



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

Draft Amendments Rule 4308

(District Project # 20090566)

**Initial Study and
Negative Declaration**

October 2009

**SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT
GOVERNING BOARD 2009**

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AIR POLLUTION CONTROL OFFICER

SEYED SADREDIN



A. PROJECT BACKGROUND INFORMATION

1. Project Title:

Proposed Draft Amendments to Rule 4308 (Boilers, Water Heaters and Steam Generators 0.075 – less than 2.0 MMBtu/hr)

2. Lead Agency Name and Address:

San Joaquin Valley Unified Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno CA 93726-0244

3. Contact Person:

CEQA: Mark Montelongo
(559) 230-6000

Planning: Katy Linebach
(559) 230-5846

4. Project Location:

Rule 4308's project location is any person/business who supplies, sells, offers for sale, installs, or solicits the installation of a boiler, process heater, steam generator, or water heater greater than or equal to 0.075 MMBtu/hr but small than 2.0 MMBtu/hr within the boundaries of the San Joaquin Valley Unified Air Pollution Control District (See Exhibit 1, Map of District Boundaries).

5. Project Sponsor's Name and Address:

San Joaquin Valley Unified Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno CA 93726-0244

6. Assessor's Parcel Number:

Not applicable to this project.

7. General Plan Designation/Zoning:

Not applicable to this project.



Exhibit 1
San Joaquin Valley Unified Air Pollution Control District Boundaries





8. Project Description:

The CEQA Analysis is based on 2009 draft amendments to Rule 4308. Rule 4308 would control emissions of oxides of nitrogen (NO_x) and carbon monoxide (CO) from boilers, steam generators, and process heaters with a rated heat input of 0.075 MMBtu/hr up to 2.0 MMBtu/hr. Rule 4308 is one of several control measures identified in the District's 2007 Ozone Plan and PM_{2.5} Plan that the District has committed to adopt by 4th quarter 2009. The amendments to Rule 4308 are intended to satisfy federal Clean Air Act (FCAA) requirement for nonattainment areas such as the District to implement Best Available Control Measure (BACM) and Reasonably Available Control Measure (RACM). In addition to FCAA, state Clean Air Act requires nonattainment areas to implement Best Available Retrofit Control Technology (BARCT) and All Feasible Control Measures. District staff has determined that BACM, RACM, BARCT and AFCM for small boilers, steam generators, and process heaters is 20 parts per million by volume (ppmv) of NO_x and 400 ppmv of CO. To meet these emission limits, existing units would need to be either retrofitted with a NO_x control technology or replaced with a new unit that complies with the requirements of the rule. The likely NO_x retrofit control technology to meet the limits is an ultra-low NO_x burner system. New replacement units that meet the 20 ppmv of NO_x limit are currently available, according to control vendors and manufacturers.

9. Other Agencies Whose Approvals Are Required and Permits Needed:

This project is a rule development project and does not require permits from any agency. The United States Environmental Protection Agency must approve the rule in order for it to be included in the California's State Implementation Plan.

10. Name of Person Who Prepared Initial Study:

Mark Montelongo
Air Quality Specialist

B. FINDINGS

District staff has prepared a Final Draft Staff Report for the proposed amendments to the rule, incorporated herein by reference, which demonstrates that the proposed amendments to the rule would not have an adverse impact on air quality. Pursuant to CEQA Guidelines §15063(a), District staff prepared an Initial Study for the proposed project. The District finds that there is no substantial evidence, in light of the whole record before the District, that the project may have a significant effect on the environment. District staff has prepared a Draft Negative Declaration for the project. Upon approval of the proposed rule by the District's Governing Board, District staff will file a Notice of Determination with each County Clerk within the boundaries of the District, CEQA Guidelines §15075(d).



C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

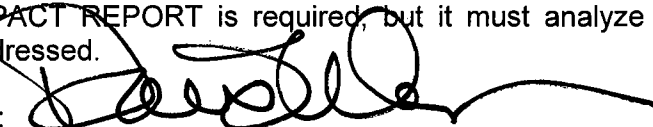
The environmental factors checked below would be potentially affected by the proposed project, involving at least one impact that is a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated", as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality |
| <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population/Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation/Traffic | <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Mandatory Findings of Significance |

D. DETERMINATION

I certify that this project was independently reviewed and analyzed and that this document reflects the independent judgment of the District.

- I find that the proposed project is exempt from CEQA requirements under Public Resource Code 15061 (b)(3), and a Notice of Exemption has been prepared.
- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

Signature:  _____ Date: _____

Printed name: David Warner
 Title: Director of Permit Services



E. ENVIRONMENTAL IMPACT CHECKLIST

I. AESTHETICS Would the proposal:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Affect a scenic vista or scenic highway?				X
b) Have a demonstrable negative aesthetic effect?				X
c) Create light or glare?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements that would affect aesthetics, as identified above (a-c).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
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II. AGRICULTURE RESOURCES In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting agricultural resources, as identified above (a-c).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
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III. AIR QUALITY Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?				X



III. AIR QUALITY (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				X
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				X
d) Expose sensitive receptors to substantial pollutant concentrations?				X
e) Create objectionable odors affecting a substantial number of people?				X
<p>Discussion: The San Joaquin Valley Air Basin is classified as serious for 8-hour ozone nonattainment area and is expected to be classified extreme for particulate matter 2.5 microns in size (PM2.5) nonattainment area for the health-based air quality standards established by the federal Clean Air Act. The serious ozone classification and extreme PM classification are the worst possible categories.</p> <p>The purpose of District Rule 4308 (Boilers, Water Heaters and Steam Generators 0.075 – less than 2.0 MMBtu/hr) is to limit emissions of oxides of nitrogen (NOx) from boilers, steam generators, process heaters and water heaters. The rule applies to any person who supplies, sells, offers for sale, installs, or solicits the installation of any new small boiler, steam generator, process heater or water heater with a rated heat input capacity greater than or equal to 75,000 British thermal units per hour and up to but not including 2,000,000 British thermal units per hour.</p> <p>This rule development project would amend Rule 4308 to implement control measure (S-COM-3) in the District's 2008 PM2.5 Plan. The control measure indicates that NOx emission reductions could be achieved by lowering the NOx emission limit on boilers subject to Rule 4308. Additionally, implementing the proposed amendments would reduce emissions of SOx, and PM from the affected source category.</p> <p>The District has prepared a Final Draft Staff Report, incorporated herein by reference, evaluating potential impacts the proposed amendments would have on air quality. As presented in the Final Draft Staff Report, District staff estimates that the proposed rule amendments would reduce NOx emissions by 2.77 tons per day. Thus, the District concludes that the proposed amendments would have a positive impact on air quality in the San Joaquin Valley.</p>				
<p>Mitigation: None</p>				
<p>Reference: Proposed Rule 4308 and supporting staff report.</p>				



IV. BIOLOGICAL RESOURCES Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting biological resources, as identified above (a-f).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				



V. CULTURAL RESOURCES Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?				X
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X
d) Disturb any human remains, including those interred outside of formal cemeteries?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting cultural resources, as identified above (a-d).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
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VI. GEOLOGY/SOILS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				X



VI. GEOLOGY/SOILS (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting geology/soils, as identified above (a-e).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
VII. GREENHOUSE GAS EMISSIONS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?			X	
Discussion: Global Climate Change (GCC), which is now generally accepted by the scientific community to be caused by Greenhouse Gases (GHGs), is a widely discussed scientific, economic, and political issue in the United States. Briefly stated, GCC is the cumulative change in the average weather of the earth that may be measured by changes in temperature, precipitation, storms, and wind. GHGs are gases that trap heat in the atmosphere. The scientific and policy communities in the State of California have collectively concluded that a significant and growing scientific body of evidence supports the need for regulating GHG emissions. Worldwide, California is estimated to be the 15 th largest emitter of carbon dioxide (CARB 2008), and this fact has added to the impetus behind California's leadership in this area.				
California is exercising climate change leadership in two significant efforts: one, the passage and implementation of Assembly Bill 32 (AB32), "California Global Warming Solutions Act of 2006", designed to significantly reduce existing GHG emissions in the State of California; and two, in the analysis of environmental impacts of new GHG emissions related to discretionary project approvals under the California Environmental Quality Act (CEQA). This latter effort has been particularly difficult to implement as no state or local agency has provided definitive guidance on how to address GHG emissions impacts under CEQA.				
Recognizing the dearth of regulatory guidance, the San Joaquin Valley Air Pollution Control District's Governing Board adopted the Climate Change Action Plan (CCAP) in August 2008. The CCAP directed the District's Air Pollution Control Officer to develop guidance documents to assist District staff, valley businesses, land-use agencies, and other permitting agencies in addressing GHG emissions as part of the CEQA process. As				



presented in the draft staff report: titled: *Climate Change Action Plan: Addressing Greenhouse Gas Emissions under the California Environmental Quality Act*, October, 2009, District Staff is proposing guidance and policy for assessing the environmental significance of project specific greenhouse gas emissions. Staff plans to bring the proposed guidance before the District's Governing Board during their November, 2009 Board Hearing. As presented below, District staff has evaluated this rule development project consistent with the draft guidance and finds that the project would not have a significant cumulative impact on global climatic change.

Potential Greenhouse Gas Emissions

The District has prepared a Final Draft Staff Report, incorporated herein by reference, evaluating potential impacts the proposed amendments would have on global climate change. As presented in the Final Draft Staff Report, implementing the proposed amendments could result in some loss of fuel efficiency (3-5%) for a small portion (25%) of boiler population affected by the rule. Reducing fuel efficiency results in increased fuel consumption and a corresponding increase in GHG emissions. However, the majority of boiler population (75%) identified by the District is expected to have an increase (7-10%) in fuel efficiency. Increasing fuel efficiency results in decreased fuel consumption and a corresponding decrease in GHG emissions.

Assuming 25% of the affected boilers would decrease fuel efficiency by the 5% maximum, fuel consumption would increase by 1.25%. Assuming 75% of the affected boilers would increase fuel efficiency by the 7% minimum, fuel consumption would decrease by 5.25%. Thus, the District conservatively estimates a 4% reduction in GHG emissions. District staff concludes that implementation of the proposed amendments would have a less than cumulatively significant impact on global climate change.

Mitigation: None

Reference: Proposed Rule 4308 and supporting staff report.

VIII. HAZARDS & HAZARDOUS MATERIALS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X



VIII. HAZARDS & HAZARDOUS MATERIALS (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting hazards and hazardous materials, as identified above (a-h).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				



IX. HYDROLOGY/WATER QUALITY Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?				X
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?				X
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?				X
e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?				X
f) Otherwise substantially degrade water quality?				X
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting hydrology/water quality, as identified above (a-i).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				



X. LAND USE/PLANNING Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting land use/planning as identified above (a-c).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XI. MINERAL RESOURCES Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting mineral resources, as identified above (a-b).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XII. NOISE Would the project result in:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				X



XII. NOISE (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting noise, as identified above (a-f).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XIII. POPULATION/HOUSING Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting population/housing, as identified above (a-c).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				



XIV. PUBLIC SERVICES Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				X
Fire protection?				X
Police protection?				X
Schools?				X
Parks?				X
Other public facilities?				X
b) Cumulatively exceed official regional or local population projections?				X
c) Induce substantial growth in an area either directly or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?				X
d) Displace existing housing, especially affordable housing?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting public services, as identified above (a-d).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				



XV. RECREATION	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting recreation, as identified above (a-b).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XVI. TRANSPORTATION/TRAFFIC Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?				X
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?				X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e) Result in inadequate emergency access?				X
f) Result in inadequate parking capacity?				X



XVI. TRANSPORTATION/TRAFFIC (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting transportation/traffic, as identified above (a-g).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XVII. UTILITIES/SERVICE SYSTEMS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				X
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X



XVII. UTILITIES/SERVICE SYSTEMS (Continued)	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
g) Comply with federal, state, and local statutes and regulations related to solid waste?				X
Discussion: The proposed project is a rule development project. The project does not impose requirements affecting utilities/service systems, as identified above (a-g).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively Considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?				X
Discussion: The proposed project is a rule development project. This project does not impose requirements that would have adverse environmental impacts as identified above (a-c).				
Mitigation: None				
Reference: Proposed Rule 4308 and supporting staff report.				