

# Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) 2012

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# What is the GAMAQI?

- An advisory document
- Intended for use by other agencies and consultants
- Provides uniform procedures for addressing air quality in environmental documents
- First adopted 1998
- Last revised 2002



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# GAMAQI Table of Contents

- Introduction
- San Joaquin Valley air basin
- Air pollutants and attainment status
- Greenhouse gases
- Air pollutant emission sources
- Land use and air quality
- CEQA
- Assessing air quality impacts



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# Overview of Revisions

- Revisions to GAMAQI are primarily administrative in nature
- Codifies long standing District practices
- District Board approval of the GAMAQI would not have an adverse environmental impact
- District staff plans to file a Notice of Exemption for CEQA purposes



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# Key Updates

- Air Basin Information
- Attainment Status
- Greenhouse gases
- Thresholds of Significance
- Construction Impacts
- Operation Impacts
- Land Use Guidance
- Mitigation Measures
- Ambient Air Quality Analysis
- Technical Guidance



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# Key Updates (Cont'd)

- Air basin information and attainment status reflect current conditions
- Greenhouse gases reflect District policy and guidance documents



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# Key Updates (Cont'd)

## Land Use Guidance

Land use guidance expanded to include:

- AB-170
- District Rule 9510 (Indirect Source Review)
- Potential land use conflicts



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# Key Updates (Cont'd)

## Mitigation Measures

Mitigation expanded to discuss additional measures

- Mobile sources (Clean fleet)
- Voluntary Emission Reduction Agreements (VERA)
- Regulation II (Permits)
- Regulation VIII (Fugitive PM<sub>10</sub> Prohibition)
- Rule 9510 (Indirect Source Review)
- Rule 9410 (Employer Based Trip Reduction)



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# Key Updates (Cont'd)

## Thresholds of Significance

For criteria pollutants thresholds of significance consistent with existing practices

Criteria Pollutant	Threshold (tons/year)
ROG	10
NO <sub>x</sub>	10
PM <sub>10</sub>	15
PM <sub>2.5</sub>	15

For greenhouse gases, thresholds of significance consistent with already adopted District Policy



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# Key Updates (Cont'd)

## Construction Impacts

- Compliance with Regulation VIII does not mean impacts from fugitive dust will be less than significant
- When determining significance of construction impacts, fugitive PM and exhaust PM emissions are combined
- Construction impacts would be significant if emissions would exceed any applicable threshold of significance



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# Key Updates (Cont'd)

## Operation Impacts

- Permitted sources and activities and permit exempt equipment will have a less than significant impact
- Analysis should focus on non-permitted equipment and activities, including on-site and off-site mobile sources
- Operation impacts would be significant if the sum of emissions from non-permitted equipment and activities plus mobile sources would exceed any applicable threshold of significance



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# Key Updates (Cont'd)

## Ambient air quality analysis recommended when:

- Emissions of any criteria pollutant would equal or exceed any applicable Threshold of Significance for criteria pollutants; or
- Emissions of any criteria pollutant would equal or exceed 100 pounds per day



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# Key Updates

## Technical guidance to be published on District website

- Ambient air quality modeling
- Health risk assessment
- District approved changes to CalEEMod defaults
- Small Project Analysis Levels (SPAL) values



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# Summary

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# Contact Information

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