



SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

INITIAL STUDY/ENVIRONMENTAL CHECKLIST

A. PROJECT BACKGROUND INFORMATION

1. Project Title:

Amendments to 2004 Extreme Ozone Attainment Demonstration Plan

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:

Mr. Hector R. Guerra
Senior Air Quality Planner
(559) 230-5800

4. Project Location:

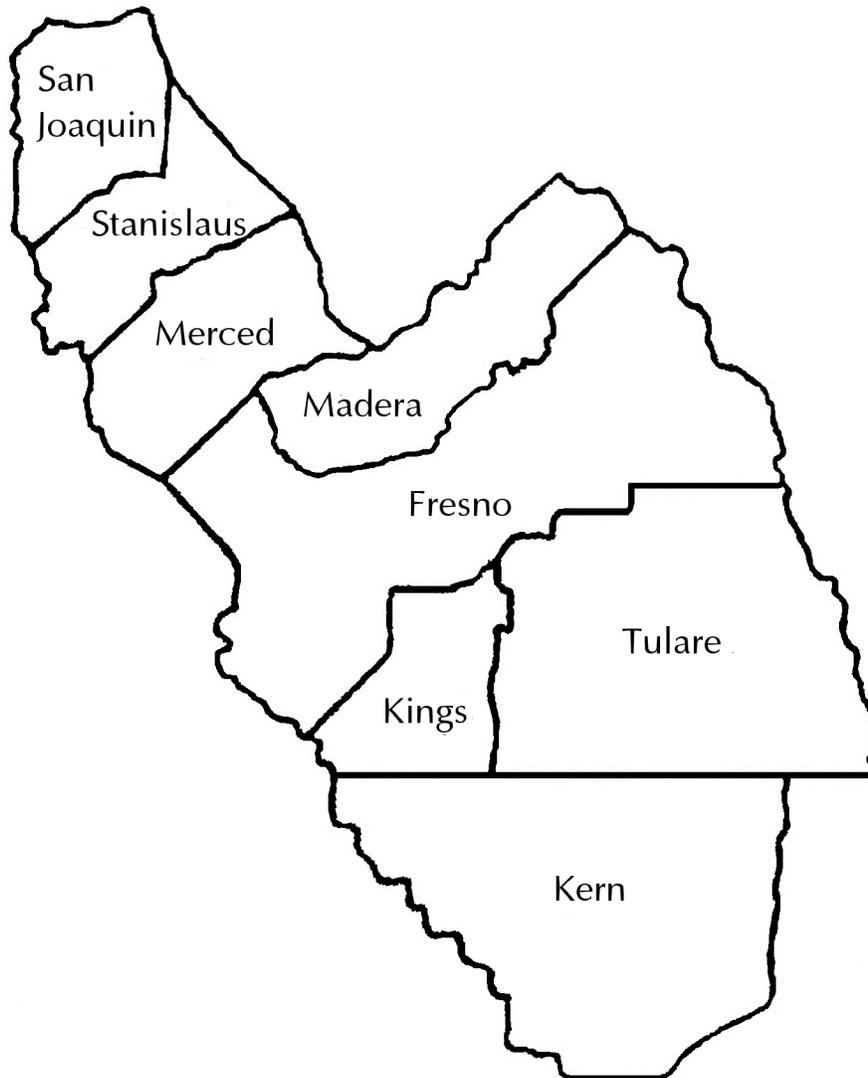
The Extreme Ozone Attainment Demonstration Plan Update applies to emission sources (primarily emission sources of volatile organic compounds and nitrogen oxides) located within the boundaries of the San Joaquin Valley Air Basin (see Figure 1, Map of Basin Boundaries).

5. Project Sponsor's Name and Address:

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



Figure 1
San Joaquin Valley Air Basin Boundaries





6. Project Description:

A. Introduction

On April 16, 2004, the U.S. Environmental Protection Agency (EPA) reclassified the San Joaquin Valley Air Basin (SJVAB) as extreme nonattainment for the federal 1-hour ozone national ambient air quality standard, effective May 17, 2004. As part of the reclassification, EPA required the San Joaquin Valley Unified Air Pollution Control District to submit an extreme ozone attainment demonstration plan by November 15, 2004. On October 8, 2004 the District adopted the *Extreme Ozone Attainment Demonstration Plan (EOADP)*. The plan was forwarded to the California Air Resources Board where it was adopted on October 28, 2004 and forwarded to EPA by the November 15, 2004 deadline.

The *EOADP* described the factors contributing to the San Joaquin Valley Air Basin's persistent ozone air quality problem, quantified emissions that cause ozone to form in the SJVAB, identified control measures (past, present and future) needed to reduce these emissions, and projected future air quality based on implementation of these controls. In addition, the *EOADP* fulfilled state requirements for the California Clean Air Act Plan Triennial Progress Report and federal requirements for demonstrating rate of progress (ROP) in meeting emissions reductions milestones for 2008 and 2010.

An Environmental Impact Report (SCH # 2004072004) was prepared for the *EOADP*. No significant adverse environmental impacts were identified in the Final Environmental Impact Report and a Notice of Determination was filed on October 12, 2004.

The proposed amendments to the plan will provide consistency between the *EOADP* and the *2005 Amendments to the 2003 PM₁₀ Plan*. The *2003 PM₁₀ Plan* was amended on May 19, 2005 to revise dates for control measure adoption and implementation and to align the contingency measure discussion with federal requirements. The emission reductions necessary for ROP and attainment in the *EOADP* were not affected by the revised *2003 PM₁₀ Plan* dates. In addition, the EPA has requested the District to update the control measure adoption/implementation dates in "Chapter 4: Control Strategy" in the *EOADP* so that EPA can proceed with processing the *EOADP*. Chapter 8: California Clean Air Act Triennial Progress Report and Plan Revision is a separate, stand-alone state requirement that is being revised only to provide consistency with Chapter 4. The *EOADP* was deemed complete by operation of law on May 15, 2005. The proposed amendments to Chapter 4 of the *EOADP* are necessary for EPA to take action of either approving or disapproving the plan (or parts of the plan) by May 15, 2006.



On June 15, 2005, EPA revoked the federal 1-hour ozone standard, leaving in place the more stringent 8-hour ozone standard. The District must submit its 8-hour Ozone Attainment Demonstration Plan to EPA by June 15, 2007. The San Joaquin Valley is classified as a serious nonattainment area for the 8-hour ozone standard, with an attainment date of June 15, 2013.

In spite of the revocation of the 1-hour ozone standards, the District must still meet requirements in the federal Clean Air Act that apply to the SJVAB by virtue of its classification as an extreme nonattainment area for the federal 1-hour ozone standards. These requirements include:

- Reasonably Available Control Technology (RACT)
- Motor vehicle inspection and maintenance (I/M)
- Major source applicability cutoffs for RACT (10 tons/year)
- Rate of Progress (ROP) reductions
- Stage II vapor recovery
- Clean Fuels Fleet Program [Section 183(c)(4)]
- Clean fuels for boilers [Section 182(e)(3)]
- Traffic Control Measures during heavy traffic hours [Section 182(e)(4)]¹
- Enhanced ambient monitoring [Section 182(c)(1)]
- Transportation controls [Section 182(c)(5)]
- Vehicle miles traveled provisions [Section 182(d)(1)]
- NOx requirements [Section 182(f)]
- Attainment demonstration per three options given in 40 CFR 51.905

B. Project Description

The District is proposing to amend the *2004 Extreme Ozone Attainment Demonstration Plan* by updating two chapters: Chapter 4: Control Strategy and Chapter 8: California Clean Air Act Triennial Progress Report and Plan Revision. The update will revise the control measure schedules to be consistent with the *2005 Amendments to the 2003 PM10 Plan*, reflect the current rule-making schedule, and correct minor typographical errors in the previous version.

Chapter 4 - Control Strategy

- Table 4-1 Rule adoption and implementation schedules have been updated to reflect the current rule development schedule and to provide consistency for those control measures that are also included in the *2005 Amendments to the 2003 PM10 Plan*.

¹ This "requirement" is actually an option.



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- Table 4-1 Estimates of emissions baselines and emissions reductions for 2008 were deleted because they are not needed for rate of progress (ROP) or attainment demonstration milestones. ROP milestones were met using emissions reductions from rules adopted through September 2002. No new commitments for reductions were needed to demonstrate ROP for 2008 or 2010. The California Health and Safety Code Section 39602 specifies that the State Implementation Plan can only include provisions needed to meet federal Clean Air Act requirements.

 - Section 4.2.3 The 2004 – 2007 Control Measures adoption and implementation schedules have been updated to reflect the changes made to Table 4-1.

Table 1 (attached) is the updated rule adoption and implementation schedule.

Chapter 8 - California Clean Air Act Triennial Progress Report and Plan Revision

- Table 8-5 The Rule Adoption Schedule has been updated to reflect the changes made to Table 4-1.

- Section 8.6.1 A typographical error was corrected. The text should read during the “2000-2002 period” instead of “2000-2000”.

- Section 8.6.2 A typographical error was corrected. The last sentence of the second paragraph should refer to Table 4-1 instead of Table 4-2.

Table 2 (attached) reflects the updated Triennial Plan rule adoption and implementation schedule.



Table 1: District Control Measure Schedule (2004 - 2007) ⁵

Control Measure	Rule Number	Description	Adopt or Amend Rule	POLLUTANT	2010 Baseline (tpd)	2010 Reductions (tpd)
A	4409 New ⁶	Oil and Gas Fugitives	2Q-2005	VOC	10.2	4.7
B	4455 New ⁶	Refinery & Chemical Fugitives	2Q-2005	VOC	0.5	0.2
C	9310 New	Fleet Rule - School Buses	3Q-2006	NOx	2.6	0.1
D	9510 New ⁶ 3180 New ⁶	Indirect Source Mitigation ¹	4Q-2005	NOx	N/A	4.0
E	4307 New ⁶	Small Boilers, Process Heaters, Steam Generators, 2.0 - 5.0 MMBtu/hr ²	4Q-2005	NOx	9.0	1.0
F	4694 New ⁶	Wineries - Fermentation and Storage	4Q-2005	VOC	2.1	0.7
G	4352	Solid-Fuel Boilers, Steam Generators, & Process Htrs	2Q-2006	NOx	4.4	<0.05 ⁴
H	4702 ⁶	Stationary IC Engines	2Q - 2005	NOx	20.1	8.0
I	4309 New ⁶	Commercial Dryers ³	4Q-2005	NOx	9.0	1.0
J	4565 New	Composting/Biosolids Operations ³	1Q-2007	VOC	0.7	0.1
K	4602	Automotive Coating	3Q-2006	VOC	1.6	0.1
L	4570	Concentrated Animal Feeding Operations	2Q - 2006	VOC	63.1	15.8
M	4662 4663 4602 4603 4604 4605 4606 4607 4653 4684	Organic Solvent Degreasing Organic Solvent Cleaning Motor Vehicle and Mobile Equipment Coating Surface Coating of Metal Parts and Products Can and Coil Coating Operations Aerospace Assemblies and Component Coating Wood Products Coating Graphic Arts Adhesives Polyester Resin Operations	3Q-2007	VOC	5.1	1.3



Table 1: District Control Measure Schedule (2004 - 2007) ⁵(cont.)

Control Measure	Rule Number	Description	Adopt or Amend Rule	Pollutant	2010 Baseline (tpd)	2010 Reductions (tpd)
N	4308 ⁶	Water Heaters, 0.075 - 2.0 MMBtu/hr ³	4Q - 2005	NOx	1.4	0.2
O	4401 ⁶	Steam-Enhanced Oil Well Vents	4Q - 2006	VOC	12.8	1.4
P	4651	Soil Decontamination ³	3Q-2007	VOC	<0.05 ⁴	<0.05 ⁴
Q	4103	Open Burning Phase III	2Q-2007	NOx VOC	2.3 5.8	1.1 2.9
R	4682	Polymeric Foam Manufacturing	3Q - 2007	VOC	0.3	0.1
S	4703	Stationary Gas Turbines (< 10 MW, distributed generation) ²	3Q-2007	NOx	2.5	0.6
T	4621, 4624	Gasoline Storage & Transfer	4Q-2007	VOC	3.4	0.9
U	New	Aviation Fuel Transfer, Phase I ³	4Q-2007	VOC	0.2	<0.05 ⁴

¹ CCOS data is not available. Emissions and reductions based on reductions generated by funding projects with Indirect Source Mitigation fees.

² CCOS data is not available. Emissions and reductions based on preliminary draft staff report.

³ CCOS data is not available. Emissions and reductions based on contracted emissions inventory report.

⁴ Rules with an average daily emissions of less than 0.05 tons/day may be included to satisfy federal and state requirements for RACT, BACT or all feasible controls. Please see the control measure details for additional information.

⁵ All data reflect CCOS SIP information using summer daily planning inventories, in tons per day (tpd), except as noted.

⁶ This control measure appears in 2003 *PM10 Plan* (Tables 4-17 through 4-20, as amended, December 2003), but elements of the rule (e.g., estimated emissions reductions, baseline emissions, rule description, etc.) have been updated for this *Extreme OADP*; consequently, the control measure elements may not match those presented in the 2003 *PM10 Plan* for the same measure. Furthermore, the following additional *PM10 Plan* control measures, which are not shown above in Table 4-1 because they were adopted as rules before the Table was developed (ca January 2004), are used in this *Extreme OADP* for attainment (Chapter 5) and rate of progress (Chapter 7) demonstrations: Rule 4604 (Can and Coil Coating), Rule 4408 (Glycol Dehydration Systems), Rule 4610 (Glass Coating Operations), Rule 4306 (Boilers, Steam Generators and Process Heaters), and Incentive Programs. Emissions reductions from these rules as given in Tables 4-17 through 4-20 of the 2003 *PM10 Plan* were converted to summer emissions before being used elsewhere in this *Extreme OADP*.

Note: The 2008 baseline and Emission Reductions were originally included the Extreme Ozone Attainment Demonstration Plan because the early versions of the plan were dependent on reductions from future rules to meet 2008 and 2010 Rate of Progress (ROP) requirements. On the day of plan adoption, District staff substituted a new ROP demonstration that met the 2008 and 2010 ROP milestones with rules adopted as of September 2002, thereby eliminating the need for 2008 Commitments. These commitments were inadvertently left in the plan when it was sent to EPA on November 15, 2004. State law prohibits the inclusion of control measures in the State Implementation Plan that are not needed to meet federal Clean Air Act requirements (California Health and Safety Code §39062). Consequently, the District removed the 2008 Commitments.



Table 2
Rulemaking Schedule for 2003-2005

Rule	Control Measure	Adopt/Amend Date	Reason
4313 (New)	Lime Kilns	2Q/03 1Q - 2003	RACT/RACM
4305, 4351, & 4306	Boilers, Steam Generators and Process Heaters	3Q - 2003	Sanction Clock/Fix-up/ RACM
4701 & 4702	Stationary IC Engines	3Q - 2003	Sanction Clock/ Fix-up/ RACM
4604	Can and Coil Coatings	1Q - 2004	RACM
4409 New	Oil and Gas Fugitives	2Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)
4455 New	Refinery & Chemical Fugitives	2Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)
9510 New 3180 New	Indirect Source Mitigation	4Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)
4307 New	Small Boilers, Process Heaters, Steam Generators, 2.0 – 5.0 MMBtu/hr	4Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)
4694 New	Wineries – Fermentation and Storage	4Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)
4702	Stationary IC Engines	2Q – 2005	Ozone Standard Attainment Demonstration (Ch. 4)
4309 New	Commercial Dryers	4Q - 2005	Ozone Standard Attainment Demonstration (Ch. 4)



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

The plan update must be submitted to the California Air Resources Board to be forwarded to the U.S. Environmental Protection Agency.

8. Project Compatibility with Existing Zones and Plans:

Control measures in the Plan apply primarily to stationary sources of emissions in the San Joaquin Valley Unified Air Pollution Control District in order to reduce emissions and comply with federal and state air quality standards. Zoning varies throughout the Basin, although most stationary sources are anticipated to be within industrial and commercial zoning and land use areas. This project is compatible with the *Amended 2002 and 2005 Rate of Progress Plan for San Joaquin Valley Ozone* and the *2005 Amendments to the 2003 PM10 Plan*.

9. Name of Person Who Prepared Initial Study:

Elena Nuño
San Joaquin Valley Unified Air Pollution Control District
1990 E. Gettysburg Ave.
Fresno, CA 93726
(559) 230-5800



B. 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"/> 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 | |

C. 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 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 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: Hector R. Guerra
 Title: Senior Air Quality Planner



D. ENVIRONMENTAL IMPACT CHECKLIST

Explanations of all answers on the check-off list are located in Section E.

	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
I. AESTHETICS Would the proposal:				
a) Affect a scenic vista or scenic highway?				√
b) Have a demonstrable negative aesthetic effect?				√
c) Create light or glare?				√
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:				
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?				√
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				√
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?				√
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:				
a) Conflict with or obstruct implementation of the applicable air quality plan?				√
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				√
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)?				√
d) Expose sensitive receptors to substantial pollutant concentrations?				√
e) Create objectionable odors affecting a substantial number of people?				√



IV. BIOLOGICAL RESOURCES Would the project:

- 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?
- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?
- 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?
- 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?
- e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?
- 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?

V. CULTURAL RESOURCES Would the project:

- a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?
- b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?
- c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?
- d) Disturb any human remains, including those interred outside of formal cemeteries?

Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√



VI. GEOLOGY/SOILS Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
 - 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.
 - ii) Strong seismic ground shaking?
 - iii) Seismic-related ground failure, including liquefaction?
 - iv) Landslides?
- b) Result in substantial soil erosion or the loss of topsoil?
- 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?
- 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?
- 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?

Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
			√
			√
			√
			√
			√
			√
			√

VII. HAZARDS & HAZARDOUS MATERIALS

Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?
- 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?
- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

			√
			√
			√



- 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?
- 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?
- 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?
- g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
- 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?

VIII. HYDROLOGY/WATER QUALITY Would the project:

- a) Violate any water quality standards or waste discharge requirements?
- 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)?
- 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?
- 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?
- 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?

Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√



	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
f) Otherwise substantially degrade water quality?				√
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?				√
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				√
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?				√
IX. LAND USE/PLANNING Would the project:				
a) Physically divide an established community?				√
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?				√
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				√
X. MINERAL RESOURCES Would the project:				
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?				√
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?				√
XI. NOISE Would the project result in:				
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?				√
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				√
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				√
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				√



- 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?
- 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?

XII. POPULATION/HOUSING Would the project:

- 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)?
- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?
- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

XIII. PUBLIC SERVICES

- a) Would the project 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:
 - Fire protection?
 - Police protection?
 - Schools?
 - Parks?
 - Other public facilities?
- b) Cumulatively exceed official regional or local population projections?
- c) Induce substantial growth in an area either directly or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?
- d) Displace existing housing, especially affordable housing?

Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√
			√



XIV. RECREATION

- 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?
- 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?

XV. TRANSPORTATION/TRAFFIC Would the project:

- 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)?
- b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?
- 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?
- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?
- e) Result in inadequate emergency access?
- f) Result in inadequate parking capacity?
- g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

XVI. UTILITIES/SERVICE SYSTEMS Would the project:

- a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?
- 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?
- 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?

Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
			√
			√
			√
			√
			√
			√
			√
			√
			√



- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?
- 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?
- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?
- g) Comply with federal, state, and local statutes and regulations related to solid waste?

XVII. MANDATORY FINDINGS OF SIGNIFICANCE

- 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?
- 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)?
- c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				✓
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?				✓
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				✓
g) Comply with federal, state, and local statutes and regulations related to solid waste?				✓
XVII. MANDATORY FINDINGS OF SIGNIFICANCE				
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?				✓
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)?				✓
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?				✓



E. ENVIRONMENTAL IMPACT CHECKLIST COMMENTS

Comments for items in the checklist are based on information contained in the Environmental Impact Report (EIR) prepared for the Extreme Ozone Attainment Demonstration Plan (*EOADP or plan*). The District's Governing Board certified the EIR for the plan on October 8, 2004. A Notice of Determination for the Environmental Impact Report was filed on October 12, 2004.

I. AESTHETICS

I. a) & b): The plan update is not expected to have an impact on aesthetics. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* did not identify any significant impacts on aesthetics. (Source 1)

II. AGRICULTURE RESOURCES

II. a) - c): The plan update will not have an adverse impact on agricultural resources. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts to agricultural resources. (Source 1)

III. AIR QUALITY

III. a) – e): The plan update will not have an adverse impact on air quality. With the revision, the plan still meets Federal Clean Air Act requirements for Rate of Progress milestones achievement and attainment demonstration. EPA approval of the plan update will place the proposed control measures in the SIP thereby completing an important 1-hr ozone planning milestone for the San Joaquin Valley Air Basin. (Source 1)

IV. BIOLOGICAL RESOURCES

IV. a) – f): The plan update will not have an adverse impact on biological resources. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts to biological resources. (Source 1)



V. CULTURAL RESOURCES

V. a) - d): The plan update will not have an adverse impact on cultural resources. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts to cultural resources. (Source 1)

VI. GEOLOGY AND SOILS

VI. a) - e): The plan update will not have an adverse impact on geology and soils. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts to cultural resources. (Source 1)

VII. HAZARD & HAZARDOUS MATERIALS

VII. a) - h): The plan update will not create any significant hazard or hazardous materials. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts. (Source 1)

VIII. HYDROLOGY/WATER QUALITY

VIII. a) - i): The plan update will not have an adverse effect on hydrology or water quality. Issues that may arise from the plan implementation were addressed in the initial study for the Draft EIR for the *2004 Extreme Ozone Attainment Demonstration Plan* and found not to be significant. (Source 1)

IX. LAND USE/PLANNING

IX. a) – c): The plan update will not have an adverse effect on land use/planning. The Initial Study prepared for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan* also did not identify any significant adverse impacts. (Source 1)

X. MINERAL RESOURCES

X. a), b): The plan update will not have an adverse effect on mineral resources. (Source 1)



XI. NOISE

XI. a) - f): The plan update will not have an adverse impact on noise. As noted in the Initial Study for the Draft Environmental Impact Report for the *2004 Extreme Ozone Attainment Demonstration Plan*, there are no components of the plan that would substantially increase ambient noise levels, either intermittently or permanently. (Source 1)

XII. POPULATION/HOUSING

XII. a) – c): The proposed plan update is not anticipated to result in changes in population densities or induce significant growth in population. Because of the region's available workforce, any demand for new employees can be accommodated from the local region, so no substantial population displacement is anticipated. Therefore, construction of replacement housing elsewhere in the District is not anticipated. (Source 1)

XIII. PUBLIC SERVICES

XIII. a) - d): Adopting the proposed plan update is not anticipated to create significant adverse public service impacts. (Source 1)

XIV. RECREATION

XIV. a) & b): No land use or planning requirements, including those related to recreational facilities, would be altered by the proposed plan update. (Source 1)

XV. TRANSPORTATION/TRAFFIC

XV. a) - g): Adopting the proposed plan update is not anticipated to generate any significant adverse impacts to transportation or traffic systems. (Source 1)

XVI. UTILITIES/SERVICE SYSTEMS

XVI. a) - f): Potential impacts on utilities and service systems have been addressed in the Environmental Impact Report for the original plan. The updated plan is not expected to have any significant effects that were not addressed in the original plan. (Source 1)



XVII. MANDATORY FINDINGS OF SIGNIFICANCE

XVIII. a) – c): This project does not 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.

This project does not have the potential to achieve short-term, to the disadvantage of long-term, environmental goals. Neither does this project have impacts, which are individually limited, but cumulatively considerable. This project will have no potential environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly.

Based upon consideration of the information provided in the comments to the Environmental Checklist and other analyses performed for this project, it does not have the potential to degrade the quality of the environment or to interfere with either short-term or long-term environmental goals. There will not be any significant cumulative impacts. Finally, the project will not cause any direct or indirect substantial adverse effects on human beings. (Source 1)

F. REFERENCES

1. San Joaquin Valley Unified Air Pollution Control District, 2004. *Extreme Ozone Attainment Demonstration Plan*. Initial Study and Notice of Preparation. June 30, 2004.
2. San Joaquin Valley Unified Air Pollution Control District, 2004. *Extreme Ozone Attainment Demonstration Plan*. Final Environmental Impact Report SCH # 2004072004. October 8, 2004.