

## **Appendix H**

# **MITIGATION MEASURES FROM LINE 96 MODIFICATION PROJECT ENVIRONMENTAL IMPACT REPORT**

## **Mitigation Measures from the Approved Line 96 Modification Project Environmental Impact Report Related to Operation of the Pipeline to Las Flores Canyon**

**CR-1a. Archeological Monitoring:** All ground disturbances associated with construction of the proposed Project at the EOF that extend into soils shall be monitored by a qualified archaeologist and a local Native American representative as per the Goleta General Plan OS 8.6 and OS 8.7. If cultural resources of potential importance are uncovered during construction, the grading shall cease and the City shall be notified within 24 hours. A qualified archaeologist shall prepare a report assessing the significance of the find and provide recommendations regarding appropriate disposition. Disposition will be determined by the City in conjunction with the affected Native American nation.

**CR-1b. Pre-construction Workshop:** A pre-construction workshop shall be conducted by a qualified archaeologist and a Native American representative from the affected Native American Nation. All construction personnel who would work, during any phase of ground disturbance, shall be required to attend the workshop. To ensure participation in the workshop, attendance records will be monitored for all personnel who attend the workshop. Additionally, upon completion of the workshop, hardhat stickers will be issued to denote the completion of workshop training. The workshop shall:

1. Review the types of archaeological artifacts that may be uncovered;
2. Provide examples of common archaeological artifacts to examine;

**GEO-4c. Seismic Inspection.** The operator shall cease pipeline operations and inspect all project related pipelines and storage tanks following any seismic event in the County that exceeds a ground acceleration of 13 percent of gravity (0.13 g). The operator shall report the findings of such inspection to the City of Goleta and the County. The operator shall not reinstate operations of the pipeline within the City of Goleta until authorized by the City of Goleta. The operator shall not reinstate operations of the pipelines and associated operations within the unincorporated areas of the County until authorized by the County.

**HM-3. Automated Block Valves and an Additional Check Valve on the Proposed Pipeline.** The Applicant shall ensure that all block valves on the pipeline are remotely actuated from a central location, including the block valves at the EOF and PPLP tie-in, and that remotely actuated valves and check valves are located around Tecolote Creek, Eagle Canyon, Dos Pueblos Canyon, Llagas Canyon and Corral Canyon, and that a check valve is located immediately west of Bell Creek.

**BIO-4a. Update the OSCP to Protect Sensitive Resources.** The OSCP shall be revised and updated for the City and a new plan prepared for the County to address protection of sensitive biological resources and revegetation of any areas disturbed during an oil spill from the proposed pipeline or cleanup activities. The revised EAP and OSCP shall, at a minimum, include:

1. Specific measures to avoid impacts on Federal and State-listed endangered and threatened species and any Federal, State, or City designated environmentally sensitive habitat areas (ESHAs) during response and cleanup operations. Where feasible, low-impact, site-specific techniques such as hand-cutting contaminated vegetation and using

low-pressure water flushing from vessels to remove spilled material from particularly sensitive wildlife habitats, such as coastal estuaries, i.e., Devereux Slough, because procedures such as shoveling, bulldozing, raking, and drag-lining can cause more damage to a sensitive habitat than the oil spill itself. The OSCP shall also evaluate the non-cleanup option for ecologically vulnerable habitats such as coastal estuaries.

2. Specific measures requiring spill response personnel to be adequately trained for response in terrestrial environments and spill containment and recovery equipment to be maintained in full readiness. Inspection of equipment and periodic drills shall be conducted at least annually and the results evaluated so that spill response personnel are familiar with the equipment and with the project area including sensitive biological resources.

3. When habitat disturbance cannot be avoided, stipulations for development and implementation of site-specific habitat restoration plans and other site-specific and species-specific measures appropriate for mitigating impacts on local populations of sensitive wildlife species and to restore native plant and animal communities to pre-spill conditions. Access and egress points, staging areas, and material stockpile areas that avoid sensitive habitat areas shall be identified. The OSCP shall include species- and site-specific procedures for collection, transportation and treatment of oiled wildlife, particularly for sensitive species.

4. Similar to MM BIO-2b, procedures for timely reestablishment of vegetation that replicates the habitats disturbed (or, in the case of disturbed habitats dominated by non-native species, replaces them with suitable native species) including: measures preventing invasion and/or spread of invasive or undesired plant species; restoration of wildlife habitat; restoration of native communities and native plant species propagated from local genetic sources including any sensitive plant species (such as the southern tarplant); and replacement of trees at the appropriate rate in accordance with any agency's with jurisdiction, applicable requirements (i.e. the City's General Plan).

5. Monitoring procedures and minimum success criteria to be satisfied for restoration areas. The success criteria shall consider the level of disturbance and condition of the adjacent habitats. Monitoring shall continue for 3 to 5 years, depending on habitat, or until success criteria are met. Appropriate remedial measures, such as replanting, erosion control or control of invasive plant species, shall be identified and implemented if it is determined that success criteria are not being met.

**AG-2. Restoration after a Pipeline Leak/Spill.** All areas contaminated as a result of an oil leak or spill shall be restored to their prior state with equivalent soils and agricultural resources.