

MOUNTAINVIEW POWER PLANT
Application for Certification
00-AFC-2

APPLICANT'S
SITING REVIEW AND
CEQA MATRIX

Submitted in Compliance
with MVPP Committee Order

October 2000

INTRODUCTION

This document contains Mountainview Power Company's (MVPC) assessment of impacts in each issue area as required by the Mountainview Power Plant (MVPP) Committee in an order dated September 8, 2000.

For each issue area, potential impacts are evaluated. The evaluation is present using the following methodology:

The *Summary of Environmental Effects* recaps the detailed analyses found in the *Detailed Environmental Effects* for both construction and operation of the proposed power plant. The Matrix identifies whether there is a potential environmental effect and its significance level is displayed in the Matrix with the following legend:

NONE	Impact does not apply to the project. [Blue]
INSIGNIFICANT	Potential impact is not significant. [Green]
MITIGATION	Impact is potentially significant unless mitigated. [Yellow]
SIGNIFICANT	Impact is potentially significant, cannot feasibly be mitigated, and cannot be eliminated or reduced to insignificance by a project alternative. [Red]

For any Matrix cell with an entry of "MITIGATION," MVPC provides a mitigation measure or condition of certification that will eliminate the potential environmental impact or reduce it to a level of insignificance. Each of the Applicant's entries in the Matrix, whether NONE, INSIGNIFICANT, MITIGATION, or SIGNIFICANT, is accompanied by a brief reference in the REFERENCE column and appropriate explanatory text. The REFERENCE column indicates the sources of information in the docket for MVPP wherein a particular issue area has been discussed. Additionally, where mitigation is required or where the project provides an enhancement, it is briefly explained or cited.

SUMMARY OF ENVIRONMENTAL EFFECTS

(CONSTRUCTION)

Overview

Construction-related impacts, mitigation, and project definition

Construction of the Mountainview Power Plant (MVPP) will take approximately 24 months and will involve construction of the power plant, an underground natural gas pipeline and a short, mostly underground water discharge connector pipeline. In order to ensure that the project has no significant impacts, and that necessary mitigation is provided, Conditions of Certification are needed in several issue areas.

In the area of Air Quality, the project requires several Conditions of Certification to ensure that fugitive dust is minimized, contained, and properly handled.

In the area of Cultural Resources, the construction of the natural gas pipeline requires several Conditions of Certification. These Conditions of Certification ensure that historical resources are not significantly impacted and that impacts are minimized.

In the area of Soils, the construction of both the power plant and the linear facilities requires Conditions of Certification to ensure that erosion and sedimentation are properly handled.

In the area of Noise, Conditions of Certification are needed in the areas of Loudness/character, Time/frequency and Worker Health. Such conditions ensure that noise-related construction impacts are not significant and are minimized.

Impacts and cumulative impacts of the project for all other areas either do not arise to significance or do not exist. In many instances, impacts have been minimized by project evolution. As the project has progressed through the Application for Certification process, the CEC Staff, public agencies and interested parties have commented on various aspects of the project. Frequently, the applicant agreed to choose or abandon particular alternatives and selected a project description that addressed the concerns of those parties. Thus, the matrix alone does not tell the entire story. For instance, the applicant responded to input from various interested parties to ensure that the natural gas pipeline construction will not have significant impacts to Biological Resources. To avoid such impacts, the applicant chose to bore the pipeline under the Santa Ana River. This limited the location, construction methods and timing.

SUMMARY OF ENVIRONMENTAL EFFECTS

CONSTRUCTION

CONSTRUCTION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
ENGINEERING				
Alternatives				
“No Project”	None	None	None	None
Location	None	None	None	None
Technology	None	None	None	None
Fuel	None	None	None	None
PUBLIC HEALTH				
Air Quality				
Construction Equipment	Insignificant	Insignificant	None	Insignificant
Fugitive Dust	Mitigation	Mitigation	Mitigation	Mitigation
Public Health				
Health Risk	Insignificant	Insignificant	None	Insignificant
Hazardous Materials				
Transportation	Insignificant	Insignificant	None	Insignificant
Storage & Use	Insignificant	Insignificant	None	Insignificant
Disposal	Insignificant	Insignificant	Insignificant	Insignificant
ENVIRONMENTAL				
Biology				
Wildlife & Habitat	None	Insignificant	Insignificant	Insignificant
Plant & Habitat	None	Insignificant	Insignificant	Insignificant
Fish & Habitat	None	None	None	None
Wetlands/Vernal Pools	None	None	None	None
Cultural Resources				
Prehistory (Archeology)	None	None	None	None
Historical	None	Mitigation	None	Mitigation
Ethnic Heritage	None	None	None	None

CONSTRUCTION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
Geology				
Earthquake	None	None	None	None
Instability	None	None	None	None
Mineral Resources	None	None	None	None
Fossils (Paleontology)	Insignificant	Insignificant	None	Insignificant
Soils				
Erosion	Mitigation	Mitigation	None	Mitigation
Sedimentation	Mitigation	Mitigation	Insignificant	Mitigation
Drainage	None	None	None	None
Prior Contamination	None	None	None	None
Agricultural Resources				
Farmland	None	None	None	None
Ag Zoning	None	None	None	None
Water Quality				
Surface Waters	Insignificant	Insignificant	Insignificant	Insignificant
Groundwater	None	None	None	None
Wastewater	None	None	None	None
Drainage/Runoff	None	None	None	None
Flood	None	None	None	None
Water Supply				
Supply	None	None	None	None
Waste Management				
Excavation	Insignificant	Insignificant	None	Insignificant
Construction Wastes	Insignificant	Insignificant	Insignificant	Insignificant
Sanitary Wastes	Insignificant	Insignificant	Insignificant	Insignificant
Disposal Capacity	Insignificant	Insignificant	Insignificant	Insignificant
LOCAL				
Land Use				
General/Special Plan	None	None	None	None
Zoning	None	None	None	None
Open Space	None	None	None	None
Existing/Planned Uses	None	None	None	None

CONSTRUCTION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
Noise				
Loudness/Character	Mitigation	Insignificant	Mitigation	Mitigation
Time/Frequency	Mitigation	Mitigation	Mitigation	Mitigation
Sensitive Receptors	None	Insignificant	Insignificant	Insignificant
Worker Health	Mitigation	Mitigation	None	Mitigation
Socioeconomic				
Housing	None	None	None	None
Employment	None	None	None	None
Schools	None	None	None	None
Utilities/Public Services	None	None	None	None
Environmental Justice	None	None	None	None
Traffic/Transportation				
Roadway Changes	None	None	None	None
Utility Availability	None	Insignificant	None	Insignificant
Deliveries	None	Insignificant	Insignificant	Insignificant
Commuting	None	Insignificant	Insignificant	Insignificant
Congestion				
• Safety	None	Insignificant	Insignificant	Insignificant
• Parking	None	Insignificant	None	Insignificant
Visual				
View				
• Man-made Features	Insignificant	None	Insignificant	Insignificant
• Natural Features	Insignificant	None	Insignificant	Insignificant
Scenic Designation	None	Insignificant	Insignificant	Insignificant
Lighting	Insignificant	Insignificant	Insignificant	Insignificant

SUMMARY OF ENVIRONMENTAL EFFECTS

(OPERATION)

Overview

Operation-related impacts, mitigation, and project definition.

Mountainview Power Plant (MVPP) will operate to provide much needed electricity to California and Western markets by combusting natural gas in a highly efficient manner. The operation of MVPP will have minimal impacts, all insignificant, due to mitigation and project description choices. The operation of the linear facilities, the gas pipeline and water pipeline will have nearly no impacts as they are underground facilities requiring little, if any, maintenance. Operation of the plant will have none or insignificant impacts at the project site and in the surrounding setting.

In the area of Air Quality, mitigation is being provided as required by the California Energy Commission and the South Coast Air Quality Management District. These mitigation measures ensure that air quality standards are complied with and that air quality related impacts are mitigated as required under the Clean Air Act and associated or affiliated laws, ordinances, regulations, and standards. Such mitigation includes providing emission Offsets, emission rate limits, emission volume limits, emission control equipment, and procedural and project definition requirements such as stack height and start up requirements.

In the area of Noise, mitigation is provided through Conditions of Certification to ensure worker health is not significantly impacted.

In several areas, the assessment of impacts does not tell the whole story. In the area of Biological Resources, impacts have been avoided in operation by developing on an existing power plant site. In the area of Water Resources, the applicant has chosen to use contaminated middle aquifer water and reclaimed water in response to concerns over impacts to the heavily used lower aquifer and over the use of potable water for power plant cooling. In the area of Visual Resources, unnecessary visual disturbance to potential users of the Santa Ana Regional Trail (SART) has been greatly eliminated by a commitment to planting a tree screening along the Northern Boundary of the project.

SUMMARY OF ENVIRONMENTAL EFFECTS

OPERATION

OPERATION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
ENGINEERING				
Efficiency				
Local/Regional Energy Supplies	None	None	None	None
Consumption Rate	None	None	None	None
PUBLIC HEALTH				
Air Quality				
Federal & California Air Quality Standards	Mitigation	None	Mitigation	Mitigation
Visibility	Insignificant	None	Insignificant	Insignificant
Soils, Vegetation & Aquatic Resources	Insignificant	None	Insignificant	Insignificant
Acid Rain	Insignificant	None	Insignificant	Insignificant
Air Toxic Hot Spots	None	None	None	None
Nuisance	None	None	None	None
Odor	None	None	None	None
Cooling Tower Drift	Insignificant	None	Insignificant	Insignificant
Farmland	None	None	None	None
Ag Zoning	None	None	None	None
Public Health				
Cancer Risk	Insignificant	None	Insignificant	Insignificant
Non-cancer Health Risk	Insignificant	None	Insignificant	Insignificant
Hazardous Materials				
Transportation	Insignificant	None	Insignificant	Insignificant
Storage & Use	Insignificant	None	Insignificant	Insignificant
Disposal	Insignificant	None	Insignificant	Insignificant

OPERATION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
ENVIRONMENTAL				
Biological Resources				
Wildlife & Habitat				
- Taking Protected Species	None	None	None	None
- Protected Species Disturbance	None	None	Insignificant	Insignificant
- Habitat Loss	None	None	None	None
- Long term Habitat Degradation	None	None	Insignificant	Insignificant
- Short term Habitat Disturbance	None	None	None	None
Plant & Habitat				
- Taking Protected Species	None	None	None	None
- Protected Species Disturbance	None	None	None	None
- Long Term Degradation	None	None	Insignificant	Insignificant
- Short Term Degradation	None	None	None	None
Fish & Habitat				
- Taking Protected Species	None	None	None	None
- Protected Species Disturbance	None	None	None	None
- Long Term Degradation	None	None	None	None
- Short Term Degradation	None	None	None	None
Wetlands/Vernal Pools				
- Habitat Loss	None	None	None	None
- Long Term Degradation	None	None	None	None
- Short Term Disturbance	None	None	None	None
Cultural Resources	None	None	None	None
Geology				
Earthquake	None	Insignificant	None	Insignificant
Instability	None	None	None	None
Soils				
Erosion	None	None	None	None
Sedimentation	None	None	None	None
Drainage	None	None	None	None
Fertility	None	None	None	None

OPERATION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
Water Quality				
Surface Water	None	None	None	None
Groundwater	None	None	None	None
Wastewater	None	None	None	None
Flood	None	None	None	None
Water Resources				
Supply	None	None	None	None
Recharge	None	None	None	None
Waste Management				
Hazardous	None	None	None	None
Non-hazardous	Insignificant	None	Insignificant	Insignificant
Sanitary Wastes	None	None	None	None
Disposal Capacity	Insignificant	None	Insignificant	Insignificant
LOCAL				
Land Use				
Existing/Planned Uses	None	None	None	None
Closure	None	None	None	None
Noise				
Loudness/Character	Insignificant	None	Insignificant	Insignificant
Time/Frequency	Insignificant	None	Insignificant	Insignificant
Sensitive Receptors	None	None	Insignificant	Insignificant
Worker Health	Mitigation	None	None	Mitigation
Socioeconomic				
Housing	None	None	None	None
Employment	None	None	None	None
Schools	None	None	None	None
Utilities/Public Services	None	None	None	None
Environmental Justice	None	None	None	None
Traffic/Transportation				
Congestion				
• Safety	None	None	None	None
• Parking	None	None	None	None

OPERATION	SITE	RELATED FACILITIES	SURROUNDING SETTING	CUMULATIVE IMPACTS
Traffic & Transportation Continued -				
Deliveries	None	None	None	None
Commuting	None	None	None	None
Visual				
View	Insignificant	None	Insignificant	Insignificant
Scenic Designation	None	None	None	None
Lighting	Insignificant	None	Insignificant	Insignificant

CEQA MATRIX

Mountainview Power Plant Project 00-AFC-02

Issue Area: ENGINEERING

The MVPP project is being developed on an existing power plant site and is using state of the art technology and clean, burning natural gas. The project was proposed this way and no objections or concerns have been expressed regarding this description. Likewise, the “no project” alternative rejected by the Applicant, has not received concerns or objections.

In the area of Efficiency, MVPP is using state of art combined, cycle natural gas fueled components. Providing the highest efficiency possible. For these reasons, MVPP has no impacts in the area of Engineering

DETAILED ENVIRONMENTAL EFFECTS
(Operation)

ALTERNATIVES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
“No Project	None	None	None	None		
Location	None	None	None	None		
Technology	None	None	None	None		
Fuel	None	None	None	None		

DETAILED ENVIRONMENTAL EFFECTS
(Operation)

EFFICIENCY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Local/Regional Energy Supplies	None	None	None	None		AFC: 2.6 Data Response: None CONDITIONS: None
Consumption Rate	None	None	None	None		AFC: 3.2 Data Responses: None CONDITIONS: None

CEQA MATRIX

Mountainview Power Plant Project 00-AFC-02 Issue Area: PUBLIC HEALTH

Public Health includes three issues areas: air quality, public health and hazardous materials. Mitigation is required in the area of air quality, both in construction and in operation. The other two areas have insignificant or no impacts.

MVPP is utilizing state of the art emission control technology as well as highly efficient natural gas turbines in combined cycle arrangements. The determination of compliance proceeding, under the jurisdiction of the South Coast Air Quality Management District (SCAQMD) has proceeded to date with little or no objections or concerns. MVPC has acquired the required offsets and will receive a Preliminary Determination of Compliance shortly.

The project meets all Best Available Control Technology and Lowest Allowable Emission Rate requirements. By meeting all requirements, utilizing appropriate project design, and providing all necessary mitigation, MVPP has no unmitigated significant public health impacts.

The storage of ammonia on the project site has been designed to contain a worst-case spill scenario and all transportation and storage requirements are met.

DETAILED ENVIRONMENTAL EFFECTS (Construction)

AIR QUALITY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Construction Equipment	Insignificant	Insignificant	None	Insignificant		AFC: 6.8-57, Appendix G.2; Data Responses: #2, #15 and Attachment AQ-15A CONDITIONS: CEC General Condition AQ-2 and the PDOC
Fugitive Dust	Mitigation	Mitigation	Mitigation	Mitigation	CEC General Condition AQ-1; Dust Control Measures	AFC: 6.8.1.4.2 Data Response: # 4 CONDITIONS: CEC General Condition AQ-1 and the PDOC

DETAILED ENVIRONMENTAL EFFECTS (Operation)

AIR QUALITY (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Federal & California Air Quality Standards						
Ozone (O3)	Mitigation	None	Mitigation	Mitigation	BACT/LAER, Offsets	AFC: 6.8.1.4.1 Data Responses: None CONDITIONS: PDOC
Nitrogen Dioxide (NO2)	Mitigation	None	Mitigation	Mitigation	CEC General Condition AQ-8, BACT/LAER Offsets	AFC: 6.8.1.4.2; Tables G.3.8.a; G.3.8.b and G.5.3 Data Response: #4, #12 and Attachment AQ-16A CONDITIONS: CEC General Condition AQ-8 and the PDOC
Carbon Monoxide (CO)	Mitigation	None	Mitigation	Mitigation	CEC General Condition AQ-6 and AQ-8, BACT/LAER, Offsets	AFC: 6.8.1.4.3; Tables G.3.8.a; G.3.8.b and G.5.3 Data Responses: #1 and #4 CONDITIONS: CEC General Condition AQ-6 and AQ-8 and the PDOC
Sulfur Dioxide (SO2)	Mitigation	None	Mitigation	Mitigation	CEC General Condition AQ-9, BACT/LAER, Offsets	AFC: 6.8.1.4.4 Data Response #4; Tables G.3.8.a; G.3.8.b and G.5.3 CONDITIONS: CEC General Condition AQ-9 and the PDOC
Respirable Particulate Matter (PM10)	Mitigation	None	Mitigation	Mitigation	BACT/LAER, Offsets	AFC: 6.8.1.4.6; Tables 6.8-30 and 6.8-31; Tables G.3.8.a; G.3.8.b and G.5.3 Data Responses: 4, 5 and 7 Conditions: PDOC

AIR QUALITY (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Visibility	Insignificant	None	Insignificant	Insignificant		AFC: 6.8 Data Reponses: None CONDITIONS: PDOC
Soils, Vegetation & Aquatic Resource	Insignificant	None	Insignificant	Insignificant		AFC: 6.8 Data Reponses: None CONDITIONS: PDOC
Acid Rain	Insignificant	None	Insignificant	Insignificant		AFC: 6.8 Data Reponses: None CONDITIONS: CEC General Condition AQ-18 and the PDOC
Air Toxics Hot Spots	None	None	None	None	T-BACT	AFC: 6.8 Data Reponses: None CONDITIONS: PDOC
Nuisance	None	None	None	None		AFC: 6. Data Reponses: None CONDITIONS: CEC General Condition AQ3 and the PDOC
Odor	None	None	None	None		AFC: 6.8 Data Reponses: None CONDITIONS: PDOC
Cooling Tower Drift	Insignificant	None	Insignificant	Insignificant	BACT	AFC: 6.8 Data Reponses: None CONDITIONS: PDOC

DETAILED ENVIRONMENTAL EFFECTS (Construction)

PUBLIC HEALTH	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Health Risk	Insignificant	Insignificant	None	Insignificant	Dust control, low sulfur fuels, low emitting engines	AFC: 6.9.3.1 Data Responses: 2 CONDITIONS: PDOC

DETAILED ENVIRONMENTAL EFFECTS (Operation)

PUBLIC HEALTH	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Cancer Risk	Insignificant	None	Insignificant	Insignificant	T-BACT	AFC: 6.9.3.1 Data Responses: None CONDITIONS: PDOC
Non- cancer Health Risk						
- Acute	Insignificant	None	Insignificant	Insignificant	T-BACT	AFC: 6.9.3.1 Data Responses: None CONDITIONS: PDOC
- Chronic	Insignificant	None	Insignificant	Insignificant	T-BACT	AFC: 6.9.3.1 Data Responses: None CONDITIONS: PDOC

DETAILED ENVIRONMENTAL EFFECTS (Construction)

HAZARDOUS MATERIALS	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Transportation	Insignificant	Insignificant	None	Insignificant		AFC: 6.10.1 Data Responses: None CONDITIONS: None
Storage & Use	Insignificant	Insignificant	None	Insignificant		AFC: Data Responses: None CONDITIONS: CEC General Conditions HAZ-1, HAZ-2, and HAZ-4
Disposal	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.12.3.1 Data Responses: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Operation)

HAZARDOUS MATERIALS (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Transportation	Insignificant	None	Insignificant	Insignificant		AFC: 6.10.3.2 Data Responses: None CONDITIONS: None
Storage & Use	Insignificant	None	Insignificant	Insignificant		CEC General Condition HAZ-1
Disposal	Insignificant	None	Insignificant	Insignificant		AFC: 6.12.3.2 Data Responses: None Conditions None

CEQA MATRIX

Mountainview Power Plant Project 00-AFC-02

Issue Area: ENVIRONMENTAL

Environmental impacts include the issue areas of Biology, Cultural Resources, Geology, Soils, Agricultural Resources, Water Quality, Water Resources, and Waste Management.

During the CEC Staff analysis process, many issues and concerns were raised, addressed and resolved. The process has evolved MVPP to a lowest impact form with mitigation needed in only a few environmental areas.

Significant enhancement was provided in the area of water resources. Initially the project considered use of lower aquifer ground water with potential use of reclaimed water. Responding to legitimate Staff, agency and interested party concerns, Mountainview Power Company (MVPC) agreed to utilize the middle aquifer to utilize the TCE and perchlorate contaminated water present in that aquifer. Similarly, MVPC has agreed to use reclaimed water and reached an agreement with the City of Redlands to supply such water. The collective effect of these changes was to assure all interested parties that MVPP will not have significant impacts to water resources and, indeed, might be of benefit to the community.

In the area of Cultural Resources, MVPC has agreed to drop consideration of one alternate rough for the natural gas pipeline. This alternative would have traversed through Foothill Boulevard, the old Route 66. MVPC also provided extensive detail regarding potential historical resources on the pipeline route and has stipulated to the CEC's 14 standard Conditions of Certification to ensure no significant impacts in this area.

In the area of Soils, MVPC has agreed to provide mitigation to ensure erosion and sediment impacts are minimized and less than significant. MVPC has provided the CEC with a draft erosion control plan and typical measures to be taken.

DETAILED ENVIRONMENTAL EFFECTS (Construction)

BIOLOGY (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Wildlife & Habitat						
- Taking Protected Species	None	None	None	None		AFC: Section 6.13 and Appendix J Data Response: 18, 19, 24, 25, 32, 35, 36, 132, 133, 135 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Protected Species Disturbance	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.13.1.3, Table 6.13.2, 6.13.1.3.2 and Appendix J Data Response: 18, 19, 22, 24, 25, 26, 128 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Habitat Loss	None	None	Insignificant	Insignificant		AFC: Section 6.13.1.3, Table 6.13.2, 6.13.1.3.2 and Appendix J Data Response: 20-23 and 26, 131 CONDITIONS: CEC General Conditions Bio-3, Bio-7, Bio-8 and BIO-9
- Long term Habitat Degradation	None	None	None	None		AFC: Section 6.13.3, 6.13.4 and Appendix J Data Response: 20-24, 26 and 31 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Short term Habitat Disturbance	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.13.3, 6.13.4 and Appendix J Data Response: 20-24, 26 and 31 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8

BIOLOGY (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Plant & Habitat						
- Taking Protected Species	None	None	None	None		AFC: Section 6.13.1.3, 6.13.3, 6.13.4 and Appendix J Data Response: 20, 21, 26, 28, 29, 32, 33, 135 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Protected Species Disturbance	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.13.1.3.1, 6.13.3, 6.13.4 and Appendix J Data Response: 20-24, 26, 28, 29, 32, 33, 36 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Long Term Degradation	None	None	None	None		AFC: Section 6.13.3 and Appendix J Data Response: 20-24, 26, 28, 29, 32, 33 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Short Term Degradation	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.13.1.3, 6.13.4 and Appendix J Data Response: 22-24, 26, 28-29, 32-33, 131 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
Fish & Habitat						
- Taking Protected Species	None	None	None	None		AFC: None Data Response: None CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Protected Species Disturbance	None	None	None	None		AFC: None Data Response:

BIOLOGY (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
						None CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Long Term Degradation	None	None	None	None		AFC: None Data Response: 131 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
- Short Term Degradation	None	None	None	None		AFC: None Data Response: 131 CONDITIONS: CEC General Conditions Bio-3, Bio-7 and Bio-8
Wetlands/Vernal Pools						
- Habitat Loss	None	None	None	None		AFC: None Data Response: None CONDITIONS: CEC General Conditions Bio-3, Bio-7, Bio-8 and Bio-9
- Long Term Degradation	None	None	None	None		AFC: None Data Response: None CONDITIONS: CEC General Conditions Bio-3, Bio-7 and
- Short Term Disturbance	None	None	None	None		AFC: None Data Response: None CONDITIONS: Bio-3, Bio-7 and Bio-8

DETAILED ENVIRONMENTAL EFFECTS (Operation)

BIOLOGY (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Wildlife & Habitat						
- Taking Protected Species	None	None	None	None		AFC: None Data Response: 18, 19, 24, 25, 32, 35, 36, 132, 133, 135 CONDITIONS: CEC General Condition BIO-1
- Protected Species Disturbance	None	None	Insignificant	Insignificant		AFC: None Data Response: 18, 19, 22, 24, 25, 26, 128 CONDITIONS: CEC General Condition BIO-6 & BIO-7
- Habitat Loss	None	None	None	None		AFC: None Data Response: 20-23, 26, 131 CONDITIONS: MVPC's Conditions BIO-3, 7, 8 & 9
- Long term Habitat Degradation	None	None	Insignificant	Insignificant		AFC: None Data Response: 20-24, 26, 131 CONDITIONS: MVPC's Conditions BIO-3, 7, & 8
- Short term Habitat Disturbance	None	None	None	None		AFC: None Data Response: 20-24, 26, 131 CONDITIONS: MVPC's Conditions BIO-3, 7, & 8
Plant & Habitat						
- Taking Protected Species	None	None	None	None		AFC: None Data Response: 20, 21, 26, 28, 29, 32, 33, 135 CONDITIONS: MVPC's BIO-1
- Protected Species Disturbance	None	None	None	None		AFC: None Data Response: 20-24, 26, 28, 29, 32, 33, 36, 131

BIOLOGY (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
						CONDITIONS: CEC General Condition BIO-6 & BIO-7
- Long Term Degradation	None	None	Insignificant	Insignificant		AFC: None Data Response: 20-24, 26, 28, 29, 32, 33 CONDITIONS: BIO-3, 7, & 8
- Short Term Degradation	None	None	None	None		AFC: None Data Response: 22-24, 26, 28, 28, 29, 32, 33, 131 CONDITIONS: None
Fish & Habitat						
- Taking Protected Species	None	None	None	None		AFC: None Data Response: None CONDITIONS: None
- Protected Species Disturbance	None	None	None	None		AFC: None Data Response: None CONDITIONS: CEC General Condition BIO-6
- Long Term Degradation	None	None	None	None		AFC: None Data Response: 131 CONDITIONS: None
- Short Term Degradation	None	None	None	None		AFC: None Data Response: 131 CONDITIONS: None

BIOLOGY (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Wetlands/Vernal Pools						
- Habitat Loss	None	None	None	None		AFC: None Data Response: None CONDITIONS: None
- Long Term Degradation	None	None	None	None		AFC: None Data Response: None CONDITIONS: None
- Short Term Disturbance	None	None	None	None		AFC: None Data Response: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

CULTURAL RESOURCES (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Prehistory (Archeology)						
Known Site	None	None	None	None		AFC: 6.2 Data Response: 40 CONDITIONS: CEC General Conditions Cul-3 and Cul-12
Unknown Resource	None	None	None	None		AFC: 6.2 Data Response: 40, 140 CONDITIONS: CEC General Conditions Cul-3 and Cul-12
Historical						
Human Remains	None	None	None	None		AFC: 6.2.3.1 Data Response: 40 CONDITIONS: CEC General Conditions Cul-3 and Cul-12
Sacred Site	None	None	None	None		AFC: 6.2 Data Response: 39, 40 CONDITIONS: Cul-3 and Cul-12
Structure, Site or Object	None	Mitigation	None	Mitigation	Cul-3, Cul-6, Cul-10 and Cul-12	AFC: 6.2.1.3 Data Response: 40 CONDITIONS: Cul-3, Cul-6, Cul-10 and Cul-12

CULTURAL RESOURCES (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Ethnic Heritage						
Sacred Sites	None	None	None	None		AFC: 6.2 Data Response: 39, 136 CONDITIONS: CEC General Conditions Cul-3 and Cul-12
Burial Grounds	None	None	None	None		AFC: 6.2 Data Response: 39, 136 CONDITIONS: CEC General Conditions Cul-3 and Cul-12

DETAILED ENVIRONMENTAL EFFECTS (Operation)

CULTURAL RESOURCES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE

DETAILED ENVIRONMENTAL EFFECTS (Construction)

GEOLOGY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Earthquake	None	None	None	None		AFC: 6.17.1.2 Data Response: 48-52 CONDITIONS: None
Instability	None	None	None	None		AFC: 6.17.1.2 Data Response: 48-52 CONDITIONS: None
Mineral Resources	None	None	None	None		AFC: 6.17.1.5 Data Response: None CONDITIONS: None
Fossils (Paleontology)						
Known Site	None	None	None	None		AFC: 6.16 Data Response: None CONDITIONS: CEC General Conditions PAL-1 through PAL-8 and MVPP's Stipulated Conditions PAL-1 through PAL-8
Unknown Resource	Insignificant	Insignificant	None	Insignificant		AFC: 6.16 Data Response: None CONDITIONS: CEC General Condition PAL-1 through PAL-8 and MVPP's Stipulated Conditions PAL-1 through PAL-8

DETAILED ENVIRONMENTAL EFFECTS (Operation)

GEOLOGY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Earthquake	None	Insignificant	None	Insignificant		AFC: 6.17.1.2 Data Response: 48-52 CONDITIONS: None
Instability	None	None	None	None		AFC: 6.17.1.2 Data Response: 48-52 CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

SOILS	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Erosion	Mitigation	Mitigation	None	Mitigation	CEC SOIL&WATER-1 & CEC SOIL&WATER-2 and MVPC's WAT-1 of its Conditions Analysis Document.	AFC: 6.15.3.1 and 6.15.4 DATA RESPONSES: 64 CONDITIONS: CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-1 of its Conditions Analysis Document.
Sedimentation	Mitigation	Mitigation	Insignificant	Mitigation	CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-2 of its Conditions Analysis Document.	AFC: 6.15.3.5 and 6.15.3.1 DATA RESPONSES: 64 CONDITIONS: CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-2 of its Conditions Analysis Document.
Drainage	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-2 of its Conditions Analysis Document.
Prior Contamination	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: MVPC's WASTE-3

DETAILED ENVIRONMENTAL EFFECTS (Operation)

SOILS	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Erosion	None	None	None	None		AFC: 6.15.3.3; 6.15.4 DATA RESPONSES: 64 CONDITIONS: CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-2 of its Conditions Analysis Document.
Sedimentation	None	None	None	None		AFC: 6.15.3.1 DATA RESPONSES: 64 CONDITIONS: CEC General Condition SOIL&WATER-1 and SOIL&WATER-2 and MVPC's WAT-1 and WAT-2 of its Conditions Analysis Document.
Drainage	None	None	None	None		AFC: DATA RESPONSES: 64 CONDITIONS: CEC General Condition SOIL&WATER-1, SOIL&WATER-2 and SOIL&WATER-3.
Fertility	None	None	None	None		

DETAILED ENVIRONMENTAL EFFECTS (Construction)

AGRICULTURAL RESOURCES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ALTERNATIVE	REFERENCE
Farmland						
Direct Farmland Conversion	None	None	None	None		AFC: 6.15 DATA RESPONSES: None CONDITIONS: None
Indirect Farmland Conversion	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None
Ag Zoning						
Existing Zoning	None	None	None	None		AFC: 6.3 – Land Use DATA RESPONSES: None CONDITIONS: None
Williamson Act	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Operation)

AGRICULTURAL RESOURCES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ALTERNATIVE	REFERENCE
Farmland						
Direct Farmland Conversion	None	None	None	None		AFC: 6.15 DATA RESPONSES: None CONDITIONS: None
Indirect Farmland Conversion	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None
Ag Zoning						
Existing Zoning	None	None	None	None		AFC: 6.3 – Land Use DATA RESPONSES: None CONDITIONS: None
Williamson Act	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

WATER QUALITY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Surface Waters	Insignificant	Insignificant	Insignificant	Insignificant		AFC: None DATA RESPONSES: None CONDITIONS: CEC General Conditions SOIL&WATER-1 & SOIL&WATER-3 and MVPC's stipulated conditions WAT-2 and WAT-3.
Groundwater	None	None	None	None		AFC: None DATA RESPONSES: 67 CONDITIONS: None
Wastewater	None	None	None	None		AFC: None DATA RESPONSES: 70-76 CONDITIONS: MVPC's Stipulated Conditions WAT-7 and WAT-9
Drainage/Runoff	Insignificant	Insignificant	Insignificant	Insignificant		AFC: None DATA RESPONSES: 64 CONDITIONS: CEC's General Condition SOIL&WATER-3 and MVPC's WAT-2
Flood	None	None	None	None		AFC: None DATA RESPONSES: CONDITIONS: CEC General Condition SOIL&WATER-3 and MVPC's stipulated condition WAT-2

DETAILED ENVIRONMENTAL EFFECTS (Operation)

WATER QUALITY	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Surface Water	None	None	None	None		
Groundwater	None	None	None	None		AFC: Supplement to AFC 6-14F DATA RESPONSE: 67, 165, 166 CONDITIONS: MVPC's WAT-4 and WAT-5 of its Conditions Analysis Document
Wastewater	None	None	None	None		AFC: None DATA RESPONSE: None CONDITIONS: MVPC's WAT-6, WAT-7 and WAT-9 of its Conditions Analysis Document
Drainage/Runoff	None	None	None	None		AFC: None DATA RESPONSE: 64 CONDITIONS: CEC General Condition SOIL&WAT-1 and SOIL&WAT-2; MVPC's WAT-1 and WAT-2 of its Conditions Analysis Document
Flood	None	None	None	None		

DETAILED ENVIRONMENTAL EFFECTS (Construction)

WATER RESOURCES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Supply	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Operation)

WATER RESOURCES	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Supply	None	None	Insignificant (Enhancement)	Insignificant (Enhancement)	Enhancement: MVPP will utilize contaminated middle aquifer providing a use for otherwise abandoned water resources and potentially stabilizing some movement of the plumes while removing contamination.	AFC: 6.14.1.6.3; 2.13.1; 2.13-1; 2.13-2 and Supp. Appendix 6.14FI; Figures 6.14-7A and 6.14-8A; attachment WAT-65A DATA RESPONSE: #87 and #88; #165-#167 CONDITIONS: MVPC's WAT-5 and WAT-8 of its Conditions Analysis Document
Recharge	N/A	N/A	N/A	N/A		

DETAILED ENVIRONMENTAL EFFECTS (Construction)

WASTE MANAGEMENT	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Excavation	Insignificant	Insignificant	None	Insignificant		AFC: 6.12 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area
Construction Wastes	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.12.3.1 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-1
Sanitary Wastes	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.12.3.1 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-1 and WASTE 3
Disposal Capacity	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.12.1.2 and 6.12.3.1 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-3.

DETAILED ENVIRONMENTAL EFFECTS (Operational)

WASTE MANAGEMENT	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Hazardous	None	None	None	None		AFC: 6.12.3.2 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-1
Non-Hazardous	Insignificant	None	Insignificant	Insignificant		AFC: 6.12.3.2 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-1, WASTE-2 and WASTE-3.
Sanitary Wastes	None	None	None	None		AFC: 6.12.3.2 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-1 and WASTE-3
Disposal Capacity	Insignificant	None	Insignificant	Insignificant		AFC: 6.12.1.2 and 6.12.1.3 Data Response: None CONDITIONS: CEC did not set forth General Conditions for this area. Refer to MVPC's WASTE-3

CEQA MATRIX

Mountainview Power Plant Project 00-AFC-02

Issue Area: LOCAL

Local impacts include the issue areas of Land Use, Noise, Socioeconomics, Traffic and Transportation, and Visual Resources. Mitigation has been provided in the area of Noise and enhancement has been provided in the area of Visual Resources.

In the area of Land Use, the MVPC has completed the purchase of the needed parcel from Southern California Edison and has obtained approval for annexation from the City of Redlands. MVPC has a development agreement, also completed, with the City of Redlands to ensure consistency with City of Redlands LORS and to ensure completion of all permits and approvals.

In the area of Noise, the MVPC has agreed to standard conditions and past CEC conditions to ensure that noise impacts are mitigated to insignificance and minimized.

In the area of Visual Resources, MVPC agreed to an enhancement for potential users of the future Santa Ana River Trail (SART). MVPC agreed to plant trees along the northern boundary of the site. Recently, MVPC agreed to plant biologically appropriate trees so as to provide an enhancement in the area of Biological Resources also.

DETAILED ENVIRONMENTAL EFFECTS (Construction)

LAND USE	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or	REFERENCE
General/Special Plan	None	None	None	None		AFC: 6.3-13; 6.3.2.3 Data Response: None CONDITIONS: MVPC's LAND-1 and LAND-2
Zoning	None	None	None	None		AFC: 6.3.2.3 Data Response: 53 and 147 CONDITIONS: MVPC's LAND-1; LAND-2; LAND-3
Open Space	None	None	None	None		AFC: Data Responses: 151 CONDITIONS:
Existing/Planned Uses	None	None	None	None		AFC: 6.3-13 Data Response: 148 CONDITIONS: MVPC's LAND-1; LAND-2

DETAILED ENVIRONMENTAL EFFECTS (Operation)

LAND USE	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Existing/Planned Uses	None	None	None	None		AFC: 6.3-13 Data Responses: None CONDITIONS: MVPC's LAND-1 and LAND-2.
Closure	None	None	None	None		AFC: 6.3.3.3 Data Responses: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

NOISE (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Loudness/Character	Mitigation	Insignificant	Mitigation	Mitigation	CONDITIONS: CEC General Conditions NOISE-2 through NOISE-6 and MVPC's NOISE-2 through NOISE-6 and NOISE-8 of its Conditions Analysis Document	AFC: 6.4.3.1; 6.4.3.1.1; Table 6.4-10; 6.4.4.1; Appendix 6.4-C Data Responses: 58 and 60 CONDITIONS: CEC General Conditions NOISE-2 through NOISE-6 and MVPC's NOISE-2-6 and NOISE-8 of its Conditions Analysis Document
Time/Frequency	Mitigation	Mitigation	Mitigation	Mitigation	CONDITIONS: CEC General Conditions NOISE-2, NOISE-4 and NOISE-6 and MVPC's NOISE-6 and NOISE-8 of its Conditions Analysis Document all provide measures for mitigation of noise related impacts.	AFC: DATA RESPONSES: 60 and 153 CONDITIONS: CEC General Conditions NOISE-2, NOISE-4 and NOISE-6 and MVPC's NOISE-6 and NOISE-8 of its Conditions Analysis Document all provide measures for mitigation of noise related impacts.
Sensitive Receptors	None	Insignificant	Insignificant	Insignificant		AFC: Supp. Appendix 6.4A DATA RESPONSES: 57 and 154 CONDITIONS: CEC General Conditions NOISE-1, NOISE-2 and NOISE-5 and MVPC's NOISE-5 and NOISE-8
Worker Health	Mitigation	Mitigation	None	Mitigation	CONDITIONS: CEC General Conditions NOISE-3 SAFETY-1 and SAFETY-2 NOISE-7 and MVPC's NOISE-7 of its Conditions Analysis Document.	AFC: 6.4.3.1.3; 6.4.3.2.3 DATA RESPONSES: None CONDITIONS: CEC General Conditions NOISE-3 SAFETY-1 and SAFETY-2 NOISE-7 and MVPC's NOISE-7

DETAILED ENVIRONMENTAL EFFECTS (Operation)

NOISE (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Loudness/Character	Insignificant	None	Insignificant	Insignificant		AFC: 6.4.3.2.1; Table 6.4-12 DATA RESPONSES: 155 CONDITIONS: CEC Condition NOISE-8 and MVPC's NOISE-4-6 of its Conditions Analysis Document.
Time/Frequency	Insignificant	None	Insignificant	Insignificant		AFC: 6.4.13 and Table 6.4-6 DATA RESPONSES: 156 CONDITIONS: CEC Condition NOISE-5 and MVPC's NOISE-4-6 and NOISE 8of its Conditions Analysis document.
Sensitive Receptors	None	None	Insignificant	Insignificant		AFC: None DATA RESPONSES: None CONDITIONS: None
Worker Health	Mitigation	None	None	Mitigation	CONDITIONS: CEC Conditions NOISE-7 and MVPC's NOISE-7 of its Conditions Analysis document.	AFC: None DATA RESPONSES: None CONDITIONS: CEC Conditions NOISE-7 and MVPC's NOISE-7 of its Conditions Analysis document.

DETAILED ENVIRONMENTAL EFFECTS (Construction)

SOCIOECONOMICS	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Housing	None	None	None	None		AFC: 6.7.3.4 DATA RESPONSES: 61-63 CONDITIONS: None
Employment	None	None	None	None		AFC: 6.7.3.3 DATA RESPONSES: 61-63 CONDITIONS: MVPC's stipulated condition SOCIO-1
Schools	None	None	None	None		AFC: 6.7.3.6 DATA RESPONSES: 61-63 CONDITIONS: MVPC's stipulated condition SOCIO-2
Utilities/Public Services	None	None	None	None		AFC: 6.7.3.5 DATA RESPONSES: 61-63 CONDITIONS: MVPC's Stipulated Condition SOCIO-2
Environmental Justice						AFC: 6.7.3 DATA RESPONSES: 61-63 CONDITIONS: None
Disproportionate & High Adverse Health or Environmental Impacts to any Minority/Low Income Population	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Operation)

SOCIOECONOMICS	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Housing	None	None	None	None		AFC: 6.7.1.4 DATA RESPONSES: 61-63 CONDITIONS: None
Employment	None	None	None	None		AFC: 6.7.1.2 DATA RESPONSES: None CONDITIONS: MVPC's stipulated condition SOCIO-1
Schools	None	None	None	None		AFC: 6.7.1.7 DATA RESPONSES: 61-63 CONDITIONS: MVPC's stipulated condition SOCIO-2.
Utilities/Public Services	None	None	None	None		AFC: 6.7.1.5 DATA RESPONSES: 61-63 CONDITIONS: None
Environmental Justice	None	None	None	None		AFC: 6.7.3 DATA RESPONSES: 61-63 CONDITIONS: None
Disproportionate & High Adverse Health or Environmental Impacts to Minority/Low Income Population	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

TRAFFIC/ TRANSPORTATION (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Roadway Changes	None	None	None	None		AFC: None DATA RESPONSES: None CONDITIONS: CEC General Condition TRANS-6; MVPC's TRANS-5
Utility Availability	None	Insignificant	None	Insignificant		AFC: None DATA RESPONSES: None CONDITIONS: None
Congestion						
- Deliveries	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.5.3.4 and 6.5.4 Data Responses: 94 and 98 CONDITIONS: CEC General Condition TRANS-3 and MVPC's TRANS-1, TRANS-3, and TRANS- 4 of its Conditions Analysis Document.
- Commuting	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.5.4 Data Response: 90 (Attachment TT-90A), 91 CONDITIONS: MVPC's TRANS-6, and TRANS-7 of its Conditions Analysis Document.
- Safety	None	Insignificant	Insignificant	Insignificant		AFC: Section 6.5.4 Data Responses: None CONDITIONS: CEC General Condition TRANS-4 and TRANS-5

TRAFFIC/ TRANSPORTATION (Construction)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
- Parking	None	Insignificant	None	Insignificant		AFC: Section 6.5.1.7 Data Response: 95 CONDITIONS: CEC General Condition TRANS-2 and MVPC's TRANS-2 of its Conditions Analysis Document.

DETAILED ENVIRONMENTAL EFFECTS (Operation)

TRAFFIC& TRANSPORTATION (Operation)	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
Congestion						
- Deliveries	None	None	Insignificant	Insignificant		AFC: 6.5.3.1.2 and 6.5.3.1.3 Data Responses: None CONDITIONS: CEC TRANS-4; MVPC's Stipulated Condition TRANS-3
- Commuting	None	None	None	None		AFC: 6.5.3.1.2 and 6.5.3.1.3 Data Responses: None CONDITIONS: CEC TRANS-4; MVPC's Stipulated Condition TRANS-3
Safety	None	None	None	None		AFC: Section 6.5.3.2.2 and 6.10 Data Responses: None CONDITIONS: MVPC's Stipulated Condition TRANS-3
Parking	None	None	None	None		AFC: Section 6.5 Data Response: None CONDITIONS: None

DETAILED ENVIRONMENTAL EFFECTS (Construction)

VISUAL	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
View						
Natural Features	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.6 Data Responses: 158-159 Conditions: CEC General Condition VIS-1 and VIS-2; MVPC's Stipulated Condition VIS-1 and VIS-2
Man-made Features	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.6 Data Responses: 99, 100, 103, 104, 112, 113 Conditions: CEC General Condition VIS-1 and VIS-2; MVPC's Stipulated Condition VIS-1 and VIS-2
Scenic Designation	None	None	None	None		AFC: 6.6 Data Responses: 110, 115 Conditions: MVPC's Stipulated Condition VIS-4
Lighting	Insignificant	Insignificant	Insignificant	Insignificant		AFC: 6.6 Data Responses: 117, 118, 119 Conditions: CEC General Condition VIS-13; MVPC's Stipulated Condition VIS-3.

DETAILED ENVIRONMENTAL EFFECTS (Operation)

VISUAL	Site	Related Facilities	Surrounding Setting	Cumulative Impacts	MITIGATION or ENHANCEMENT	REFERENCE
View						
Natural Features	Insignificant	None	Insignificant	Insignificant	Enhancement: Tree planting on the northern boundary of the project site will provide enhanced viewing and use pleasure for future Santa Ana River Trail users.	AFC: 6.6 Data Responses: 158-159 Conditions: CEC General Condition VIS-1 and VIS-2, VIS-4 and MVPC's Stipulated Condition VIS-1, VIS-2 and VIS-4
Man-made Features	Insignificant	None	Insignificant	Insignificant		AFC: 6.6 Data Responses: 99, 100, 103, 104, 112, 113, 161-164 Conditions: CEC General Condition VIS-1 and VIS-2; MVPC's Stipulated Condition VIS-1, VIS-2 and VIS-4
Scenic Designation	None	None	None	None		AFC: 6.6 Data Responses: 110 Conditions: CEC General Condition VIS-4 and MVPC's Stipulated Condition VIS-4
Lighting	Insignificant	None	Insignificant	Insignificant		AFC: 6.6 Data Responses: 117, 118, 119 Conditions: CEC General Condition VIS-3; MVPC's Stipulated Condition VIS-3.

