THIS PROJECT IS	S SUBJECT TO THE FOLLOWING CONDITIONS OF APPROVAL:
Land Use Permit	: Approval
1	A Land Use Permit to allow the implementation of the Propane Recovery Project at the Phillips 66 Rodeo refinery is APPROVED based on the following documents received by the Department of Conservation and Development, Community Development Division (CDD):
	a) Application and materials received on June 22, 2012
	b) Draft Environmental Impact Report and appendices, dated June 2013
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- c) Final Environmental Impact Report and appendices, dated November 2013
- d) Mitigation Monitoring Reporting Program, dated November 2013

Application	Costs

This application is subject to an initial application deposit of \$2,700.00, which was paid with the application submittal, plus time and material costs if the application review expenses exceed 100% of the initial deposit. Any additional costs due must be paid within 60 days of the permit effective date or prior to use of the permit, whichever occurs first. The applicant may obtain current costs by contacting the project planner. If you owe additional fees, a bill will be sent to you shortly after permit issuance.

Notice of Determination Filing Fee

By November 20, 2013, Phillips 66 shall pay the California Department of Fish and Wildlife environmental review fee of \$2,995.25. Payment of this fee is mandated by Assembly Bill 3158, which became effective on January 1, 1991. Until the fee is paid, the project approval is not considered vested or final and no building permits can be issued. Also, if the fee is not paid on time, then the 30-day statutory time limit to file a legal challenge against the approval will be extended to 180 days.

Mitigation and Monitoring Fees

At least 60 days prior to commencement of construction-related activities, issuance of grading permits or issuance of building permits, whichever occurs first, Phillips 66 shall provide the County with an initial deposit of \$10,000.00 to cover costs of mitigation monitoring. Phillips 66 shall be responsible for providing adequate funding to cover all eventual costs of mitigation monitoring.

Indemnification

Prior to commencement of construction-related activities, issuance of grading permits or issuance of building permits, whichever occurs first, pursuant to Government Code Section 66474.9, Phillips 66 shall submit a letter indicating that it will defend, indemnify, and hold harmless the County and its agents, officers, and employees from any claim, action or proceeding against the Department (the County) or its agents, officers, or employees to attack, set aside, void or annul the Department's

approval concerning this land use permit application, which action is brought within the time period provided for in Government Code Section 66499.37. The County will promptly notify Phillips 66 of any such claim, action, or proceeding and cooperate fully in the defense.

required to ensure compliance with each phase of development

Condition of Approval Compliance Report

At least 45 days prior to commencement of construction-related activities, issuance of grading permits or issuance of building permits, whichever occurs first, Phillips 66 shall submit an application for Condition of Approval Compliance Review to the CDD. The fee for this application is an initial deposit of \$5,000 that is subject to time and materials costs. Should staff costs exceed the deposit, additional fees will be required. Submittals for this application shall include a checklist describing how each condition of approval will be satisfied and applicable proof that each condition has been satisfied (i.e. documentation, plans, photographs, etc.). This application will remain active throughout the life of the project and additional submittals will be

(grading, building), as described below.

Geotechnical Reports and Recommendations

At least 45 days prior to commencement of constructionrelated activities, issuance of grading permits or issuance of building permits, whichever occurs first, Phillips 66 shall submit a satisfactory geotechnical report prepared by a qualified individual or firm for the review of the County Planning Geologist and the review and approval of the CDD. At minimum, this report shall discuss liquefaction, slope stability, expansive soils, erosion, differential settlement, lateral spreading, subsidence and corrosive soils at each of the construction sites where earthwork will be performed and/or new storage units will be constructed. The design and specific include shall recommendations appropriate for addressing any adverse soil conditions. Grading and building plans shall be prepared in accordance with the recommendations of the geotechnical report. A non-refundable deposit of \$750.00 shall be submitted with the report.

At least 45 days prior to commencement of construction-related activities, issuance of grading permits or issuance of building permits, whichever occurs first, Phillips 66 shall submit satisfactory evidence for the review of the County Planning Geologist and the review and approval of the CDD, that the design of the project has been reviewed and that it conforms with the recommendations of the Planning Geologist, the project

geotechnical engineer or engineering geologist and the project structural engineer and meets the following requirements:

- i. All above-ground and underground utilities shall be designed to accommodate estimated settlement without failure, especially across transitions between fills and cuts. Seismic design consistent with current professional engineering and industry standards shall be employed in construction for resistance to strong ground shaking.
- ii. The California Building Code and California Accidental Release Prevention Program seismic requirements, or more stringent standards, shall be followed during design and construction of all components of the project.
- iii. Additional requirements recommended by the project California Certified Engineering Geologist or Geotechnical Engineer, based on site-specific studied and specific project requirements, shall be followed and shall be incorporated in the Project design specifications.
- At least 45 days prior to issuance of grading permits, Phillips 66 shall submit grading plans for review and approval of the Department of Conservation and Development, Community Development Division (CDD). The grading plans shall be accompanied by an erosion-control plan. At a minimum, the erosion-control plan shall include the following requirements:
 - i. Excavation and grading activities shall be conducted pursuant to all required grading permits issued by the Building Inspection Division.
 - ii. Temporary erosion control measures shall be provided until vegetation is reestablished or impervious surfaces (asphalt, concrete, etc.) are constructed.
 - iii. Best Management Practices selected and implemented for the project shall be in place and operational prior to commencement of major earthwork.

Contact Persons and Information

Prior to commencement of construction-related activities, issuance of grading permits or issuance of building permits, whichever occurs first, Phillips 66 shall post a publicly visible sign stating the names, titles, and phone numbers of individuals responsible for control of construction noise, dust, litter, and traffic. A 24-hour emergency number shall also be stated. The sign shall be kept up to date and shall be placed in a conspicuous location on refinery property along San Pablo Avenue.

Railcar Storage

Phillips 66 must continuously monitor the storage of railcars (primarily propane and butane railcars), and as needed contact the Union Pacific Railroad (UPRR) to request and encourage that UPRR utilize on-site areas for storage of railcars and to make space available on-site to the extent practicable for the storage of any propane and butane railcars.

MITIGATION MONITORING REPORTING PROGRAM (MMRP) CONDITIONS OF THE FINAL ENVIRONMENTAL IMPACT REPORT

MMRP for Project Impacts on Air Quality

- Air Quality Mitigation Measure 4.3-1: Phillips 66 and its construction contractors shall implement the following applicable Bay Area Air Quality Management District (BAAQMD) basic control measures.
 - a) Water all exposed surfaces of active construction areas at least twice daily (using reclaimed water if possible). Watering should be sufficient to prevent airborne dust from leaving the site.
 - b) Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).
 - c) All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day, or more if needed. The use of dry power sweeping is prohibited.
 - d) Limit vehicle speeds on unpaved roads to 15 miles per hour.
 - e) Pave all roadways, driveways, sidewalks, etc. as soon as feasible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
 - f) Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485, of the California Code of Regulations. Clear signage to this effect shall be provided for construction workers at all access points.
 - g) All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and

determined to be running in proper condition prior to operation.

h) Post a publicly visible sign with the telephone number and person to contact at the County regarding dust complaints. This person shall respond and require Phillips 66 to take corrective action within 48 hours. The telephone numbers of contacts at the BAAQMD shall also be visible.

13. ____

Air Quality Mitigation Measure 4.3-2: Phillips 66 shall permanently decommission the B-401 process heater in Unit 240 to offset significant NO_x emissions related to the proposed Propane Recovery Project. Prior to operations of the Project, Phillips 66 shall provide documentation to the Department of Conservation and Development, Community Development Division (CDD) that shows that Phillips 66 has not applied for additional NO_x or GHG emission reduction credits (ERCs) associated with the unit B-401 process heater shutdown.

MMRP for Project Impacts on Cultural Resources

14.

Cultural Resources Mitigation Measures 4.5-1 and 4.5-2: Pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15064.5(f), "provisions for historical or unique resources accidentally discovered archaeological construction" shall be instituted. In the event that any prehistoric or historic-period subsurface cultural resources are discovered during ground-disturbing activities, all work within 100 feet of the find shall be halted and Phillips 66 shall consult with the County and a qualified archaeologist (as approved by the County) to assess the significance of the find per CEQA Guidelines Section 15064.5. If any find is determined to be significant, representatives of the County and the qualified archaeologist would meet to determine the appropriate course of action.

Avoidance is always the preferred course of action for archaeological sites. In considering any suggestion proposed by the consulting archaeologist to reduce impacts to historical resources or unique archaeological resources, the County would determine whether avoidance is feasible in light of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is infeasible, other appropriate measures (e.g., data recovery, interpretation of finds in a public venue) would be instituted. Work may proceed on other parts of the Project site while mitigation for historical resources or unique archaeological resources is carried out.

All significant cultural materials recovered shall be, at the discretion of the consulting archaeologist, subject to scientific

analysis, professional museum curation, and documented according to current professional standards. In the event of an inadvertent discovery of a unique archeological resource, this mitigation measure shall be implemented.

15. ____

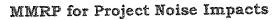
Cultural Resources Mitigation Measure 4.5-3: In the event of the inadvertent discovery of a unique paleontological resource, or site, or unique geological feature, Phillips 66 shall notify both the County and a qualified paleontologist (as approved by the County) of unanticipated discoveries. The qualified paleontologist, under contract to Phillips 66, shall subsequently document the discovery. In the event of an unanticipated discovery of a fossil or fossilized deposit during construction, excavations within 100 feet of the find shall be temporarily halted or diverted until a qualified paleontologist examines the discovery. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the paleontologist shall The find. the of implementation of these procedures once they have been determined.

16. ____

Cultural Resources Mitigation Measure 4.5-4: In the event that any prehistoric or historic subsurface human remains are discovered during ground disturbing activities, all work within 100 feet of the resources shall be halted and Phillips 66 shall consult with the County and a qualified archaeologist (as approved by the County) to assess the significance of the find per CEQA Guidelines Section 15064.5. If any find is determined to be significant, representatives of the County and the qualified archaeologist would meet to determine the appropriate avoidance measures or other appropriate mitigation. In considering any suggested mitigation proposed by the consulting archaeologist to mitigate impacts to historical resources or unique archaeological resources, the County would determine whether avoidance is feasible in light of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is infeasible, other appropriate measures (e.g., data recovery) would be instituted. Work may proceed on other parts of the project site while mitigation is carried out. All significant cultural materials recovered shall be, at the discretion of the consulting archaeologist, subject to scientific analysis, professional museum curation, and documented according to current professional standards. CEQA Guidelines Section 15064.5(e)(1), below, shall also be followed:

(e) In the event of the accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, the following steps should be taken:

- (1) There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until:
 - (A) The coroner of the county in which the remains are discovered must be contacted to determine that no investigation of the cause of death is required, and
 - (B) If the coroner determines the remains to be Native American:
 - 1. The coroner shall contact the Native American Heritage Commission within 24 hours;
 - 2. The Native American Heritage Commission shall identify the person or persons it believes to be the most likely descended from the deceased Native American;
 - 3. The most likely descendent may make recommendations to the landowner or the person responsible for the excavation work for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98, or
- (2) Where the following conditions occur, the landowner or his authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance:
 - (A) The Native American Heritage Commission is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 24 hours after being notified by the Commission;
 - (B) The identified descendant fails to make a recommendation; or
 - (C) The landowner or his authorized representative rejects the recommendation of the descendant, and the mediation by the Native American Heritage Commission fails to provide measures acceptable to the landowner.



- Noise Mitigation Measure 4.13-1a and 4.13-4: The applicant shall implement the following construction noise nuisance control measures for the duration of construction.
 - a) Ensure that construction equipment and trucks are well tuned and maintained according to the manufacturer's specifications, and that the equipment's standard noise reduction devices are in good working order;
 - b) Place construction equipment at locations to maximize the distance to the nearest residences; and
 - c) Notify nearby residents along Old County Road of the planned construction schedule at least one month prior to construction. Notification shall include the shift hours and include contact information of a designated construction noise coordinator who will maintain communication with affected residences throughout the construction period.
- Noise Mitigation Measure 4.13-1b and 4.13-4: The applicant shall coordinate with Contra Costa County to establish a daytime construction shift limited to between 7:00 a.m. and 5:30 p.m. as a Project-specific condition of approval.

MMRP for Project Impacts on Transportation/Traffic

Transportation/Traffic Mitigation Measure 4.17-2a: Thirty (30) days prior to construction-related activities or issuance of permits, Phillips 66 shall document road conditions for all routes that will be used by project-related vehicles. Phillips 66 shall also document road conditions after project construction is completed. The pre- and post-construction conditions of the haul routes shall be reviewed by Public Works Department staff. Phillips 66 shall enter into an agreement prior to construction that will detail the pre-construction conditions and the postconstruction requirements of a rehabilitation program. Roads damaged by construction would be repaired to a structural condition equal to that which existed prior to construction activity. A cash bond/deposit to finance damage to County roadways shall be required. An encroachment permit may be required from the County and a transportation/haul permit may be also required for any extra-legal loads used during construction. A pavement monitoring plan that describes measures that will be implemented to revitalize pavement along the proposed haul route deteriorated by project-related construction traffic shall also be included and be submitted for review by the Public Works Department prior to the commencement of any construction on-site.

Transportation/Traffic Mitigation Measure 4.17-2b: Thirty (30) days prior to construction-related activities or issuance of permits, access and hauling routes shall be specified to minimize traffic impact to the area wide roadways. Construction traffic should not deviate from this route, except in the event that the route is rendered impassable due to accidents or other unanticipated road closures. In such instances, Phillips 66 shall submit a traffic control plan to the Public Works Department

CONSTRUCTION MANGAGEMENT CONDITIONS

staff for review.

Litter Control and Recycling

Phillips 66 shall maintain project construction sites and surrounding areas in an orderly fashion. Litter and debris shall be contained in appropriate receptacles and shall be removed as necessary. Following cessation of construction activity, all construction materials and debris shall be removed. To the extent possible, demolition debris and construction waste shall be diverted from the waste stream. At least thirty (30) days prior to commencement of demolition or construction, Phillips 66 shall meet with the Conservation Programs staff to identify opportunities for the diversion of waste. These requirements shall be stated on the face of all construction drawings.

Construction Hours

22. ____ The following work hours are limited to work related to the Propane Recovery Project which takes place off the refinery:

All construction activities, including transport of equipment and materials, shall be limited to the hours of 7:00 a.m. to 5:30 p.m., Monday through Friday, and shall be prohibited on Saturday, Sunday and the following state and federal holidays:

New Year's Day (State and Federal)
Martin Luther King, Jr. Day (State and Federal)
Washington's Birthday/Presidents' Day (State and Federal)
Lincoln's Birthday (State)
Cesar Chavez Day (State)
Memorial Day (State and Federal)
Independence Day (State and Federal)
Labor Day (State and Federal)
Columbus Day (State and Federal)
Veterans Day (State and Federal)
Thanksgiving Day (State and Federal)
Day after Thanksgiving (State)
Christmas Day (State and Federal)

These restrictions shall be stated on the face of all construction drawings. The following websites provide details on the actual days that the state and federal holidays occur:

Federal Holidays: http://www.opm.gov/fedhol

California Holidays:

http://www.edd.ca.gov/payroll_taxes/State_Holidays.htm

Traffic Control Personnel Phillips 66 shall make a good-faith effort to avoid interference with existing neighborhood traffic flows. To achieve this, Phillips 66 shall provide traffic control personnel at all construction ingress and egress points along San Pablo Avenue. Construction Trailers Phillips 66 may locate construction trailers onsite. Such trailers may be located onsite for up to two months prior to the start of project construction and must be removed within two months after construction is complete. Community Outreach In order to help support the local economy, Phillips 66 shall 25. _____ encourage its employees and subcontractors to patronize local businesses and restaurants during breaks and mealtimes, and that they use personal vehicles during these break times and not construction equipment, such as dump trucks or other large construction vehicles, so as to minimize unnecessary road wear by heavy trucks on local roadways. Phillips 66 shall provide the Rodeo Municipal Advisory Council, Crocket Improvement Association and Crockett Community Foundation with quarterly newsletters informing the community of the project status and other relevant information. The first of these newsletters shall be sent no later than one month after issuance of grading or building permits, whichever is issued first. Phillips 66 shall advise nearby community organizations, such as 27. ____ the Bayo Vista Residence Council and the Crockett Improvement

PUBLIC WORKS RECOMMENDED CONDITIONS OF APPROVAL

during project construction.

Phillips 66 shall comply with the requirements of Title 8, Title 9 and Title 10 of the Ordinance Code. Any exception(s) must be stipulated in these Conditions of Approval. Conditions of Approval are based on the application

Association of any employment opportunities that may develop

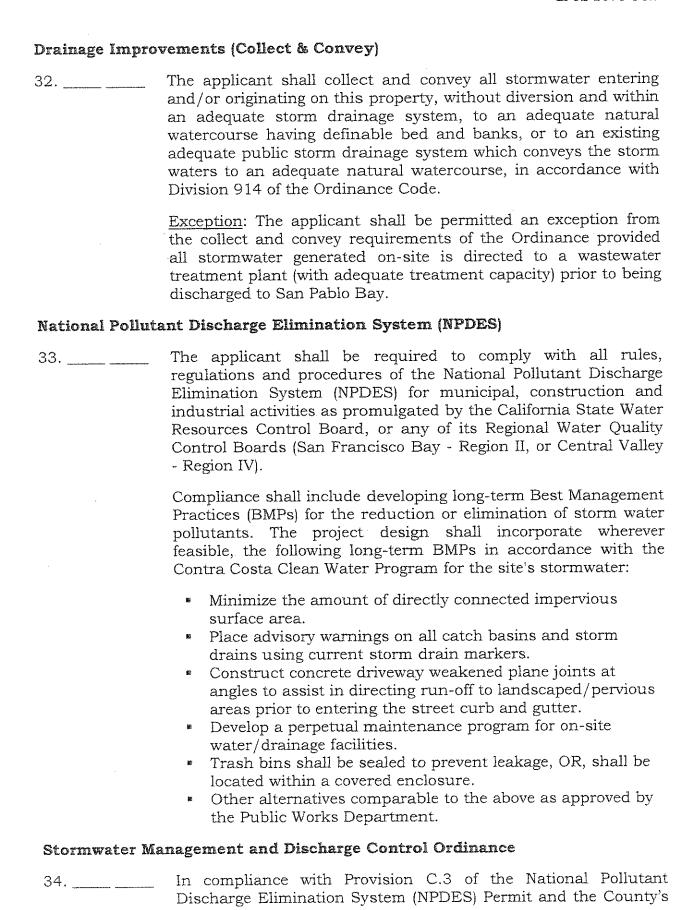
submitted to Department of Conservation and Development, Community Development Division, on June 22, 2012.

COMPLY WITH THE FOLLOWING CONDITIONS OF APPROVAL PRIOR TO ISSUANCE OF A BUILDING PERMIT AND PRIOR TO INITIATION OF THE USE PROPOSED UNDER THIS PERMIT.

General Requierments Improvement plans prepared by a registered civil engineer shall be submitted, if necessary, to the Public Works Department, Engineering Services Division, along with review and inspection fees, and security for all improvements required by the Ordinance Code for the conditions of approval of this subdivision. Any necessary traffic signing and striping shall be included in the improvement plans for review by the Transportation Engineering Division of the Public Works Department. Construction Traffic The applicant shall gain access to the project site from Interstate 80 to Cummings Skyway and San Pablo Avenue for the construction operation. In the event that this route is rendered impassible due to unanticipated road closures, the applicant shall submit an alternative construction operation route to be reviewed and approved by the Public Works Department prior to use of this alternative route. (See Mitigation Measure 4.17-2b). The applicant shall provide a pavement analysis for those roads 30. ____ along the proposed haul route or any alternate route(s) that are proposed to be utilized by the construction operation. This study shall analyze the existing pavement conditions and determine what impact the construction operation will have over the life of the project. The study shall provide recommendations to mitigate identified impacts. The applicant shall be responsible for the cost of constructing the recommended repairs. Prior to issuance of grading, building, or encroachment permits, the applicant shall execute a bonded road improvement agreement to assure the roadway repairs. (See Mitigation Measure 4.17-2a). Access to Adjoining Property (Encroachment Permit) Applicant shall obtain an encroachment permit from the County's Application and Permit Center for the construction of

public road rights-of-way.

any improvements within the public road rights-of-way of San Pablo Avenue and Cummings Skyway, and/or any impacted



Stormwater Management and Discharge Control Ordinances (§1014), it has been determined that this project does not require submittal of a Stormwater Control Plan (SWCP); all stormwater generated on-site is directed to a wastewater treatment plant prior to discharging to San Pablo Bay (a controlled point source). The proposed project would not be subject to Provision C.3 of the stormwater permit since the refinery stormwater runoff is discharged to its water treatment plant and regulated under the existing NPDES permit.

Area of Benefit Fees

The applicant will be required to comply with the requirements of the Bridge/Thoroughfare Fee Ordinance for the Hercules/Rodeo/Crockett and the West Contra Costa Transportation Advisory Committee (WCCTAC) bridges/roads, and WCCTAC transit Areas of Benefit, as adopted by the Board of Supervisors.

ADVISORY NOTES

ADVISORY NOTES ARE NOT CONDITIONS OF APPROVAL; THEY ARE PROVIDED TO ALERT THE APPLICANT TO ADDITIONAL ORDINANCES, STATUTES, AND LEGAL REQUIREMENTS OF THE COUNTY AND OTHER PUBLIC AGENCIES THAT MAY BE APPLICABLE TO THIS PROJECT.

A. NOTICE OF OPPORTUNITY TO PROTEST FEES, ASSESSMENTS, DEDICATIONS, RESERVATIONS OR OTHER EXACTIONS PERTAINING TO THE APPROVAL OF THIS PERMIT.

Pursuant to California Government Code Section 66000, et seq., the applicant has the opportunity to protest fees, dedications, reservations or exactions required as part of this project approval. To be valid, a protest must be in writing pursuant to Government Code Section 66020 and must be delivered to the Community Development Division within a 90-day period that begins on the date that this project is approved. If the 90th day falls on a day that the Community Development Division is closed, then the protest must be submitted by the end of the next business day.

- B. Additional requirements may be imposed by the Building Inspection Division. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- C. Additional requirements may be imposed by the Public Works Department. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.

- D. Additional requirements may be imposed by the Health Services Department, Hazardous Materials Programs. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- E. Additional requirements may be imposed by the Bay Area Air Quality Management District. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- F. Additional requirements may be imposed by the Regional Water Quality Control Board. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- G. Additional requirements may be imposed by the Rodeo-Hercules Fire Protection District. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- H. Additional requirements may be imposed by the California Department of Fish and Wildlife. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- I. Additional requirements may be imposed by the California Department of Transportation. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- J. Additional requirements may be imposed by the East Bay Municipal Utility District. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- K. Additional requirements may be imposed by the Pacific Gas and Electric Company. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.
- L. Additional requirements may be imposed by the San Francisco Bay Conservation and Development Commission. The Applicant is strongly encouraged to review this agency's requirements prior to continuing with the project.