

Contents

	Page
Chapter 1	Introduction.....1-1
1.1	Purpose of This Document 1-1
1.2	Scope of This Document..... 1-1
1.3	Impact Terminology 1-2
1.4	Organization of This Document 1-16
1.5	Mitigation Monitoring and Reporting Plan 1-16
Chapter 2	Project Description.....2-1
2.1	Location and Description 2-1
2.2	Background..... 2-1
2.3	Purpose and Need 2-2
2.4	Characteristics 2-3
2.4.1	First Tier: Immediate Actions and Determined Future Actions 2-4
2.4.2	Second Tier: Long Term Stewardship and Park Expansion 2-4
2.4.3	Natural Resource Management Plan 2-4
2.4.4	Master Plan 2-9
2.5	Priority Projects 2-14
2.6	Environmental Measures 2-16
2.6.1	Measures to Minimize Effects of Construction- Related Noise..... 2-17
2.6.2	Erosion Control Measures to Protect Water Quality 2-17
2.6.3	Dust-Control Measures to Protect Air Quality 2-19
2.6.4	Sewage Control Measures to Protect Water Quality..... 2-20
2.7	Required Approvals and Permits 2-20
2.8	Public Involvement..... 2-21
Chapter 3	Environmental Checklist.....3-1
3.1	Land Use/General Plan..... 3-4
3.1.1	Setting 3-4
3.1.2	Discussion of Impacts and Mitigation..... 3-9
3.1.3	Discussion of Priority Project Impacts and Mitigation 3-11
3.2	Geology..... 3-12
3.2.1	Setting 3-12
3.2.2	Discussion of Impacts and Mitigation..... 3-14
3.2.3	Discussion of Priority Project Impacts and Mitigation 3-17
3.3	Resources/Parks..... 3-19
3.3.1	Setting 3-19
3.3.2	Discussion of Impacts and Mitigation..... 3-30

3.3.3	Discussion of Priority Project Impacts and Mitigation	3-32
3.4	Sewage/Water Quality	3-35
3.4.1	Setting.....	3-35
3.4.2	Discussion of Impacts and Mitigation.....	3-41
3.4.3	Discussion of Priority Project Impacts and Mitigation	3-43
3.5	Water Supply/Drainage/Flooding.....	3-47
3.5.1	Setting.....	3-47
3.5.2	Discussion of Impacts and Mitigation.....	3-48
3.5.3	Discussion of Priority Project Impacts and Mitigation	3-50
3.6	Biological Resources	3-53
3.6.1	Setting.....	3-53
3.6.2	Wildlife Movement.....	3-63
3.6.3	Discussion of Impacts and Mitigation.....	3-92
3.6.4	Discussion of Priority Project Impacts and Mitigation	3-104
3.7	Transportation.....	3-109
3.7.1	Setting.....	3-109
3.7.2	Discussion of Program Impacts and Mitigation.....	3-122
3.7.3	Discussion of Priority Project Impacts and Mitigation	3-124
3.8	Population/Housing.....	3-125
3.8.1	Setting.....	3-125
3.8.2	Discussion of Impacts and Mitigation.....	3-126
3.8.3	Discussion of Priority Project Impacts and Mitigation	3-126
3.9	Safety/Health	3-128
3.9.1	Setting.....	3-128
3.9.2	Discussion of Impacts and Mitigation.....	3-134
3.9.3	Discussion of Priority Project Impacts and Mitigation	3-136
3.10	Air Quality	3-139
3.10.1	Setting.....	3-139
3.10.2	Discussion of Impacts and Mitigation.....	3-149
3.10.3	Discussion of Priority Project Impacts and Mitigation	3-151
3.11	Noise.....	3-152
3.11.1	Setting.....	3-152
3.11.2	Discussion of Impacts and Mitigation.....	3-158
3.11.3	Discussion of Priority Project Impacts and Mitigation	3-162
3.12	Aesthetic	3-163
3.12.1	Setting.....	3-163
3.12.2	Discussion of Impacts and Mitigation.....	3-164
3.12.3	Discussion of Priority Project Impacts and Mitigation	3-167
3.13	Energy.....	3-168
3.13.1	Setting.....	3-168
3.13.2	Discussion of Impacts and Mitigation.....	3-170
3.13.3	Discussion of Priority Project Impacts and Mitigation	3-170
3.14	Historical/Archaeological.....	3-172
3.14.1	Introduction—Cultural Resources	3-172
3.14.2	Setting.....	3-172
3.14.3	Discussion of Impacts and Mitigation.....	3-180
3.14.4	Discussion of Priority Project Impacts and Mitigation	3-184
3.15	Public Services and Utilities.....	3-186
3.15.1	Setting.....	3-186
3.15.2	Discussion of Impacts and Mitigation.....	3-194
3.15.3	Discussion of Priority Project Impacts and Mitigation	3-195

	3.16 Mandatory Findings of Significance	3-197
	3.17 Initial Study Source List*	3-199
Chapter 4	References	4-1
	4.1 Printed Documents	1
	4.2 Personal Communications	11
Chapter 5	Responses to Comments.....	5-1
	5.1 Introduction	5-1
	5.1.1 Letter 1: Jim Arthur (E-mail dated November 12, 2006)	5-1
	5.1.2 Letter 2: California Department of Fish and Game (Dated November 21, 2006).....	5-3
	5.1.3 Letter 3: California Department of Transportation (Dated November 21, 2006).....	5-3
	5.1.4 Letter 4: Libby Lucas (Dated December 4, 2006)	5-4
	5.1.5 Letter 5: Libby Lucas (Dated December 5, 2006)	5-9
	5.1.6 Letter 6: San Francisco Regional Water Quality Control Board (Dated December 5, 2006)	5-10
	5.1.7 Letter 7: Santa Clara Valley Water District (Dated December 5, 2006)	5-11
	5.1.8 Letter 8: U.S. Fish and Wildlife Service (Dated December 5, 2006)	5-21
	5.1.9 Letter 9: Jan Hintermeiser (Dated December 6, 2006)	5-42
Appendix A	Santa Clara County General Plan 1995–2010 Eminent Domain Policies	
Appendix B	Natural Resources Management Plan: Resources Management Zones	
	Figures B-1 through B17	
Appendix C	Natural Resources Management Plan: Actions and Priorities	
	Table C-1: Resource Management Actions and Priorities	
Appendix D	Master Plan: Actions and Priorities	
	Table D-1: Public Access Actions and Priorities	
	Table D-2: Setback Guidelines for Riparian Habitat Corridor Protection	
	Table D-3: Coyote Creek Trail System Actions and Priorities	