TABLE OF CONTENTS

Volume I

Section		Page
1.0	INTRODUCTION	1.0-1
2.0	EXECUTIVE SUMMARY	2.0-1
2.1	Project Location and Boundaries	2.0-1
2.2	Project Summary	2.0-1
2.3	Surrounding Uses	2.0-7
2.4	Project Background	2.0-8
2.5	Alternatives to the Project	2.0-9
2.6	Areas of Known Controversy	2.0-11
2.7	Issues to be Resolved	2.0-11
2.8	Summary of Environmental Impacts and Mitigation Measures	2.0-11
3.0	ENVIRONMENTAL SETTING	3.0-1
3.1	Project Location	3.0-1
3.2	Environmental Setting	3.0-12
3.3	Cumulative Impact Analysis	3.0-36
4.0	PROJECT DESCRIPTION	4.0-1
4.1	Project Location and Boundaries	4.0-1
4.2	Project Characteristics	4.0-3
4.3	Description of Proposed Land Uses	4.0-7
4.4	Landscaping	4.0-15
4.5	Lighting	4.0-25
4.6	Sustainability	4.0-26
4.7	Site Access and Circulation	4.0-29
4.8	Services and Utilities	4.0-32
4.9	Site Preparation and Construction	4.0-37
4.10	Potential On-Site Hydromodification Controls	4.0-42
4.11	Intended Use of this EIR	4.0-48
4.12	Requested Discretionary Approvals	4.0-48
4.13	Other Permits and Approvals	4.0-49
4.14	Project Objectives	4.0-50

Section Page

5.0 ENVIRONMENTAL IMPACT ANALYSIS 5.0-1
5.1 Aesthetics 5.1-1
5.2 Air Quality 5.2-1
5.3 Biological Resources 5.3-1
5.4 Cultural Resources 5.4-1
5.5 Energy 5.5-1
5.6 Geology and Soils 5.6-1
5.7 Greenhouse Gas Emissions 5.7-1
5.8 Hazards and Hazardous Materials 5.8-1
5.9 Hydrology and Water Quality 5.9-1
5.9.1 Hydrology 5.9.1-1
5.9.2 Water Quality 5.9.2-1

Volume II

5.10 Land Use and Planning 5.10-1
5.11 Noise 5.11-1
5.12 Public Services 5.12-1
5.12.1 Library Services 5.12.1-1
5.12.2 Education 5.12.2-1
5.12.3 Sheriff Services 5.12.3-1
5.12.4 Fire Services 5.12.4-1
5.13 Recreation 5.13-1
5.14 Transportation/Traffic 5.14-1
5.15 Utilities and Service Systems 5.15-1
5.15.1 Water Supply 5.15.1-1
5.15.2 Solid Waste 5.15.2-1
5.15.3 Wastewater 5.15.3-1
5.15.4 Electricity and Natural Gas 5.15.4-1

6.0 PROJECT ALTERNATIVES 6.0-1
6.1 Alternatives Considered but Rejected from Further Consideration 6.0-2
6.2 Analysis Format 6.0-6
6.3 Project Alternatives 6.0-7
6.4 Environmentally Superior Alternative 6.0-82

Section		Page
7.0	OTHER ENVIRONMENTAL CONSIDERATIONS	7.0-1
7.1	Growth-Inducing Impacts	7.0-1
7.2	Significant Irreversible Environmental Changes	7.0-5
7.3	Significant Unavoidable Impacts	7.0-8
7.4	Significant But Mitigated Impacts	7.0-10
7.5	Effects not Found to be Significant	7.0-14
7.6	Potential Secondary Effects	7.0-17
7.7	Reasons Why Project is Being Proposed Notwithstanding Significant Unavoidable Impacts	7.0-21
8.0	LIST OF PREPARERS	8.0-1
9.0	REFERENCES	9.0-1
10.0	ACRONYMS AND ABBREVIATIONS	10.0-1

Volume III

LIST OF APPENDICES

Appendix 1.0 Notice of Preparation/Initial Study/NOP Comment Letters
- 1.0-1 Notice of Preparation and Initial Study
- 1.0-2 Comments on Notice of Preparation

Appendix 4.0 Los Angeles County Fuel Modification Plant List

Appendix 5.2 Air Quality and Greenhouse Gas Calculations
- 5.2-1 CalEEMod Model Output – Proposed Project
- 5.2-2 CalEEMod Model Output – Existing Entitlement Alternative
- 5.2-3 CalEEMod Model Output – Reduced Grading Alternative
- 5.2-4 CalEEMod Model Output – Increased Density Alternative
- 5.2-5 Climate Change Technical Report
- 5.2-6 CalEEMod Model Output – Off-Site Pipeline

Appendix 5.3 Biological Resources Documentation
- 5.3-1 Biological Resources section prepared by Rachel Tierney Consulting for Taylor and Company for Previous (2002) Approved Project, including Appendices
- 5.3-2 Vegetation and Special Status Plant Surveys
- 5.3-3 Assessment of Impacts to Federal and State Jurisdictional Water and Wetlands
- 5.3-4 Oak Tree Report

Appendix 5.4 Phase I Cultural Resources Report Prepared by W&S Consultants

Appendix 5.6 Geology and Soils Documentation
- 5.6-1 Geology and Soils section prepared by Taylor and company for Previously (2002) Approved Project, including Appendices
- 5.6-2 Geologic and Geotechnical Report – January 15, 1999
- 5.6-3 Addendum No. 1, Geologic and Geotechnical Report - Revised Map, October 22, 1999.
- 5.6-4 Geologic and Geotechnical Report – Addendum No. 2, March 31, 2000.
- 5.6-5 Geologic and Geotechnical Report – Addendum No. 4, Geologic and Geotechnical Report Amended Vesting Tentative Tract Map (dated April 15, 2003), April 16, 2003.
- 5.6-6 Geologic and Geotechnical Report – Addendum No. 6, Geologic and Geotechnical Report Amended Vesting Tentative Tract Map (Undated), August 27, 2004.
- 5.6-7 Geologic and Geotechnical Report, Review of Rough Grading Plans (dated July 7, 2004), September 17, 2004.
- 5.6-8 Geologic/Geotechnical In-Grading Report No. 22, November 5, 2008.
- 5.6-9 Geologic and Geotechnical Report – Addendum No. 7, June 7, 2013

Appendix 5.7 Greenhouse Gas Documentation
- 5.7-1 CalEEMod Model Output – Annual Calculations
- 5.7-2 CalEEMod Model Output – Mitigated Annual Calculations

Appendix 5.8 Hazards and Hazardous Materials Documentation
- 5.8-1 Los Angeles County Fire Department "No Further Action" letter for the AEO/ Burns -Crist Lease Area, March 29, 2010

5.8-2 Los Angeles County Fire Department "No Further Action" letter for the SADD Lease - North Pad and at the SADD Leases North and South Pads, April 21, 2010
5.8-3 Health Risk Assessment by Environmental Resources Management, Inc., May 31, 2006
5.8-4 Request for Regulatory Oversight Soil Cleanup of Former Oil Production Areas Correspondence, March 29, 2004
5.8-5 Notice of Completion of Asbestos Removal, March 4, 2004
5.8-6 Phase I Environmental Site Assessment California Environmental, July 2003
5.8-7 California EPA Identification Documentation
5.8-8 Site Investigation Summary Report, May 2006
5.8-9 Project Summary Report, July 13, 2006
5.8-10 Remedial Action Plan, May 2004
5.8-11 Site Summary report including Health Risk Assessment, April 2006
5.8-12 Site Summary Report Errata, March 2009
5.8-13 Soil Sampling and Vapor Survey Work Plan, May 2007
5.8-14 Soil Sampling Test Results, June 2007
5.8-15 Review of the Remedial Action Plan, May 2004
5.8-16 Review of the Remedial Excavation Report, March 2010
5.8-17 Review of the Closure Report for SADD Lease North and South Pads, April 21, 2010
5.8-18 Review of the Site Assessment Work Plan – Additional Assessment, May 2009
5.8-19 Review of the Revised Site Assessment Work Plan, and Health and Safety Plan, March 2009
5.8-20 Review of Site Summary Report, SADD, December 2006
5.8-21 Remedial Excavation Report, March 9, 2010
5.8-22 Work Plan for Further Site Assessment, February 2009
5.8-23 Revised Site Assessment Work Plan, March 2009
5.8-24 Site Assessment Report/Remediation Work Plan, August 2009
5.8-25 Site Investigation Project Schedule, February 2009
5.8-26 Site Assessment Work Plan – Additional Assessment, May 2009
5.8-27 Community Health and Safety Plan, February 2009
5.8-28 Remediation Work Plan – Addendum, September 8, 2009
5.8-29 Remediation Work Plan – Addendum, September 16, 2009
5.8-30 Remediation Work Plan – Addendum, September 21, 2009
5.8-31 Work Plan for Further Site Assessment, February 2009

Appendix 5.9.1 Hydrology Reports
5.9.1-1 Hydrology Report for Tract No. 052584
5.9.1-2 Natural Condition Hydrology Analysis

Appendix 5.9.2 Water Quality Technical Report – Prepared by Pacific Advanced Civil Engineering, Inc

Appendix 5.11 Noise Documentation
5.11-1 Average Daily Trips Calculations
5.11-2 SLM Field Data
5.11-3 Construction Vibration Calculations
5.11-4 Noise Level Distance Adjustments
5.11-5 Interval Data

Appendix 5.12 Public Services Documentation
- 5.12.1-1 County of Los Angeles Public Library Correspondence, August 21, 2013
- 5.12.2-1 Castaic Union School District Correspondence, August 21, 2013
- 5.12.2-2 School Facilities Needs Analysis
- 5.12.2-3 William S. Hart Union High School District E-mail Correspondence September 18, 2013
- 5.12.2-4 William S. Hart Union High School District Current and Planned Facilities, October 2013
- 5.12.2-5 School Facilities Funding and Mitigation Agreement By and Between the William S. Hart Union High School District and Hasley Canyon Land Company, LLC.
- 5.12.3-1 County of Los Angeles Sheriff's Department Correspondence, July 30, 2013
- 5.12.3-2 California Highway Patrol – Newhall Office correspondence, September 4, 2013
- 5.12.4-1 County of Los Angeles Fire Department Correspondence, July 29, 2013
- 5.12.4-2 County of Los Angeles Fire Department Correspondence, January 30, 2015
- 5.12.4-3 County of Los Angeles Fire Department Correspondence, June 9, 2015
- 5.12.4-4 Preliminary Fuel Modification Plan
- 5.12.4-5 Conceptual Landscape and Irrigation Plan

Appendix 5.13 Recreation Documentation
- 5.13-1 Quimby Act Park Obligation Report
- 5.13-2 County of Los Angeles Department of Parks and Recreation Correspondence, August 5, 2013

Appendix 5.14 Traffic Documentation
- 5.14-1 Los Valles Traffic Report, November 25, 2014
- 5.14-2 Los Valles Hillcrest Parkway Supplemental Assessment
- 5.14-3 Traffic Study Addendum-Los Valles Project

Appendix 5.15 Utilities and Service Systems Documentation
- 5.15.1-1 Los Angeles County Waterworks District No. 36 Los Valles Project Water Supply Assessment prepared by Stetson Engineers Inc.
- 5.15.1-2 Evaluation of System Hydraulics and Booster Pump Station Los Valles Development Project
- 5.15.2-1 County of Los Angeles Sanitation Districts Correspondence July 29, 2013
- 5.15.3-1 County of Los Angeles Sanitation Districts Correspondence, August 13, 2013
- 5.15.3-2 County of Los Angeles Sanitation Districts E-mail Correspondence, August 22, 2013
- 5.15.3-3 Los Valles Sewer Area Study
- 5.15.4-1 Southern California Edison Will Serve Letter, July 29, 2013
- 5.15.4-2 Southern California Edison Will Serve Letter, August 14, 2013
- 5.15.4-3 Southern California Gas Company E-mail Correspondence, July 25, 2013

Appendix 6.0 Project Alternatives
- 6.0-1 Project Alternatives Traffic Impact Analysis and Methodology
- 6.0-2 Mixed-Use Development Alternative Analysis
- 6.0-3 Mixed-Use Development Alternative Analysis

LIST OF FIGURES

Figure		Page
ES-1	Regional Location Map	2.0-3
ES-2	Revised Vesting Tentative Tract Map No. 52584	2.0-4
ES-3	Conceptual Site Plan	2.0-5
3.0-1	Regional Location Map	3.0-2
3.0-2	Project Boundary and Environmental Setting	3.0-3
3.0-3	SWPPP Basins on the Project Site	3.0-7
3.0-4	Areas of Previous Disturbance on the Project Site	3.0-8
3.0-5	Overview of the Project Site	3.0-11
3.0-6	Location of Related Projects	3.0-38
4.0-1	Site Vicinity Map	4.0-2
4.0-2	Revised Vesting Rentative Tract Map No. 52584	4.0-5
4.0-3	Conceptual Site Plan	4.0-6
4.0-4a	Existing and Proposed Topography	4.0-9
4.0-4b	Existing and Proposed Topography	4.0-10
4.0-5	Trails Map	4.0-14
4.0-6	Conceptual Landscape Plan	4.0-23
4.0-7	Preliminary Fuel Modification Plan	4.0-24
4.0-8	Site Access and Internal Project Circulation	4.0-31
4.0-9	Project Off-Site Improvements	4.0-36
4.0-10	Los Valles Project Grading	4.0-38
4.0-11	Project Phasing	4.0-41
4.0-12	Planned Channel Improvements	4.0-43
4.0-13	Retention Basin Areas	4.0-46
4.0-14	Interim ControlsConceptual Site Plan	4.0-53
4.0-15	Grading Interim Controls and Project.	4.0-54
5.1-1	Viewpoint Key Map	5.1-8
5.1-2	Existing View–Viewpoint 1	5.1-11
5.1-3	Existing View –Viewpoint 2	5.1-12
5.1-4	Existing View – Viewpoint 3	5.1-13
5.1-5	Existing View – Viewpoint 4	5.1-14
5.1-6	Existing View – Viewpoint 5	5.1-17
5.1-7	Existing View – Viewpoint 6	5.1-18
5.1-8	Existing View – Viewpoint 7	5.1-19
5.1-9	Existing and Proposed Views – Viewpoint 1	5.1-31
5.1-10	Existing and Proposed Views – Viewpoint 2a	5.1-32
5.1-11	Existing and Proposed Views – Viewpoint 2b	5.1-35
5.1-12	Existing and Proposed Views – Viewpoint 3	5.1-36
5.1-13	Existing and Proposed Views – Viewpoint 4	5.1-40
5.1-14	Existing and Proposed Views – Viewpoint 5	5.1-41
5.1-15	Existing and Proposed Views – Viewpoint 6	5.1-42
5.1-16	Existing and Proposed Views – Viewpoint 7	5.1-43

LIST OF FIGURES (continued)

Figure		Page
5.3-1	Vegetation Communities	5.3-4
5.3-2	Oak Tree Locations	5.3-27
5.3-3	Jurisdictional Features	5.3-31
5.3-4	Vegetation Community and Jurisdictional Resource Impacts	5.3-48
5.3-5	Oak Tree Impacts	5.3-56
5.6-1	Landslide and Liquefaction Hazard in the Project Vicinity	5.6-12
5.6-2	Project Site Landslide Map	5.6-13
5.6-3	Project Cut Slopes	5.6-24
5.9.1-1	Existing Tributary Drainages.	5.9.1-9
5.9.1-2	Existing County Capital Floodplain Boundaries	5.9.1-14
5.9.1-3	Existing FEMA 100-year Floodplain Boundary	5.9.1-15
5.9.1-4	Existing and Proposed Project Site Drainage	5.9.1-28
5.9.2-1	Santa Clara River Reaches	5.9.2-5
5.11-1	Examples of Typical A-Weighted Sound Levels	5.11-3
5.11-2	Noise Attenuation by Barriers and Elevation Differences	5.11-4
5.11-3	Noise Measurement Locations	5.11-11
5.11-4	Land Use Compatibility For Community Noise Environments	5.11-17
5.11-5	Noise Levels of Typical Construction Equipment	5.11-28
5.12.1-1	County of Los Angeles Library Facilities Closest to the Project Site	5.12.1-3
5.12.2-1	Castaic School District and Hart School District Attendance Boundaries	5.12.2-3
5.12.2-2	Castaic and Hart District School Locations	5.12.2-4
5.12.3-1	Sheriff/CHP Station Locations	5.12.3-3
5.12.4-1	Fire Facilities in the Project Area	5.12.4-3
5.13-1	Existing County Parks and Recreation Facilities in the Santa Clarita Valley Region	5.13-5
5.13-2	State and Federal Park Facilities	5.13-8
5.13-3	Existing and Proposed Trails in the Project Vicinity	5.13-13
5.14-1	Intersections Selected for Analysis	5.14-7
5.14-2a	Existing Intersection Traffic Volumes, AM Peak Hour	5.14-8
5.14-2b	Existing Intersection Traffic Volumes, PM Peak Hour	5.14-9
5.14-3	Existing Bus Service in the Project Area	5.14-12
5.14-4	Project Trip Distribution	5.14-24
5.14-5a	Existing with Project Intersection Traffic Volumes, AM Peak Hour	5.14-25
5.14-5b	Existing with Project Intersection Traffic Volumes, PM Peak Hour	5.14-26
5.14-6a	SR-126/Commerce Center Drive/Henry Mayo Drive Full-Movement Grade Separated Interchange	5.14-36
5.14-6b	SR-126/Commerce Center Drive/Henry Mayo Drive/ Full-Movement Grade Separated Interchange Future AM Peak Hour Traffic Volumes	5.14-39
5.14-6c	SR-126/Commerce Center Drive/Henry Mayo Drive Full-Movement Grade Separated Interchange Future PM Peak Hour Traffic Volumes	5.14-40
5.14-7a	Cumulative Traffic Volumes, AM Peak Hour	5.14-43
5.14-7b	Cumulative Traffic Volumes, PM Peak Hour	5.14-44
5.15.1-1	Santa Clara River Valley East Groundwater Subbasin	5.15.1-4
5.15.1-2	LACWWD 36 and VWC's Existing Service Area on the Project Site	5.15.1-5

LIST OF FIGURES (continued)

Figure		Page
5.15.2-1	Location of Landfills that Would Service the Project	5.15.2-5
5.15.3-1	Existing Wastewater Treatment Facilities	5.15.3-3
5.15.3-2	Projected Wastewater flow for the SCVSD Planning Area	5.15.3-4
5.15.4-1	Existing Above Ground Electrical Lines	5.15.4-3
5.15.4-2	Existing Natural Gas Lines Adjacent to the Project Site	5.15.4-6
6.0-1	Alternative 2 – Prior Entitlements Alternative	6.0-19
6.0-2	Alternative 3 – Alternate Grading – Reduced Density	6.0-45

LIST OF TABLES

Table		Page
ES-1	Project Development Summary	2.0-6
ES-2	Summary of Environmental Impacts, Mitigation Measures, and Level of Significance After Mitigation	2.0-13
3.0-1	List of Related Projects	3.0-39
3.0-2	Cumulative Development Summary	3.0-43
4.0-1	Project Development Summary	4.0-4
4.0-2	Los Valles Plant Palette	4.0-16
4.0-3	Other Agency Actions	4.0-49
5.2-1	State and Federal Ambient Air Quality Standards	5.2-3
5.2-2	Local Ambient Air Pollutant Concentrations	5.2-8
5.2-3	South Coast Air Quality Management District Regional Emission Thresholds	5.2-25
5.2-4	Umitigated Construction Emissions	5.2-28
5.2-5	Mitigated Construction Emissions	5.2-29
5.2-6	LST Analysis – Maximum Ambient Construction Pollutant Impacts at Sensitive Receptors	5.2-30
5.2-7	Unmitigated Operational Emissions	5.2-32
5.2-8	SCAQMD Localized Significnace Thresholds for SR 13	5.2-34
5.2-9	Carbon Monoxide Concentrations – Future Cumulative with Project Traffic	5.2-35
5.3-1	Special-Status Plant Species Recorded From the Project Vicinity	5.3-11
5.3-2	Special-Status Wildlife Recorded From the Project Vicinity	5.3-15
5.3-3	Project Impacts to On-Site Vegeation	5.3-49
5.3-4	On-Site Jurisdictional Areas	5.3-52
5.5-1	Off-Road Construction Equipment Diesel Fuel Consumption	5.5-20
5.5-2	Construction Worker Gasoline Consumption	5.5-21
5.5-3	Estimated Electricity Usage at Project Buildout	5.5-22
5.5-4	Total Natural Gas Usage at Buildout	5.5-23
5.5-5	Estimated Petroleum-based Fuel Usage at Project Buildout	5.5-24
5.5-6	SCE Energy Delivery from Renewable Resources	5.5-25
5.5-7	Total Off-Site Electricty Usage Associated with Water Usage	5.5-27
5.6-1	Cut Slope Stability	5.6-25
5.7-1	2000 and 2012 GHG Emissions in California	5.7-6
5.7-2	Comparison of Global Pre-Industrial and Current GHG Concentrations	5.7-7
5.7-3	Evaluation of Consistency of the Proposed Project with the Final Unincorporated Los Angeles County Community Climate Action Plan 2020	5.7-33
5.7-4	Esimated Construction Greenhouse Gas Emissions (Metric Tons CO_2e/year)	5.7-57
5.7-5	Esimated Project Operational GHG Emissions	5.7-63
5.7-6	Consistency with Applicable Greenhouse Gas Reduction Strategies	5.7-66
5.8-1	List of Closed Oil Wells on the Project Site	5.8-3
5.8-2	Description of Regulatory Agency Databases	5.8-12
5.9.1-1	Existing Drainages and Runoff Discharge	5.9.1-13
5.9.1-2	Percent Imperviousness for Selected Land Uses*	5.9.1-25
5.9.1-3	Post-Development Drainages and Runoff Discharge	5.9.1-37
5.9.1-4	Comparison of Acreage and Discharge – Existing Condition and Project	5.9.1-37

LIST OF TABLES (continued)

Table		Page
5.9.2-1	2010 CWA Section 303(d) List of Water Quality Limited Segments – Santa Clara River	5.9.2-6
5.10-1	Project Consistency with Adopted Los Angeles County General Plan	5.10-31
5.10-2	Project Consistency with the 2012 Santa Clarita Valley Area Plan	5.10-35
5.10-3	Project Consistency with Castaic Area Communitywide Development Standards*	5.10-113
5.10-4	Project Consistency with SCAG Regional Transportation Plan/ Sustainable Communities Strategy Visioning Principles	5.10-117
5.10-5	Project Consistency with SCAG Regional Comprehensive Plan and Guide Voluntary Local Government Best Practices	5.10-119
5.11-1	Noise Level Attenuation over Distance	5.11-2
5.11-2	Outside-to-Inside Noise Attenuation (dB(A))	5.11-5
5.11-3	24-Hour Monitored Ambient Noise Levels (Leq)	5.11-12
5.11-4	Existing Roadway Noise Levels	5.11-13
5.11-5	Los Angeles County Mobile Equipment Construction Noise (Non-Scheduled, Intermittent Activities – Less Than 10 Days)	5.11-18
5.11-6	Los Angeles County Mobile Equipment Construction Noise (Non-Scheduled, Intermittent Activities – 10 Days or More)	5.11-19
5.11-7	Los Angeles County Stationary Equipment Construction Noise	5.11-19
5.11-8	Los Angeles County Exterior Noise Standards	5.11-20
5.11-9	Projected Construction Noise Impacts at Hayward Drive Residences During Phase 1 Extension of Hayward Drive	5.11-27
5.11-10	Projected Construction Noise Impacts at Glendower Court Residences During Phase 1 Activities	5.11-29
5.11-11	Projected Construction Noise Impacts at June Rose Court Residences During Phase 1 Activities	5.11-29
5.11-12	Projected Construction Noise Impacts at Hayward Drive Residences During Phase 1 Activities (Excluding Paving of Hayward Drive)	5.11-30
5.11-13	Projected Construction Noise Impacts at Hayward Drive Residences During Phase 2 Activities	5.11-31
5.11-14	Projected Construction Noise Impacts at Barcelona Road Residences During Phase 3 Extension of Barcelona Road	5.11-31
5.11-15	Projected Construction Noise Impacts at Barcelona Road Residences During Phase 3 Activities	5.11-32
5.11-16	Projected Construction Noise Impacts at Glendower Court Residences During Phase 4 Activities	5.11-33
5.11-17	Projected Construction Noise Impacts from Hasley Canyon Road Grading and Utilities	5.11-35
5.11-18	Project Mobile Source Noise Impacts – dB(A)	5.11-38
5.11-19	Vibration Levels for Construction Equipment	5.11-39
5.11-20	Cumulative Year (2023) Mobile Source Noise Impacts	5.11-42
5.11-21	Projected Construction Noise Impacts at Hayward Drive Residences During Phase 1 Extension of Hayward Drive (Mitigated)	5.11-44
5.11-22	Projected Construction Noise Impacts at Barcelona Road Residences During Phase 3 Extension of Barcelona Road (Mitigated)	5.11-45
5.11-23	Projected Construction Noise Impacts from Hasley Canyon Road Grading and Utilities (Mitigated)	5.11-45

LIST OF TABLES (continued)

Table		Page
5.12.1-1	Existing Library Resources, County of Los Angeles	5.12.1-2
5.12.1-2	Cumulative Development Summary	5.12.1-9
5.12.2-1	Existing Design Capacities and Current Enrollment for the Castaic Union School District	5.12.2-2
5.12.2-2	Current Enrollment of William S. Hart Union High School District	5.12.2-5
5.12.2-3	Student Generation Rates for Castaic School District and Hart School District	5.12.2-8
5.12.2-4	Projected Student Population of Related Multi-Family Projects	5.12.2-12
5.12.2-5	Projected Student Population of Related Single-Family Projects	5.12.2-12
5.12.3-1	Cumulative Development Summary	5.12.3-13
5.12.4-1	Existing and Proposed Los Angeles County Fire Department Stations Located in the Project Vicinity	5.12.4-2
5.12.4-2	Cumulative Development Summary	5.12.4-14
5.13-1	Existing County Parks and Recreation Facilities in the Santa Clarita Valley	5.13-4
5.13-2	Proposed Quimby Parks in the Santa Clarita Valley	5.13-6
5.13-3	Existing and Proposed County Trails	5.13-11
5.14-1	Existing Study Intersection Levels of Service	5.14-6
5.14-2	Level of Service Definitions	5.14-13
5.14-3	County of Los Angeles Intersection Impact Threshold Criteria	5.14-14
5.14-4	Existing with Project Study Intersection Levels of Service	5.14-23
5.14-5	Existing with Project and Future with Project Hasley Canyon Road Entrance Levels of Service	5.14-28
5.14-6	Access Control Gates Queuing Analysis PM Peak Hour	5.14-29
5.14-7	Peak Hour Project Traffic Volumes at CMP Intersections (Operations)	5.14-33
5.14-8	Peak Hour Project Traffic Volumes on CMP Freeways	5.14-33
5.14-9	Peak Hour Project Traffic Queuing at CMP Freeway Off-Ramps	5.14-34
5.14-10	Cumulative Study Intersection Levels of Service	5.14-46
5.15.1-1	LACWWD 36's Historical Water Demands	5.15.1-3
5.15.1-2	Historical Saugus Formation Production (Municipal, Agricultural, and Other)	5.15.1-10
5.15.1-3	Total Imported Water Supplies Purchased from CLWA	5.15.1-12
5.15.1-4	Recycled Water Deliveries within CLWA's Service Area	5.15.1-16
5.15.1-5	Projected Total Project Water Demands (Normal Year)	5.15.1-27
5.15.1-6	Comparison of Water Demand Between Prior Entitlement and Project	5.15.1-30
5.15.1-7	Current and Projected LACWWD 36 Water Demands	5.15.1-31
5.15.1-8	CLWA's Projected Demands and Supplies - Normal Years (afy)	5.15.1-32
5.15.1-9	CLWA's Projected Demands and Supplies - Single Dry Years (afy)	5.15.1-33
5.15.1-10	CLWA's Projected Demands and Supplies - Multiple Dry Years (afy)	5.15.1-34
5.15.1-11	LACWWD 36's Projected Demands and Supplies - Normal Years (afy)	5.15.1-36
5.15.1-12	LACWWD 36's Projected Demands and Supplies - Single Dry Years (afy)	5.15.1-37
5.15.1-13	LACWWD 36's Projected Demands and Supplies - Multiple Dry Years (afy)	5.15.1-38
5.15.1-14	Summary of Projected Water Demands	5.15.1-41
5.15.2-1	Estimated Construction Waste Generation	5.15.2-16
5.15.2-2	Existing Capacity of Surrounding Class III Landfills	5.15.2-17
5.15.2-3	Projected Daily Solid Waste Generation	5.15.2-19
5.15.2-4	Projected Solid Waste Generation of Related Projects	5.15.2-22

LIST OF TABLES (continued)

Table		Page
5.15.3-1	Estimated Project Wastewater Generation	5.15.3-14
5.15.3-2	Related Projects Projected Wastewater Generation	5.15.3-16
5.15.4-1	Southern California Gas Company Supply and Demand Projections(Average Temperature Year)	5.15.4-4
5.15.4-2	Estimated Electricity Usage at Project Buildout	5.15.4-14
5.15.4-3	Total Natural Gas Usage at Buildout	5.15.4-15
5.15.4-4	Cumulative Development Electricity and Natural Gas Consumption	5.15.4-17
6.0-1	Comparison of EIR Alternatives	6.0-8
6.0-2	Unmitigated Construction Emissions - Alternative 2	6.0-23
6.0-3	Alternative 2 - Trip Generation	6.0-35
6.0-4	Summary of Volume to Capacity Ratios and Level of Service - AM and PM Peak Hour – Alternative 2	6.0-36
6.0-5	Alternative 2 – Projected Daily Solid Waste Generation	6.0-39
6.0-6	Alternative 2 Wastewater Generation	6.0-41
6.0-7	Unmitigated Construction Emissions – Alternative 3	6.0-48
6.0-8	Projected Student Population of Alternative 3	6.0-56
6.0-9	Alternative 3 – Trip Generation	6.0-59
6.0-10	Summary of Volume to Capacity Ratios and Levels of Service – AM and PM Peak Hours – Alternative 3	6.0-60
6.0-11	Alternative 3 – Water Demand	6.0-62
6.0-12	Alternative 3 – Projected Daily Solid Waste Generation	6.0-63
6.0-13	Alternative 3 - Electricity Usage at Buildout	6.0-64
6.0-14	Alternative 3 - Natural Gas Usage at Buildout	6.0-64
6.0-15	Alterative 3 - Wastewater Generation	6.0-65
6.0-16	Summary of Volume to Capacity Ratios and Level of Service - AM and PM Peak Hour – Alternative 4	6.0-77
6.0-17	Alternatives Impact Comparison Matrix	6.0-81