

APPENDIX B.8

LIST OF LESS THAN SIGNIFICANT IMPACTS

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Based on the Proponent's Environmental Assessment and the proposed architect design features identified for the Gill Ranch Storage Project, the following impacts are considered less than significant.

4.2 Aesthetics

- IMPACT AES-1: During construction, the Project would create temporary aesthetic impacts near scenic vistas.
- IMPACT AES-2: The Project would cause both temporary and long-term visual changes, but would not substantially degrade the existing visual character or quality in the Project area.
- IMPACT AES-3: The Project would add a potential source of light and glare in a rural agricultural setting.

4.3 Air Quality

- IMPACT AQ-1: Project construction and operations would not conflict with or obstruct implementation any applicable air quality plan.
- IMPACT AQ-2: Project construction and operations will not violate any air quality standard or contribute substantially to an existing air quality violation.
- IMPACT AQ-3: Project emissions will not result in a cumulatively considerable net increase of any criteria pollutant for which the air basin is in non-attainments.
- IMPACT AQ-4: Project emissions will not expose sensitive receptors to substantial pollutant concentrations.
- IMPACT AQ-5: Project emissions will not create objectionable odors.

4.4 Biological Resources

- IMPACT BIO-1: Potential Impacts to Special-Status Plant Species, Aquatic Species, and Ground Dwelling/Burrowing Wildlife Species Resulting from Construction Related Soil Erosion and/or Sedimentation.
- IMPACT BIO-3: Potential Impacts to Aquatic and Riparian Species from Frac-out During Horizontal Drilling Activities.
- IMPACT BIO-6: Temporary Impacts on Wildlife Foraging Habitat.
- IMPACT BIO-15: Potential Effects on Riparian Habitat.
- IMPACT BIO-18: Potential for Avian Mortality Due to Power Line Electrocutation and Collision.
- Impact BIO-20: Disturbance from Light and Noise During HDD and Conventional Boring Activities.

4.6 Geology, Soils, and Paleontology

- IMPACT GS-1: Minimal risks from fault rupture will occur.
- IMPACT GS-2: Groundshaking from earthquakes could damage Project facilities.
- IMPACT GS-3: Construction could cause erosion and loss of topsoil.

- IMPACT GS-4: Bank failures could occur along the San Joaquin River.
- IMPACT GS-5: Pipeline Deformation/Damage Could Result from Land Subsidence.
- IMPACT GS-6: Some Project components will be constructed on soils that have moderate to high shrink-swell potential, potentially causing structural damage.
- IMPACT GS-7: The Project will be located on soils susceptible to hydrocompaction.
- IMPACT GS-9: Pipeline or structural damage/failure could result from construction in corrosive soils.
- IMPACT GS-10: The Project will have a low potential for impacts on unique paleontological resources or geologic features.

4.7 Hazards and Hazardous Materials

- IMPACT HAZ-1: The Project would involve the routine storage and transport of natural gas, a hazardous material.
- IMPACT HAZ-2: Accidental releases of natural gas from surface facilities could result in explosion or fire.
- IMPACT HAZ-3: A release of natural gas from the subsurface project components due to land subsidence or gas migration in the gas reservoir could result in a hazardous condition.
- IMPACT HAZ-4: A rupture of the natural gas pipeline could ignite and cause an explosion and new power lines could cause fire or other hazardous conditions.
- IMPACT HAZ-5: Hazardous materials used during construction and operation of the project could spill or otherwise get into the environment and cause an adverse impact.
- IMPACT HAZ-6: Excavation activities during pipeline construction could damage other high pressure pipelines in close proximity to the work being performed and cause an accident or explosion or otherwise impact the integrity of the existing pipeline.
- IMPACT HAZ-7: Contaminated soil or water from past spills or releases could be exposed during excavation activities during Project construction and be released into the environment and cause further impacts.
- IMPACT HAZ-8: A wildland fire could result from either the construction or operation of the Project.

4.8 Hydrology and Water Quality

- IMPACT HWQ-1: Discharge of construction dewatering effluent to groundwater or surface water bodies could degrade water quality.
- IMPACT HWQ-2: Discharge of hydrostatic testing water from a municipal source could degrade water quality or be toxic to aquatic life.
- IMPACT HWQ-3: Operational water demands or impervious surfaces could deplete groundwater supplies impervious surfaces could interfere with groundwater recharge.
- IMPACT HWQ-4: Construction Dewatering could cause the temporary disruption of groundwater flow.
- IMPACT HWQ-5: Stormwater runoff from construction activities could increase risk of erosion and sediment transport and degrade surface water quality in local waterways.
- IMPACT HWQ-6: Increased impervious surfaces could increase runoff, causing erosion and sedimentation.

- IMPACT HWQ-7: Runoff from the new facilities could enter area drainage systems, causing erosion, sedimentation or pollutant loading.
- IMPACT HWQ-8: The use of HDD methods during pipeline construction could result in hydraulic fracturing of subsurface materials and adverse leakage of drilling mud into surface or subsurface waters.
- IMPACT HWQ-9: Proposed facilities may be partially located within a 100-year flood hazard zone.

4.9 Land Use, Planning and Agriculture

- IMPACT LUP-1: The Project will be in substantial conformance with the general plans and zoning designations of Madera and Fresno Counties.
- IMPACT LUP-2: Construction of the compressor station and well pads would convert approximately 20.0 acres of Prime or Unique Farmland or Farmland of Statewide Importance to non-agricultural use.
- IMPACT LUP-3: The Project would convert approximately 20 acres of land that are under Williamson Act contracts to non-agricultural use.
- IMPACT LUP-4: A segment of the proposed pipeline would traverse an area that is addressed in an adopted habitat conservation plan or recovery plan for endangered species.

4.10 Mineral Resources

- IMPACT MIN-1: Project construction will occur in areas of known mineral resources, but it will not preclude access to those resources.

4.11 Noise

- IMPACT NOI-1: Construction will generate noise but will comply with Fresno and Madera county standards.
- IMPACT NOI-2: Operations will generate noise, but facilities will be designed to comply with local standards.
- IMPACT NOI-3: Construction activities will cause minimal vibration at sensitive receptors.
- IMPACT NOI-4: The Project will cause a permanent increase in noise, but the impact will not be substantial due to appropriate design.
- IMPACT NOI-5: The Project will cause a temporary increase in noise during construction that is not substantial.

4.12 Population and Housing

- IMPACT PH-1: The Project will require temporary construction workers and new permanent employees, but it will not induce substantial population growth, either directly or indirectly.

4.13 Public Services / Utilities and Service Systems / Recreation

- IMPACT PS-1: The Project will result in a minimal increased demand for fire and police services.
- IMPACT PS-2: The Project will use water from existing entitlements and/or local resources and will not require new or expanded entitlements.
- IMPACT PS-3: The Project will generate minimal amounts of wastewater during operations.
- IMPACT PS-4: The Project will generate solid waste requiring disposal in area landfills.
- IMPACT PS-5: The Project will comply with all applicable regulations regarding solid waste disposal.
- IMPACT PS-6: Minor, temporary increases in the use of local recreational facilities could occur during construction.

4.14 Transportation and Traffic

- IMPACT TRANS-1: The Project will add traffic to local roadways, primarily during construction.
- IMPACT TRANS-2: The Project will add traffic to local roadways, primarily during construction, but will not cause an LOS standard to be exceeded.
- IMPACT TRANS-3: Project construction may require temporary lane closures or other hazardous traffic conditions.
- IMPACT TRANS-4: Pipeline construction may require temporary lane closures and restrict access to adjacent properties