

Attachment 1: Project Description

Project Title: Proposed Amended Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

Project Location: The proposed project is located in the South Coast Air Quality Management District (South Coast AQMD) jurisdiction, which includes the four-county South Coast Air Basin (all of Orange County and the non-desert portions of Los Angeles, Riverside and San Bernardino counties), and the Riverside County portion of the Salton Sea Air Basin and the non-Palo Verde, Riverside County portion of the Mojave Desert Air Basin.

Description of Nature, Purpose, and Beneficiaries of Project: Proposed Amended Rule (PAR) 1178 establishes more stringent leak detection and repair and control requirements for storage tanks located at petroleum facilities that have emitted more than 20 tons of volatile organic compounds (VOC) in any reporting year since the rule's adoption in 2001. PAR 1178 establishes requirements for: 1) conducting inspections, including but not limited weekly optical gas inspections; 2) installing domes and secondary seals; 3) increasing the efficiency of emission control systems; and 4) conducting monitoring, maintenance, recordkeeping, and reporting activities. PAR 1178 applies to storage tanks located at 27 facilities including refineries, bulk storage, loading, and oil production facilities. PAR 1178 is estimated to reduce VOC emissions by 0.82 ton per day. Of the proposed changes in PAR 1178, only the installation of domes on external floating roof tanks and additional roof seals on internal floating roof tanks is expected to require physical modifications that could create secondary adverse environmental impacts. However, the Draft EA did not identify any environmental topic areas that would be significantly adversely affected by PAR 1178. Facilities with storage tanks subject to PAR 1178 may be identified on lists compiled by the California Department of Toxic Substances Control per Government Code Section 65962.5; however, the implementation of PAR 1178 will not alter the status of the facilities on the lists.