

## **Guidance to Conduct Detailed Analysis for Assessing Odor Impacts to Sensitive Receptors**

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The San Joaquin Valley Air Pollution Control District's (District) Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) identifies Table 6 – *Screening Levels for Potential Sources* as a screening tool for qualitatively assessing odor impacts from a proposed project's potential to adversely affect area receptors. Furthermore, Table 6 identifies the common types of facilities that have been known to produce odors in the San Joaquin Valley along with a reasonable distance from the source within which, the degree of odors could possibly be significant. As such, for any proposed project that is a potential odor source and for which would result in sensitive receptors being located closer to the proposed project than the identified distance, the GAMAQI recommends a detailed analysis be prepared as described below.

A detailed analysis would consist of one of the following:

1. The lead agency is to contact the District's Compliance Department and request information on odor compliance logged for the facility (if existing), for the previous three (3) years. Odor complaints will be mapped in relation to the odor source to establish a boundary of potential impacts. Odor impacts would be defined as significant when there is:
  - More than one (1) "confirmed" complaint per year averaged over a three (3) year period. The "confirmed" complaint will be determined by District staff per the Compliance Database; or
  - Three (3) "unconfirmed" complaints per year averaged over a three (3) year period. The "unconfirmed" complaints will be determined by District staff per the Compliance Database.
2. If the facility is not identified in the District's Compliance Database nor does it currently exist, the odor analysis will be based on review of odor complaints for "similar facilities." In assessing potential odor impacts, consideration will be given to local meteorological conditions, particularly the intensity and direction of prevailing winds.