffer of the known archeological site on the Freeport McMoran Oil Field. If during cultural resource monitoring of any construction excavation, any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representative and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act.

Implementation of the listed mitigation would mitigate impacts to archeological resources to a less than significant level.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

The cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible for implementation of the following measure.

- The applicant shall submit a copy of the monitoring plan prepared pursuant to the mitigation measure described above to the cities of Pismo Beach, Grover Beach and Arroyo Grande. The monitoring plan shall include a monitoring plan for each of the segments within said cities.

Implementation of the listed mitigation would mitigation impacts to archeological resources to a less than significant level.

6. GEOLOGY AND SOILS

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Result in exposure to or production of unstable earth conditions, such as landslides, earthquakes, liquefaction, ground failure, land subsidence or other similar hazards?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Be within a California Geological Survey "Alquist-Priolo" Earthquake Fault Zone", or other known fault zones*?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Result in soil erosion, topographic changes, loss of topsoil or unstable soil conditions from project-related improvements, such as vegetation removal, grading, excavation, or fill?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Include structures located on expansive soils?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Be inconsistent with the goals and policies of the County's Safety Element relating to Geologic and Seismic Hazards?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Preclude the future extraction of valuable mineral resources?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) <i>Other: _____</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

* Per Division of Mines and Geology Special Publication #42

The project is within the Geologic Study area designation, and is subject to the preparation of a geological report per the County's Land Use Ordinance Section 23.07.084(c)] to evaluate the area's geological stability. A geological report was conducted for the entire length of the pipeline (Earth Systems Pacific, October 15, 2013).

Setting.

Unincorporated San Luis Obispo County

The following relates to the project's geologic aspects or conditions:

Topography: Gently rolling

Within County's Geologic Study Area?: Yes

Landslide Risk Potential: Low

Liquefaction Potential: Low

Nearby potentially active faults?: Yes Distance? Traverses the pipeline alignment

Area known to contain serpentine or ultramafic rock or soils?: Yes

Shrink/Swell potential of soil: Negligible

Other notable geologic features? None

Cities of Pismo Beach, Grover Beach and Arroyo Grande

The following relates to the project's geologic aspects or conditions:

Topography: Gently rolling

Landslide Risk Potential: Low

Liquefaction Potential: Low

Nearby potentially active faults?: Yes Distance? Traverses the pipeline alignment

Area known to contain serpentine or ultramafic rock or soils?: Yes

Shrink/Swell potential of soil: Negligible

Other notable geologic features? None

Impact.

Unincorporated San Luis Obispo County

The project will result in the disturbance of approximately 5.93 acres. The project would not be located in areas where landsliding, slope stability, flooding, soil erosion, tsunami, seiche, or expansion soils pose a significant geologic risk (Earth Systems Pacific, October 15, 2013). The proposed pipeline alignment is not located in an Alquist-Priolo Fault Zone and there are no mapped active faults in the immediate vicinity. The project would be located in areas known to contain naturally occurring asbestos (See Air Quality for impact discussion on naturally occurring asbestos).

City of Pismo Beach

The proposed pipeline alignment is not located in an Alquist-Priolo Fault Zone and there are no mapped active faults in the immediate vicinity. The preferred and alternative pipeline alignments may traverse the Wilmar Avenue Fault at Segment 241+00. There is uncertainty regarding the activity level of a Wilmar Avenue Fault (Earth Systems Pacific, October 15, 2013). The fault has poor geomorphic expression, and there is dispute among geologists as to whether this is due to the absence of Holocene movement or obscuring of the evidence due to man-made development. Due to the uncertainty as to whether the fault is active or not, it is conservatively assumed that the fault is active (Earth Systems Pacific, October 15, 2013). Impacts would be potentially significant (*please refer to Hazards for a discussion of potential risk and upset).

It should be noted that the pipeline would be constructed and maintained according to Federal Regulation 49 CFR 195 and California Government Code Section 51010-51019.1, which specifically regulates the transport of hazardous liquids by pipeline. Federal Regulation 49 CFR 195 includes stringent requirements for pipeline design, construction methods, pressure testing, operation and

maintenance, annual reporting, qualifications of personnel working on the pipeline, and corrosion control. These federal requirements are intended to mitigate potential risks associated with construction, operation and maintenance of pipelines. The entire pipeline would be constructed and designed to withstand seismically-induced ground movement and faulting movement to specifications that exceed the requirements of Federal Regulation 49 CFR 195.110.

The project would not be located in areas where landsliding, slope stability, flooding, soil erosion, tsunami, seiche, or expansion soils pose a significant geologic risk (Earth Systems Pacific, October 15, 2013). The project would be located in areas known to contain naturally occurring asbestos (See Air Quality for impact discussion on naturally occurring asbestos).

City of Grover Beach

The project would not be located in areas where landsliding, slope stability, flooding, soil erosion, tsunami, seiche, or expansion soils pose a significant geologic risk (Earth Systems Pacific, October 15, 2013). The proposed pipeline alignment is not located in an Alquist-Priolo Fault Zone and there are no mapped active faults in the immediate vicinity. The project would be located in areas known to contain naturally occurring asbestos (See Air Quality for impact discussion on naturally occurring asbestos).

City of Arroyo Grande

The project would not be located in areas where landsliding, slope stability, flooding, soil erosion, tsunami, seiche, or expansion soils pose a significant geologic risk (Earth Systems Pacific, October 15, 2013). The proposed pipeline alignment is not located in an Alquist-Priolo Fault Zone and there are no mapped active faults in the immediate vicinity. The project would be located in areas known to contain naturally occurring asbestos (See Air Quality for impact discussion on naturally occurring asbestos).

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

No mitigation measures are necessary within San Luis Obispo County.

City of Pismo Beach

The City of Pismo Beach is responsible to ensure implementation of the following measure.

- The applicant shall retain a certified geologic engineer to monitor excavation activities within the vicinity of where the fault is known to occur. If during excavation the fault is identified, the County and the City of Pismo Beach shall be notified. The geologic engineer shall provide a report and make recommendations for pipeline construction only if warranted by on-site conditions. The mitigation measures could include but are not limited to pipeline redesign, installation of additional gravel base to minimize ground movement, use of flexible pipeline joints, or alternative pipeline alignment if it is determined that compliance with Federal Regulation 49 CFR 195 and California Government Code Section 51010-51019 are not sufficient to mitigate impacts. This portion of the project is within the City of Pismo Beach (Responsible Agency) and is therefore not within the jurisdictional authority of the County of San Luis Obispo. As such, compliance with this mitigation measure should be coordinated with and verified by the City of Pismo Beach, and the applicant shall subsequently notify the County of San Luis Obispo.

City of Grover Beach and Arroyo Grande

No mitigation measures are necessary within Grover Beach and Arroyo Grande.

7. HAZARDS & HAZARDOUS MATERIALS - Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Create a hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Create a hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼-mile of an existing or proposed school?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Be located on, or adjacent to, a site which is included on a list of hazardous material/waste sites compiled pursuant to Gov't Code 65962.5 ("Cortese List"), and result in an adverse public health condition?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Impair implementation or physically interfere with an adopted emergency response or evacuation plan?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>If within the Airport Review designation, or near a private airstrip, result in a safety hazard for people residing or working in the project area?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) <i>Increase fire hazard risk or expose people or structures to high wildland fire hazard conditions?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h) <i>Be within a 'very high' fire hazard severity zone?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i) <i>Be within an area classified as a 'state responsibility' area as defined by CalFire?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j) <i>Other: _____</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The project is not located in an area of known hazardous material contamination. The project is not



within the Airport Review area. The project is within a 'high' and 'very high' severity risk area for fire within unincorporated San Luis Obispo County. The proposed project is not found on the 'Cortese List' (which is a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5). The project would not interfere with an emergency plan. The project is not within an airport review zone.

Cities of Pismo Beach, Arroyo Grande and Grover Beach

The project is not located in an area of known hazardous material contamination. The project is not within the Airport Review area. The project is not within a high severity risk area for wildfire. The proposed project is not found on the 'Cortese List' (which is a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5). The project would not interfere with an emergency plan. The project is not within an airport review zone.

Impact.

Unincorporated San Luis Obispo County

The project would routinely transport oil, a known hazardous material, via pipeline. If the pipeline were to rupture or fail, people, the natural environment, and built structures in close proximity to the pipeline alignment could be exposed to hazardous materials (oil). However, pipelines are regulated by the Federal Government and the proposed pipeline would be constructed and maintained according to Federal Regulation 49 CFR 195, which specifically regulates the transport of hazardous liquids by pipeline. Federal Regulation 49 CFR 195 includes stringent requirements for pipeline design, construction methods, pressure testing, operation and maintenance, annual reporting, qualifications of personnel working on the pipeline, and corrosion control. These federal requirements are intended to mitigate potential risks associated with construction, operation and maintenance of pipelines. The entire pipeline would be constructed and designed to withstand seismically-induced ground movement and faulting movement to specifications that exceed the requirements of Federal Regulation 49 CFR 195.110. The pipe would have a wall thickness of 0.365 inches with a pipe grade of API 5L-X52, which exceeds standard requirements. The pipe will be externally coated with 12 to 18 mils of fusion bonded epoxy then coated with 15 to 35 mils of abrasion resistant outer coating. The pipe would have a maximum operating pressure (MAOP) of 1480 pound per square inch with a maximum operating temperature of 180°F. This pipeline would meet or exceed the codes, specifications, and requirements set forth by federal and state agencies governing the operation of petroleum pipelines, including American National Standards Institute B31.4, American Society for Testing and Materials Standards, and Federal Regulation 49 CFR 195. Welding would conform to the latest edition of the API 1104 "Standard for Welding Pipelines and Related Facilities."

It should be noted that the project would eliminate 18 on-road tanker truck trips per day from the Freeport McMoran Oil Field to the Santa Maria Pump Station. As such, the project would eliminate the hazardous risk of upset associated with daily tanker truck trips on local roads.

In addition, the Office of the State Fire Marshall of California regulates safety of pipelines per California Government Code Section 51010-51019.1. The State Fire Marshall is responsible to regularly inspect pipeline operators to ensure compliance with federal and state pipeline safety laws and regulations. In addition, P66 is required by law to maintain a Health and Safety Plan, Fire Safety Plan, Hazardous Materials Business Plan, and an Oil Spill Contingency Plan. No other requirements beyond existing federal and state requirements regulating pipelines are necessary to mitigate safety risks.

It should be noted the project includes preventative measures restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage.

The project is located within a high and very high fire hazard area. Because the majority of the pipeline would be underground, it is generally not at risk in the event of a fire. However, construction activities in close proximity to high fire hazard areas could increase risk of fire due to welding, grinding or other construction activities that induce spark or heat. Impacts would be potentially significant.

City of Pismo Beach

The preferred *and* alternative alignments would routinely transport oil, a known hazardous material, via pipeline. The pipeline, including the preferred and alternative alignment, would also traverse a potential fault located at Segment 241+00 on APN 005-395-014. If the pipeline were to rupture or fail, people, the natural environment, and built structures in close proximity to the pipeline alignment could be exposed to hazardous materials (oil). However, see discussion above in *Unincorporated San Luis Obispo County* as to why these potential impacts would be mitigated by existing regulations. In addition, as discussed above under Geology, the applicant will be required to obtain a certified geologic engineer to monitor excavation activities within the vicinity of where the fault is known to occur. If during excavation the fault is identified, the County and the City of Pismo Beach will be notified. The geologic engineer shall provide a report and make recommendations for pipeline construction only if warranted by on-site conditions and if it is determined that compliance with Federal Regulation 49 CFR 195 and California Government Code Section 51010-51019 are not sufficient to mitigate impacts. The mitigation measures could include but are not limited to pipeline redesign, installation of additional gravel base to minimize ground movement, or alternative pipeline alignment.

It should be noted that the project would eliminate 18 on-road tanker truck trips per day from the Freeport McMoran Oil Field to the Santa Maria Pump Station. As such, the project would eliminate the hazardous risk of upset associated with daily tanker truck trips on local roads.

It should also be noted the project includes preventative measures restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage.

Cities of Grover Beach and Arroyo Grande

The project would routinely transport oil, a known hazardous material within Grover Beach and Arroyo Grande. In addition, the pipeline would be located within ¼ mile of Peace Christian School and Harloe Elementary School within the City of Arroyo Grande. If the pipeline were to rupture or fail, people, the natural environment, and built structures in close proximity to the pipeline alignment could be exposed to hazardous materials (oil). However, see discussion above in *Unincorporated San Luis Obispo County* as to why these potential impacts would be mitigated by existing regulations. It should be noted that the project would eliminate 18 on-road tanker truck trips per day from the Freeport McMoran Oil Field to the Santa Maria Pump Station. As such, the project would eliminate the hazardous risk of upset associated with daily tanker truck trips on local roads.

It should be noted the project includes preventative measures restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County

The County of San Luis Obispo is responsible to ensure implementation of the following measure.

The following mitigation measures are required to reduce risks associated with high fire hazard areas. Due to the possibility of an emergency response by Cal Fire, prior to trenching and confined space operations, a written or verbal notification is provided to the responding chief officer and fire station to ensure an efficient emergency team response should the need arise. The notification shall include the following:

- Planned entry date/time and extent and duration of operation.
- A copy of Phillips 66 /CAL OSHA entry permits or checklist.
- Collapse risks and planned type of protection and rescue operations to be utilized and available.
- Command structure of on –site personnel.
- Emergency equipment available on site for soil removal, respiratory protection, lighting, monitoring, extrication and patient packaging equipment.
- Notification of completion of work.

In addition, the following measure shall be implemented:

- a. No construction activities shall occur on high wind days if it would create an unacceptable fire risk.
- b. No smoking shall occur except in designated areas per Public Resources Code 4255.
- c. All applicable construction equipment shall have spark arresters. The spark arrester must present the space of exhaust or carbon or other flammable particles over 0.0232 of an inch, per Health and Safety Code 13003 and 13005.
- d. No motor, engine welding equipment, cutting equipment, or grinding devices shall be operated without first clearing away all flammable materials within 30-feet, and having immediate access to a shovel and water filled backpack pump or water tended/water truck for extinguishing any potential fire risk.

Implementation of the listed measures would reduce fire hazard related impacts to a less than significant level.

Cities of Pismo Beach, Arroyo Grande and Grover Beach

The cities of Pismo Beach, Arroyo Grande and Grover Beach are responsible to ensure implementation of the following measure.

- The notification provided to Cal Fire as required by the mitigation measure above shall also be provided to the fire departments within the cities of Pismo Beach, Arroyo Grande, and Grover Beach. The applicant shall provide verification that the fire plan has been provided to the fire departments.

In addition, the following measure shall be implemented:

- e. No construction activities shall occur on high wind days if it would create an unacceptable fire risk.
- f. No smoking shall occur except in designated areas per Public Resources Code 4255.
- g. All applicable construction equipment shall have spark arresters. The spark arrester must present the space of shaft or carbon or other flammable particles over 0.0232 of an inch, per Health and Safety Code 13003 and 13005.
- h. No motor, engine welding equipment, cutting equipment, or grinding devices shall be operated without first clearing away all flammable materials within 30-feet, and having immediate access to a shovel and water filled backpack pump or water tended/water truck for

extinguishing any potential fire risk.

Implementation of the listed measures would reduce fire hazard related impacts to a less than significant level.

8. NOISE

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Expose people to noise levels that exceed the County Noise Element thresholds?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Generate permanent increases in the ambient noise levels in the project vicinity?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Cause a temporary or periodic increase in ambient noise in the project vicinity?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Expose people to severe noise or vibration?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>If located within the Airport Review designation or adjacent to a private airstrip, expose people residing or working in the project area to severe noise levels?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The proposed pipeline alignment is immediately adjacent to sensitive receptors (residential land uses) along Ormonde Road, Old Oak Park Road and Oak Park Road.

City of Pismo Beach

The proposed pipeline alignment within the City of Pismo Beach is located adjacent to existing commercial land uses, no sensitive receptors (e.g. residences or schools) are nearby.

City of Grover Beach

The proposed pipeline alignment within Grover Beach is immediately adjacent to sensitive receptors including residential land uses.

City of Arroyo Grande

The proposed pipeline alignment within Arroyo Grande is immediately adjacent to sensitive receptors including residential land uses and Peace Christian School located at 244 Oak Park Boulevard and Harloe Elementary School located at 901 Fair Oaks Avenue.

Impact.

Unincorporated San Luis Obispo County

Construction activities associated with installation of the pipeline would generate temporary noise

associated with trenching, haul trips, cutting, grinding and other general construction activities. Nearby sensitive receptors would be subject to this temporary construction noise. However, per Section 22.10.120(A)4D) of the Land Use Ordinance, construction activities are exempt from noise standards provided that such activities do not take place before 7 A.M. or after 9 P.M. on any day except Saturday or Sunday, or before 8 A.M. or after 5 P.M. on Saturday or Sunday.

Once operational, the project will not generate any noise. The project would not expose people or introduce populations to excess noise or vibration, or locate people near an existing airport.

City of Pismo Beach

Construction activities associated with installation of the pipeline would generate temporary noise associated with trenching, haul trips, cutting, grinding and other general construction activities. Within Pismo Beach, the preferred and the alternative alignment would not be located adjacent to sensitive receptors. Nonetheless, construction activities would be subject to Section 9.24.050(5)(A) of the Pismo Beach Municipal Code, which limits construction activities to 7 A.M. to 7 P.M., Monday through Saturday. Construction shall not occur on Sundays or Holidays. Limiting construction to these hours would minimize potential nuisances and ensure impacts would be less than significant.

Once operational, the project will not generate any noise. The project would not expose people or introduce populations to excess noise or vibration, or locate people near an existing airport.

City of Grover Beach

Construction activities associated with installation of the pipeline would generate temporary noise associated with trenching, haul trips, cutting, grinding and other general construction activities. Nearby sensitive receptors would be subject to this temporary construction noise. Construction activities would be subject to Section 3120.1 of the Grover Beach Municipal Code, which limits construction activities to 7 A.M. to 7 P.M., Monday through Friday, and 8 A.M. to 5 P.M. on Saturdays and Sundays. Limiting construction to these hours would minimize potential nuisances and ensure impacts would be less than significant.

Once operational, the project will not generate any noise. The project would not expose people or introduce populations to excess noise or vibration, or locate people near an existing airport.

City of Arroyo Grande

Construction activities associated with installation of the pipeline would generate temporary noise associated with trenching, haul trips, cutting, grinding and other general construction activities. Nearby sensitive receptors would be subject to this temporary construction noise. Construction activities would be subject to Section 9.16.030, which limits construction activities to 7 A.M. to 10 P.M., Monday through Friday, and 8 A.M. to 5 P.M. on Saturdays and Sundays. Limiting construction to these hours would minimize potential nuisances and ensure impacts would be less than significant.

Once operational, the project will not generate any noise. The project would not expose people or introduce populations to excess noise or vibration, or locate people near an existing airport.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No significant noise impacts would occur and therefore no mitigation measures are necessary.

9. POPULATION/HOUSING

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|--------------------------|-------------------------------------|
| a) <i>Induce substantial growth in an area either directly (e.g., construct new homes or businesses) or indirectly (e.g., extension of major infrastructure)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) <i>Displace existing housing or people, requiring construction of replacement housing elsewhere?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) <i>Create the need for substantial new housing in the area?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting

Unincorporated San Luis Obispo County

In its efforts to provide for affordable housing, the county currently administers the Home Investment Partnerships (HOME) Program and the Community Development Block Grant (CDBG) program, which provides limited financing to projects relating to affordable housing throughout the county. The County’s Inclusionary Housing Ordinance requires provision of new affordable housing in conjunction with both residential and nonresidential development and subdivisions.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

Population and housing within the Cities of Pismo Beach, Grover Beach and Arroyo Grande are guided by their respective Housing Elements of the General Plan.

Impact.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

The project will not result in a need for new housing as it will not generate any population, nor will the project induce population growth. The project will not displace existing housing during construction or operation of the pipeline.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No significant population and housing impacts are anticipated. No mitigation measures are necessary.

10. PUBLIC SERVICES/UTILITIES

Will the project have an effect upon, or result in the need for new or altered public services in any of the following areas:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) Fire protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Police protection (e.g., Sheriff, CHP)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Roads? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) Solid Wastes? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) Other public facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) Other: _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The project area is served by the following public services/facilities:

Police: County Sheriff

Location: Oceano (Approximately 5 miles to the south)

Fire: Cal Fire (formerly CDF)

Hazard Severity: Very High

Response Time: 5-10 minutes

Location: Approximately 3 miles to the west

School District: San Luis Coastal Unified School District. Lucia Mar School District

City of Pismo Beach

Police protection is provided by the Pismo Beach Police Department. Fire protection is provided by the Pismo Beach Fire Department in a cooperative fire protection agreement with the Cal Fire. The school district near the project is Lucia Mar.

City of Grover Beach

Police protection is provided by the Grover Beach Police Department. Fire protection is provided by the Five Cities Fire Authority. The school district near the project is Lucia Mar.

City of Arroyo Grande

Police protection is provided by the Arroyo Grande Police Department. Fire protection is provided by the Five Cities Fire Authority. The school district near the project is Lucia Mar.

Impact.

Unincorporated San Luis Obispo County

No significant project-specific impacts to utilities or public services were identified, as the project would not generate any population or generate solid waste. In the event of an emergency associated with the pipeline, the County Sheriff and Cal Fire may need to respond; however, the likelihood of such an event is low. In addition, the project applicant is required to maintain a Health and Safety Plan, Fire Safety Plan, Hazardous Materials Business Plan, and an Oil Spill Contingency Plan, which help to minimize any potential risk.

Cities of Pismo Beach, Grover Beach and Arroyo Grande



No significant project-specific impacts to utilities or public services were identified, as the project would not generate any population or generate solid waste. In the event of an emergency associated with the pipeline, the applicable fire or police department may need to respond; however, the likelihood of such an event is low. In addition, the project applicant is required to maintain a Health and Safety Plan, Fire Safety Plan, Hazardous Materials Business Plan, and an Oil Spill Contingency Plan, which help to minimize any potential risk.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No significant public services impacts are anticipated. No mitigation measures are necessary.

11. RECREATION

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Increase the use or demand for parks or other recreation opportunities?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Affect the access to trails, parks or other recreation opportunities?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Other _____</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The County's Parks and Recreation Element does not show that a potential trail goes through the proposed project. The project is not proposed in a location that will affect any trail, park, recreational resource, coastal access, and/or Natural Area.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

Recreation within the Cities of Pismo Beach, Grover Beach and Arroyo Grande are guided by the respective Recreation of the General Plan.

Impact.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

The proposed project will not create a significant need for additional park, Natural Area, and/or recreational resources.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No significant recreation impacts are anticipated, and no mitigation measures are necessary.

12. TRANSPORTATION/CIRCULATION

| <i>Will the project:</i> | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Increase vehicle trips to local or areawide circulation system?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Reduce existing "Level of Service" on public roadway(s)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Create unsafe conditions on public roadways (e.g., limited access, design features, sight distance, slow vehicles)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Provide for adequate emergency access?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Conflict with an established measure of effectiveness for the performance of the circulation system considering all modes of transportation (e.g. LOS, mass transit, etc.)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Conflict with an applicable congestion management program?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) <i>Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h) <i>Result in a change in air traffic patterns that may result in substantial safety risks?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| i) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County

The County has established the acceptable Level of Service (LOS) on roads for this rural area as "C" or better. The existing road network in the area is operating at acceptable levels.

Referrals were sent to County Public Works and Caltrans. Encroachment permits would be required by Public Works and Caltrans for activities within the roadway. No significant traffic-related concerns were identified.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

Traffic and circulation within the Cities of Pismo Beach, Grover Beach and Arroyo Grande are guided by the respective Circulation Element of the General Plan. Encroachment permits would be required by each of the cities. No significant traffic-related concerns were identified.

Impact.

Unincorporated San Luis Obispo County

The project will generate temporary construction related traffic trips as a result of employees traveling to work areas along the proposed pipeline alignment. In addition, the majority of the pipeline would be

installed within the roadway right-of-way and as such roadway segments would need to be temporarily closed during construction, which may result in temporary disturbances to traffic circulation. The applicant will be required to obtain a roadway encroachment permit from County Public Works, and traffic control measures for construction will be required to ensure public safety and to minimize traffic congestion. Roadways will be required to be restored to their original condition as segments are completed. The project does not conflict with adopted policies, plans and programs on transportation. The project would not impact air traffic.

Once operational, the project would eliminate 18 tanker truck trips per day, as the pipeline would transport oil to the P66 Santa Maria Pump Station. No other trips would be generated once operational.

A segment of the pipeline would be located under Highway 101 within an existing pipeline vault, adjacent to an existing gas line. Construction activities within the Highway 101 right-of-way would require an encroachment permit from Caltrans.

Cities of Pismo Beach, Grover Beach and Arroyo Grande

The project will generate temporary construction related traffic trips as a result of employees traveling to work areas along the proposed pipeline alignment. In addition, the majority of the pipeline would be installed within the roadway right-of-way, roadway segments would need to be temporarily closed during construction, which may result in temporary disturbances to traffic circulation. The applicant will be required to obtain a roadway encroachment permit from each of the applicable jurisdictions in which construction activities occur. Traffic control measures for construction will be required to ensure public safety and to minimize traffic congestion, as determined by the jurisdiction. Roadways will be required to be restored to their original condition as segments are completed. The project does not conflict with adopted policies, plans and programs on transportation. The project would not impact air traffic.

Once operational, the project would eliminate 18 tanker truck trips per day on local roads, as the pipeline would transport oil to the P66 Santa Maria Pump Station.

Mitigation/Conclusion. No significant traffic impacts were identified. No mitigation measures are necessary.

13. WASTEWATER

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|---|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| a) <i>Violate waste discharge requirements or Central Coast Basin Plan criteria for wastewater systems?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Change the quality of surface or ground water (e.g., nitrogen-loading, day-lighting)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Adversely affect community wastewater service provider?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Impact.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

The project will not generate any wastewater. The project will not change the quality of ground or surface water, or affect wastewater service providers within the County of San Luis Obispo and the Cities of Pismo Beach, Grover Beach and Arroyo Grande.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No wastewater impacts were identified. No mitigation measures are necessary.

14. WATER & HYDROLOGY

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|--|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| QUALITY | | | | |
| a) <i>Violate any water quality standards?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Discharge into surface waters or otherwise alter surface water quality (e.g., turbidity, sediment, temperature, dissolved oxygen, etc.)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Change the quality of groundwater (e.g., saltwater intrusion, nitrogen-loading, etc.)?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Change rates of soil absorption, or amount or direction of surface runoff?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) <i>Change the drainage patterns where substantial on- or off-site sedimentation/ erosion or flooding may occur?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) <i>Involve activities within the 100-year flood zone?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| QUANTITY | | | | |
| h) <i>Change the quantity or movement of available surface or ground water?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| i) <i>Adversely affect community water service provider?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| j) <i>Expose people to a risk of loss, injury or death involving flooding (e.g., dam failure, etc.), or inundation by seiche, tsunami or mudflow?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| k) <i>Other: _____</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

The topography of the project is gently sloping. Portions of the project are located immediately adjacent to Pismo Creek and Arroyo Grande Creek. As described in the NRCS Soil Survey, the soil surface is considered to have moderate erodibility.

Projects involving more than one acre of disturbance are subject to preparing a Storm Water Pollution Prevention Plan (SWPPP) to minimize on-site sedimentation and erosion. The project will be required to prepare a SWPPP that will be implemented in unincorporated San Luis Obispo County and the Cities of Pismo Beach, Grover Beach and Arroyo Grande.

DRAINAGE – The following relates to the project’s drainage aspects:

Within the 100-year Flood Hazard designation? Portions Yes

Closest creek? Pismo Creek and Arroyo Grande Creek

Soil drainage characteristics: Well drained

SEDIMENTATION AND EROSION – Soil type, area of disturbance, and slopes are key aspects to analyzing potential sedimentation and erosion issues. As described in the NRCS Soil Survey, the the project’s soil erodibility is as follows:

Soil erodibility: Moderate

A sedimentation and erosion control plan is required for all construction and grading projects (LUO Sec. 22.52.120) to minimize these impacts within the unincorporated County. The plan is prepared by a civil engineer to address both temporary and long-term sedimentation and erosion impacts. The plan will be prepared for the entirety of the pipeline alignment and include all cities as well.

Impact.

Water Quality/Hydrology

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

The pipeline project would be subterranean and would not increase impervious surface area and would therefore not generate stormwater runoff post-construction. The project would not generate waste discharge. The project would not change the rate of soil absorption or change drainage patterns. The project would not expose people to dam failure, tsunami or sieche.

With regards to project impacts on water quality the following conditions apply:

- The project will be subject to standard requirements for drainage, sedimentation and erosion control for construction and permanent use;
- The project will be disturbing over an acre and will be required to prepare a SWPPP, which will be implemented during construction;
- Stockpiles will be properly managed during construction to avoid material loss due to erosion;
- All hazardous materials and/or wastes will be properly stored on-site, which include secondary containment should spills or leaks occur;

As discussed in Biological Resources above, the project would temporarily impact Arroyo Grande creek. However, construction activities within Arroyo Grande creek will require permits from the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control

Board, which will require measures to ensure water quality and hydrology of the creek is not affected. The mitigation measures prescribed for biological resources will also mitigate water quality and hydrology impacts. See Exhibit B for details.

It should be noted the project includes preventative measures restricting the location of fuel storage, fueling activities, and maintenance of construction equipment along the construction right-of-way to areas that are at least 500 feet from any blue line creek. During all phases of construction, refueling and lubrication of construction equipment would occur at the staging yards or at least 500 feet from any blue line creek along the construction right-of-way. Equipment would be regularly checked for leakage.

Water Quantity

Once operational, the project would not generate any demand for water. During construction, watering techniques will be used for dust control. It is estimated that construction activities will require a total of 124,000 gallons for dust control. This is not considered a significant impact.

Flooding

The project would be located in flood hazard areas; however, due to the nature of the project it would not be impacted by flooding or expose people or habitable structures to such flooding hazards.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

As specified above for water quality, existing regulations and/or required plans will adequately address surface water quality impacts during construction and permanent use of the project, including the preparation of a SWPPP. No additional measures above what are required or proposed are needed to protect water quality. As discussed in Biological Resources above, the project would temporarily impact Arroyo Grande creek. However, construction activities within Arroyo Grande creek will require permits from the Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board, which will require mitigation measure as applicable to reduce impacts. Based on the proposed amount of water to be used during construction, no significant impacts from water use are anticipated. Water and hydrology impacts would not be significant. No mitigation measures are necessary.

15. LAND USE

Will the project:

| | Inconsistent | Potentially Inconsistent | Consistent | Not Applicable |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) <i>Be potentially inconsistent with land use, policy/regulation (e.g., general plan [County Land Use Element and Ordinance], local coastal plan, specific plan, Clean Air Plan, etc.) adopted to avoid or mitigate for environmental effects?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Be potentially inconsistent with any habitat or community conservation plan?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

15. LAND USE

Will the project:

| | Inconsistent | Potentially Inconsistent | Consistent | Not Applicable |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| c) <i>Be potentially inconsistent with adopted agency environmental plans or policies with jurisdiction over the project?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) <i>Be potentially incompatible with surrounding land uses?</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) <i>Other:</i> _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Setting/Impact.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

Land uses in the vicinity are identified on Page 2 of the Initial Study. The proposed project was reviewed for consistency with policy and/or regulatory documents relating to the environment and appropriate land use (e.g., County Land Use Ordinance, Local Coastal Plan, City Ordinances and General Plans, etc.). Referrals were sent to outside agencies to review for policy consistencies. The project is not within or adjacent to a Habitat Conservation Plan area. The project is consistent or compatible with the surrounding uses as summarized on page 2 of this Initial Study.

Mitigation/Conclusion.

Unincorporated San Luis Obispo County, and Cities of Pismo Beach, Grover Beach and Arroyo Grande

No inconsistencies were identified and therefore no additional measures above what will already be required were determined necessary.

16. MANDATORY FINDINGS OF SIGNIFICANCE

Will the project:

| | Potentially Significant | Impact can & will be mitigated | Insignificant Impact | Not Applicable |
|--|--------------------------|-------------------------------------|--------------------------|--------------------------|
| a) <i>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?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) <i>Have impacts that are individually limited, but cumulatively considerable? ("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)</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) <i>Have environmental effects which will cause substantial adverse effects on</i> | | | | |

human beings, either directly or indirectly?



For further information on CEQA or the county's environmental review process, please visit the County's web site at "www.sloplanning.org" under "Environmental Information", or the California Environmental Resources Evaluation System at: http://www.ceres.ca.gov/topic/env_law/ceqa/guidelines for information about the California Environmental Quality Act.

Exhibit A - Initial Study References and Agency Contacts

The County Planning Department has contacted various agencies for their comments on the proposed project. With respect to the subject application, the following have been contacted (marked with an ☒) and when a response was made, it is either attached or in the application file:

| <u>Contacted</u> | <u>Agency</u> | <u>Response</u> |
|------------------|---|-----------------------|
| ☒ | County Public Works Department | In File** |
| ☒ | County Environmental Health Division | None |
| ☒ | County Agricultural Commissioner's Office | None |
| ☐ | County Airport Manager | Not Applicable |
| ☐ | Airport Land Use Commission | Not Applicable |
| ☒ | Air Pollution Control District | In File** |
| ☒ | County Sheriff's Department | In File** |
| ☒ | Regional Water Quality Control Board | None |
| ☐ | CA Coastal Commission | Not Applicable |
| ☒ | CA Department of Fish and Wildlife | None |
| ☒ | CA Department of Forestry (Cal Fire) | In File** |
| ☐ | CA Department of Transportation | Not Applicable |
| ☐ | Community Services District | Not Applicable |
| ☒ | Other <u>Native American Heritage Commission</u> | None |
| ☒ | Other <u>Cities of Pismo Beach, Grover Beach, Arroyo Grande</u> | None |

** "No comment" or "No concerns"-type responses are usually not attached

The following checked ("☒") reference materials have been used in the environmental review for the proposed project and are hereby incorporated by reference into the Initial Study. The following information is available at the County Planning and Building Department.

| | |
|--|--|
| <ul style="list-style-type: none"> ☒ Project File for the Subject Application <u>County documents</u> ☐ Coastal Plan Policies ☒ Framework for Planning (Coastal/Inland) ☒ General Plan (Inland/Coastal), includes all maps/elements; more pertinent elements: <ul style="list-style-type: none"> ☒ Agriculture Element ☒ Conservation & Open Space Element ☐ Economic Element ☒ Housing Element ☒ Noise Element ☐ Parks & Recreation Element/Project List ☒ Safety Element ☒ Land Use Ordinance (Inland/Coastal) ☐ Building and Construction Ordinance ☒ Public Facilities Fee Ordinance ☐ Real Property Division Ordinance ☒ Affordable Housing Fund ☐ Airport Land Use Plan ☐ Energy Wise Plan ☒ Area Plan and Update EIR | <ul style="list-style-type: none"> ☐ Design Plan ☐ Specific Plan ☒ Annual Resource Summary Report ☐ Circulation Study <u>Other documents</u> ☒ Clean Air Plan/APCD Handbook ☒ Regional Transportation Plan ☒ Uniform Fire Code ☒ Water Quality Control Plan (Central Coast Basin – Region 3) ☒ Archaeological Resources Map ☒ Area of Critical Concerns Map ☒ Special Biological Importance Map ☒ CA Natural Species Diversity Database ☒ Fire Hazard Severity Map ☒ Flood Hazard Maps ☒ Natural Resources Conservation Service Soil Survey for SLO County ☒ GIS mapping layers (e.g., habitat, streams, contours, etc.) ☐ Other |
|--|--|

In addition, the following project specific information and/or reference materials have been considered as a part of the Initial Study:

Results of An Archival Records Search, Phase One Archeological Surface Survey, and Phase One Subsurface Testing for the Phillips 66 10" Pipeline Project, San Luis Obispo County CA. Gibson Archeological Consulting, July 4, 2012.

Geologic Hazards Report Phillips 66 10-Inch Pipeline Arroyo Grande Oil Field, San Luis Obispo County, CA. Earth Systems Pacific, October 15, 2013.

Biological Survey Results Proposed Phillips 66 – Price Canyon Oil Pipeline Price Canyon Lease to Oak Park Blvd. and Grande Ave. San Luis Obispo, CA. Dianne L. Mitchell Consulting Biologist, August 2012.

Oak Tree Evaluation and Protection Plan. Shaun Callarman, ISA Certified Arborist WE-03256A, May 9, 2014.

Review of Oak Tree Evaluation and Protection Plan APN 005-395-014. Dave Ragan ISA Certified Arborist WE-0345A, June 14, 2014.

Exhibit B - Mitigation Summary Table

Per Public Resources Code Section 21081.6, the following measures also constitute the mitigation monitoring and/or reporting program that will reduce potentially significant impacts to less than significant levels. These measures will become conditions of approval (COAs) should the project be approved. The Lead Agency (County) or other Responsible Agencies, as specified in the following measures, are responsible to verify compliance with these COAs.

Aesthetics

The City of Pismo Beach is responsible to ensure implementation of this measure or comparable measure.

AES-1 The above-ground block valve located on APN 005-395-014 shall be screened with appropriate vegetation as determined by the City of Pismo Beach to ensure the block valve is 100% screened from public roads within 5 years.

Air Quality

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the following measures or otherwise comparable measures within their respective jurisdiction.

- AQ-1** During construction, the applicant shall implement the following dust control measures:
- a. Reduce the amount of the disturbed area where possible;
 - b. Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible; All dirt stock pile areas should be sprayed daily as needed;
 - c. Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible, following completion of any soil disturbing activities;
 - d. Exposed ground areas that are planned to be reworked at dates greater than one month after initial grading should be sown with a fast germinating, non-invasive, grass seed and watered until vegetation is established;
 - e. All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the APCD;
 - f. All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used;
 - g. Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site;
 - h. All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) in accordance with CVC Section 23114;
 - i. Install wheel washers where vehicles enter and exit unpaved roads onto streets, or wash off trucks and equipment leaving the site;
 - j. Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers with reclaimed water should be used where feasible;
 - k. All PM10 mitigation measures required shall be shown on grading and building plans; and,
 - l. The contractor or builder shall designate a person or persons to monitor the fugitive dust emissions and enhance the implementation of the measures as necessary to minimize

dust complaints, reduce visible emissions below 20% opacity, and to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the APCD Compliance Division prior to the start of any grading, earthwork or demolition.

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the following measures or otherwise comparable measures within their respective jurisdiction.

AQ-2 Prior to the commencement of construction, the applicant shall demonstrate compliance with California Air Resources Board regulation 93105 - *Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations*. The applicant shall provide to each jurisdiction the resulting Asbestos Dust Control Plan upon completion, unless preparation of a Asbestos Dust Control Plan is not required by the APCD as determined by the exemption process contained in regulation 93105.

Biological Resources

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures.

BIO-1 Prior to commencement of construction, a worker education program shall be prepared and presented to all construction personnel at the beginning of the project by a County approved biologist. The program shall discuss sensitive species with potential to occur in the construction zone, with emphasis on Pismo clarkia, manzanita, oak trees, and riparian habitats. The applicant shall provide verification from the selected biologist that the worker education program has been prepared and implemented.

BIO-2 At the time of application for construction permits or commencement of construction, occurrences of Pismo clarkia, Well's manzanita, Santa Margarita Manzanita and oak trees within the shoulder or in close proximity to construction activities shall be identified on final construction plans, consistent with the findings of the biological survey report prepared by Dianne L. Mitchell dated August 2012.

BIO-3 Two weeks prior to commencement of construction, the applicant shall retain a County approved biologist to perform pre-construction surveys for Pismo clarkia, Well's manzanita, Santa Margarita Manzanita plant species. No construction staging areas shall be located where Pismo clarkia and Well's and Santa Margarita manzanita is known to occur based on the biological survey report prepared by Dianne L. Mitchell dated August 2012 or identified in the pre-construction survey.

BIO-4 During construction, if Pismo clarkia is or will be impacted, the applicant shall notify the County, provide justification, and document the number of species that have been or would need to be removed. The applicant shall coordinate with the United States Fish and Wildlife Service to obtain the applicable permit required for removal of Pismo clarkia. The mitigation measures for Pismo clarkia shall include preparation of a restoration/mitigation plan that identifies various way to repopulate the species including but not limited to:

- a. Seed collection and banking
- b. Replanting in areas where populations of Pismo clarkia occur
- c. Monitoring of seedlings and re-vegetated areas monthly for the first three months, then quarterly for the next 12 months. After the first year, species shall be monitored on an annual basis for a period of three years, or until success criteria are met, whichever is

shorter.

BIO-5 Prior to commencement of construction, all conditions of permit issuance shall be provided to the County to ensure compliance with applicable measures required by Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board. All areas of disturbance within Arroyo Grande Creek shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the County prior to construction. In addition, the following mitigation measures shall be implemented:

- a. Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the stream and ponded areas.
- b. If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
- c. Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
- d. Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel. No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
- e. Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
- f. No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).
- g. A mitigation plan shall be prepared by a qualified biologist and shall include success criteria, monitoring methods, a monitoring schedule, contingency planning, weed control/management provisions, irrigation methods and schedule, and annual reporting requirements. Created riparian and wetland habitat shall be monitored for a minimum of five years or as otherwise determined by the permitting agencies.
- h. A qualified biological monitor shall be present during the installation of the cofferdam, staging areas, and parking areas so as to minimize disturbances. The biologist shall be certified to handle steelhead trout and California red legged frogs. The biologist shall monitor ponded water at the cofferdam and relocate any wildlife that may become impounded.

The City of Pismo Beach is responsible to ensure implementation of the following measures or otherwise comparable measures.

BIO-6 The applicant shall comply with the Review of Oak Tree Evaluation and Protection Plan for APN 005-395-014 prepared Dave Ragan, ISA Certified Arborist, pursuant to Section 17.30.070 of the Pismo Beach Municipal Code in coordination with the City of Pismo Beach Planning Division. The Oak Tree Evaluation and Protection Plan requires mitigation for seven of the removed oak trees at a ratio of 4:1, thus 28 oak trees will be required to be planted on site. An annual monitoring plan is required to ensure survivability of the oaks until they are considered established by a certified arborist. The applicant shall provide verification to the City of Pismo and to the County that the plan has been implemented within 90 days of cessation of construction on the applicable segment. If the alternative alignment is implemented and impacts to oak trees are avoided, this measure would not apply.

The City of Pismo Beach is responsible to ensure implementation of the following measures.

BIO-7 All conditions of permit issuance shall be provided to the City of Pismo and to the County to ensure compliance with the requirements of the Army Corps and Regional Water Quality Control Board as applicable. All areas of disturbance within the drainage area shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the City of Pismo and to the County prior to construction. In addition, the following mitigation measures shall be implemented:

- a) Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the drainage area.
- b) If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
- c) Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
- d) Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel.
- e) No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
- f) Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
- g) No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).

Cultural Resources

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures.

CR-1 Prior to issuance of construction permits, the applicant shall submit a Monitoring Plan, prepared by a County-approved archaeologist, for review and approval by the County Department of Planning and Building. The plan shall include the entirety of the pipeline 5.6 mile alignment. The intent of this Plan is to monitor all earth-disturbing activities in areas identified as potentially sensitive for cultural resources, per the approved Plan. The Monitoring Plan shall include at a minimum:

- a. List of personnel involved in the monitoring activities;
- b. Inclusion of involvement of the Native American community, as appropriate;
- c. Description of how the monitoring shall occur;
- d. Description of frequency of monitoring (e.g., full-time, part time, spot checking);
- e. Description of what resources are expected to be encountered;
- f. Description of circumstances that would result in the halting of work at the project site (e.g., What is considered "significant" archaeological resources?);
- g. Description of procedures for halting work on the site and notification procedures; and
- h. Description of monitoring reporting procedures.

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures.

CR-2 During construction, if any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representation and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act. In such an event, contact the San Luis Obispo County Building and Planning Department in San Luis Obispo, and appropriate city agencies if applicable. Such evaluations may include subsurface testing and laboratory analyses as needed.

- a. The monitoring plan shall also include provisions defining education of the construction crew and establishing protocol for treating unanticipated finds. In consultation with a County-approved archaeologist, the Applicant shall provide cultural resources awareness training to all field crews and field supervisors. This training will include a description of the types of resources that may be found in the project area, the protocols to be used in the event of an unanticipated discovery, the importance of cultural resources to the Native American community, and the laws protecting significant archaeological and historical sites. In addition, the Applicant shall provide all field supervisors with maps showing those areas sensitive for potential buried resources.

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures.

CR-3 Prior to issuance of construction permits, the applicant shall perform an extended Phase I survey in the area where construction would occur within the 150-foot buffer of the known archeological site on the Freeport McMoran Oil Field. If during cultural resource monitoring of any construction excavation, any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representative and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act.

The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the following measures or otherwise comparable measures within their respective jurisdiction.

CR-4 Prior to issuance of construction permits, the applicant shall submit a copy of the monitoring plan prepared pursuant to the mitigation measure described above to the cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure the monitoring plan can be implemented within the respective jurisdiction. It is the responsibility of said cities to implement the monitoring plan.

Geology

The City of Pismo Beach is responsible to ensure implementation of the following measures or otherwise comparable measures.

GEO-1 Prior to commencement of construction within Segment 241+00, the applicant shall retain

a certified geologic engineer to monitor excavation activities within the vicinity of where the fault is known to occur. If during excavation the fault is identified, the County and the City of Pismo Beach shall be notified. The geologic engineer shall provide a report and make recommendations for pipeline construction only if warranted by on-site conditions. The mitigation measures could include but are not limited to pipeline redesign, installation of additional gravel base to minimize ground movement, or alternative pipeline alignment if it is determined that compliance with Federal Regulation 49 CFR 195 and California Government Code Section 51010-51019 are not sufficient to mitigate impacts. The findings and results of the monitoring shall be provided to the City of Pismo Beach and the County.

Hazards and Hazardous Materials

The County of San Luis Obispo is responsible to ensure implementation of the following mitigation measures within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the following measures or otherwise comparable measures within their respective jurisdiction.

HAZ-1 Prior to commencement of construction, written notification shall be provided to the responding chief officer and fire station within the County and Cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure an efficient emergency team response should the need arise. The notice shall also be provided to the County and Cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure compliance. The notification shall include the following:

- a. Planned entry date/time and extent and duration of operation.
- b. A copy of Phillips 66 /CAL OSHA entry permits or checklist.
- c. Collapse risks and planned type of protection and rescue operations to be utilized and available.
- d. Command structure of on –site personnel.
- e. Emergency equipment available on site for soil removal, respiratory protection, lighting, monitoring, extrication and patient packaging equipment.
- f. Notification of completion of work.

The County of San Luis Obispo is responsible for implementation of the following mitigation measures within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible for implementation of the following measures or otherwise comparable measures within their respective jurisdiction.

HAZ-2 During construction, the following measures shall be implemented.

- a. No construction activities shall occur on high wind days if it would create an unacceptable fire risk.
- b. No smoking shall occur except in designated areas per Public Resources Code 4255.
- c. All applicable construction equipment shall have spark arresters. The spark arrester must present the space of exhaust or carbon or other flammable particles over 0.0232 of an inch, per Health and Safety Code 13003 and 13005.
- d. No motor, engine welding equipment, cutting equipment, or grinding devices shall be operated without first clearing away all flammable materials within 30-feet, and having immediate access to a shovel and water filled backpack pump or water tended/water truck for extinguishing any potential fire risk.

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The applicant agrees to incorporate the following measures into the project. These measures become a part of the project description and therefore become a part of the record of action upon which the environmental determination is based. All development activity must occur in strict compliance with the following mitigation measures. These measures shall be perpetual and run with the land. These measures are binding on all successors in interest of the subject property.

Note: The items contained in the boxes labeled "Monitoring" describe the procedures to be used to ensure compliance with the mitigation measures.

The following mitigation measures address impacts that may occur as a result of the development of the project.

Aesthetics

AES-1 The above-ground block valve located on APN 005-395-014 shall be screened with appropriate vegetation as determined by the City of Pismo Beach to ensure the block valve is 100% screened from public roads within 5 years.

Monitoring: The City of Pismo Beach is responsible to ensure implementation of this measure or comparable measure.

Air Quality

AQ-1 During construction, the applicant shall implement the following dust control measures:

- a. Reduce the amount of the disturbed area where possible;
- b. Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible; All dirt stock pile areas should be sprayed daily as needed;
- c. Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible, following completion of any soil disturbing activities;
- d. Exposed ground areas that are planned to be reworked at dates greater than one month after initial grading should be sown with a fast germinating, non-invasive, grass seed and watered until vegetation is established;
- e. All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the APCD;
- f. All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used;
- g. Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site;

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- h. All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) in accordance with CVC Section 23114;
- i. Install wheel washers where vehicles enter and exit unpaved roads onto streets, or wash off trucks and equipment leaving the site;
- j. Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers with reclaimed water should be used where feasible;
- k. All PM10 mitigation measures required shall be shown on grading and building plans; and,
- l. The contractor or builder shall designate a person or persons to monitor the fugitive dust emissions and enhance the implementation of the measures as necessary to minimize dust complaints, reduce visible emissions below 20% opacity, and to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the APCD Compliance Division prior to the start of any grading, earthwork or demolition.

AQ-2 Prior to the commencement of construction, the applicant shall demonstrate compliance with California Air Resources Board regulation 93105 - *Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations*. The applicant shall provide to each jurisdiction the resulting Asbestos Dust Control Plan upon completion, unless preparation of a Asbestos Dust Control Plan is not required by the APCD as determined by the exemption process contained in regulation 93105.

Monitoring: The County of San Luis Obispo is responsible to ensure implementation of the mitigation measures above within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the measures above or otherwise comparable measures within their respective jurisdiction.

Biological Resources

- BIO-1** Prior to commencement of construction, a worker education program shall be prepared and presented to all construction personnel at the beginning of the project by a County approved biologist. The program shall discuss sensitive species with potential to occur in the construction zone, with emphasis on Pismo clarkia, manzanita, oak trees, and riparian habitats. The applicant shall provide verification from the selected biologist that the worker education program has been prepared and implemented.
- BIO-2** At the time of application for construction permits or commencement of construction, occurrences of Pismo clarkia, Well's manzanita, Santa Margarita Manzanita and oak trees within the shoulder or in close proximity to construction activities shall be identified on final construction plans, consistent with the findings of the biological survey report prepared by Dianne L. Mitchell dated August 2012.
- BIO-3** Two weeks prior to commencement of construction, the applicant shall retain a County approved biologist to perform pre-construction surveys for Pismo clarkia, Well's manzanita, Santa Margarita Manzanita plant species. No construction staging areas shall be located where Pismo clarkia and Well's and Santa Margarita manzanita is known

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to occur based on the biological survey report prepared by Dianne L. Mitchell dated August 2012 or identified in the pre-construction survey.

BIO-4 During construction, if Pismo clarkia is or will be impacted, the applicant shall notify the County, provide justification, and document the number of species that have been or would need to be removed. The applicant shall coordinate with the United States Fish and Wildlife Service to obtain the applicable permit required for removal of Pismo clarkia. The mitigation measures for Pismo clarkia shall include preparation of a restoration/mitigation plan that identifies various ways to repopulate the species including but not limited to:

- a. Seed collection and banking
- b. Replanting in areas where populations of Pismo clarkia occur
- c. Monitoring of seedlings and re-vegetated areas monthly for the first three months, then quarterly for the next 12 months. After the first year, species shall be monitored on an annual basis for a period of three years, or until success criteria are met, whichever is shorter.

BIO-5 Prior to commencement of construction, all conditions of permit issuance shall be provided to the County to ensure compliance with applicable measures required by Army Corp of Engineers, California Department of Fish and Wildlife, and the Regional Water Quality Control Board. All areas of disturbance within Arroyo Grande Creek shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the County prior to construction. In addition, the following mitigation measures shall be implemented:

- a. Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the stream and ponded areas.
- b. If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
- c. Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
- d. Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel. No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
- e. Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
- f. No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).
- g. A mitigation plan shall be prepared by a qualified biologist and shall include success criteria, monitoring methods, a monitoring schedule, contingency planning, weed control/management provisions, irrigation methods and schedule, and annual reporting requirements. Created riparian and wetland habitat shall be monitored for a minimum of five years or as otherwise determined by the permitting agencies.
- h. A qualified biological monitor shall be present during the installation of the cofferdam, staging areas, and parking areas so as to minimize disturbances. The biologist shall be certified to handle steelhead trout and California red legged frogs. The biologist

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shall monitor ponded water at the cofferdam and relocate any wildlife that may become impounded.

Monitoring: The County of San Luis Obispo is responsible to ensure implementation of the above mitigation measures.

- BIO-6** The applicant shall comply with the Review of Oak Tree Evaluation and Protection Plan for APN 005-395-014 prepared Dave Ragan, ISA Certified Arborist, pursuant to Section 17.30.070 of the Pismo Beach Municipal Code in coordination with the City of Pismo Beach Planning Division. The Oak Tree Evaluation and Protection Plan requires mitigation for seven of the removed oak trees at a ratio of 4:1, thus 28 oak trees will be required to be planted on site. An annual monitoring plan is required to ensure survivability of the oaks until they are considered established by a certified arborist. The applicant shall provide verification to the City of Pismo and to the County that the plan has been implemented within 90 days of cessation of construction on the applicable segment. If the alternative alignment is implemented and impacts to oak trees are avoided, this measure would not apply.
- BIO-7** All conditions of permit issuance shall be provided to the City of Pismo and to the County to ensure compliance with the requirements of the Army Corps and Regional Water Quality Control Board as applicable. All areas of disturbance within the drainage area shall be fully restored and a restoration plan, consistent with the requirements of other permitting agencies, shall be submitted to the City of Pismo and to the County prior to construction. In addition, the following mitigation measures shall be implemented:
- a) Prior to any activity within the stream, the applicant shall identify the limits of the required access routes and encroachment into the drainage area.
 - b) If any general wildlife is encountered during the course of project-related activities, it shall be allowed to leave the construction area unharmed.
 - c) Clearing of vegetation for construction shall be limited to the minimal amount necessary to complete the Project.
 - d) Vegetation or material removed from the project site shall be disposed of at an appropriate and legal off-site location where the material cannot enter the stream channel.
 - e) No such material shall be stockpiled in the streambed, banks, or channel, except that native vegetation removed from the channel may be chipped and the chips used as mulch for disturbed soil sites in or near the Project area.
 - f) Any equipment or vehicles driven and/or operated adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be deleterious to aquatic and terrestrial life.
 - g) No work within the banks of the stream will be conducted during or immediately following significant rainfall events (one-half of 1-inch in any 24-hour period) or when there is water flowing within the channel (i.e., not being diverted).

Monitoring: The City of Pismo Beach is responsible to ensure implementation of the above mitigation measures or otherwise comparable measures.

Cultural Resources

- CR-1** Prior to issuance of construction permits, the applicant shall submit a Monitoring Plan, prepared by a County-approved archaeologist, for review and approval by the County Department of Planning and Building. The plan shall include the entirety of the pipeline 5.6 mile alignment. The intent of this Plan is to monitor all earth-disturbing activities in areas identified as potentially sensitive for cultural resources, per the approved Plan. The Monitoring Plan shall include at a minimum:
- a. List of personnel involved in the monitoring activities;
 - b. Inclusion of involvement of the Native American community, as appropriate;
 - c. Description of how the monitoring shall occur;
 - d. Description of frequency of monitoring (e.g., full-time, part time, spot checking);
 - e. Description of what resources are expected to be encountered;
 - f. Description of circumstances that would result in the halting of work at the project site (e.g., What is considered "significant" archaeological resources?);
 - g. Description of procedures for halting work on the site and notification procedures; and
 - h. Description of monitoring reporting procedures.
- CR-2** During construction, if any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representation and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act. In such an event, contact the San Luis Obispo County Building and Planning Department in San Luis Obispo, and appropriate city agencies if applicable. Such evaluations may include subsurface testing and laboratory analyses as needed.
- a. The monitoring plan shall also include provisions defining education of the construction crew and establishing protocol for treating unanticipated finds. In consultation with a County-approved archaeologist, the Applicant shall provide cultural resources awareness training to all field crews and field supervisors. This training will include a description of the types of resources that may be found in the project area, the protocols to be used in the event of an unanticipated discovery, the importance of cultural resources to the Native American community, and the laws protecting significant archaeological and historical sites. In addition, the Applicant shall provide all field supervisors with maps showing those areas sensitive for potential buried resources.
- CR-3** Prior to issuance of construction permits, the applicant shall perform an extended Phase I survey in the area where construction would occur within the 150-foot buffer of the known archeological site on the Freeport McMoran Oil Field. If during cultural resource monitoring of any construction excavation, any buried, displaced, intact or isolated prehistoric cultural materials are unearthed, work in that area should halt until they can be examined by a qualified archaeologist and Native American representative

and evaluated and appropriate recommendations made as outlined in California Environmental Quality Act.

Monitoring: The County of San Luis Obispo is responsible to ensure implementation of the above mitigation measures.

CR-4 Prior to issuance of construction permits, the applicant shall submit a copy of the monitoring plan prepared pursuant to the mitigation measure described above to the cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure the monitoring plan can be implemented within the respective jurisdiction. It is the responsibility of said cities to implement the monitoring plan.

Monitoring: The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible to ensure implementation of the above mitigation measures or otherwise comparable measures within their respective jurisdiction.

Geological Resources

GEO-1 Prior to commencement of construction within Segment 241+00, the applicant shall retain a certified geologic engineer to monitor excavation activities within the vicinity of where the fault is known to occur. If during excavation the fault is identified, the County and the City of Pismo Beach shall be notified. The geologic engineer shall provide a report and make recommendations for pipeline construction only if warranted by on-site conditions. The mitigation measures could include but are not limited to pipeline redesign, installation of additional gravel base to minimize ground movement, or alternative pipeline alignment if it is determined that compliance with Federal Regulation 49 CFR 195 and California Government Code Section 51010-51019 are not sufficient to mitigate impacts. The findings and results of the monitoring shall be provided to the City of Pismo Beach and the County.

Monitoring: The City of Pismo Beach is responsible to ensure implementation of the above mitigation measure or otherwise comparable measure.

Hazards and Hazardous Materials

HAZ-1 Prior to commencement of construction, written notification shall be provided to the responding chief officer and fire station within the County and Cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure an efficient emergency team response should the need arise. The notice shall also be provided to the County and Cities of Pismo Beach, Grover Beach and Arroyo Grande to ensure compliance. The notification shall include the following:

- a. Planned entry date/time and extent and duration of operation.
- b. A copy of Phillips 66 /CAL OSHA entry permits or checklist.
- c. Collapse risks and planned type of protection and rescue operations to be utilized and available.
- d. Command structure of on-site personnel.
- e. Emergency equipment available on site for soil removal, respiratory protection, lighting, monitoring, extrication and patient packaging equipment.

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f. Notification of completion of work.

HAZ-2 During construction, the following measures shall be implemented.

- a. No construction activities shall occur on high wind days if it would create an unacceptable fire risk.
- b. No smoking shall occur except in designated areas per Public Resources Code 4255.
- c. All applicable construction equipment shall have spark arresters. The spark arrester must present the space of exhaust or carbon or other flammable particles over 0.0232 of an inch, per Health and Safety Code 13003 and 13005.
- d. No motor, engine welding equipment, cutting equipment, or grinding devices shall be operated without first clearing away all flammable materials within 30-feet, and having immediate access to a shovel and water filled backpack pump or water tended/water truck for extinguishing any potential fire risk.

Monitoring: The County of San Luis Obispo is responsible for implementation of the above mitigation measures within its jurisdiction. The Cities of Pismo Beach, Grover Beach and Arroyo Grande are responsible for implementation of the above measures or otherwise comparable measures within their respective jurisdiction.

The applicant understands that any changes made to the project description subsequent to this environmental determination must be reviewed by the Environmental Coordinator and may require a new environmental determination for the project. By signing this agreement, the owner(s) agrees to and accepts the incorporation of the above measures into the proposed project description.



Signature of Owner(s)

9/19/2014

Date

TRAVIS WILKE

Name (Print)