

Draft Program EIR for theCity of Santa Clarita's
Proposed One Valley One Vision General Plan

SCH# 2008071133

Volume V

Appendix 3.13 (continued)– 6.0

One Valley One Vision
2010

Prepared for:
City of Santa Clarita
Community Development
23920 Valencia Boulevard
Santa Clarita, California 91355-2175
Attn: Jason Smisko, Senior Planner

Prepared by:



IMPACT SCIENCES, INC.
803 Camarillo Springs Road, Suite A
Camarillo, California 93012
(805) 437-1900 FAX (805) 437-1901

September 2010

One Valley One Vision
2010

Draft Program EIR
for theCity of Santa Clarita's
Proposed One Valley One Vision
General Plan

SCH# 2008071133

Volume V
Appendix 3.13 (continued)–6.0

September 2010



IMPACT SCIENCES, INC.
803 Camarillo Springs Road, Suite A
Camarillo, California 93012
(805) 437-1900 FAX (805) 437-1901

Draft Program EIR for the City of Santa Clarita's Proposed One Valley One Vision General Plan

SCH# 2008071133

Volume V Appendix 3.13 (continued)–6.0

Prepared for:

City of Santa Clarita
Community Development
23920 Valencia Boulevard
Santa Clarita, California 91355-2175
Attn: Jason Smisko, Senior Planner

Prepared by:

Impact Sciences, Inc.
803 Camarillo Springs Road, Suite A
Camarillo, California 93012

September 2010

TABLE OF CONTENTS

Volume I

Section	Page
EXECUTIVE SUMMARY	ES-1
1.0 INTRODUCTION.....	1.0-1
2.0 PROJECT DESCRIPTION.....	2.0-1
3.0 ENVIRONMENTAL IMPACT ANALYSIS	3.0-1
3.1 Land Use.....	3.1-1
3.2 Transportation and Circulation.....	3.2-1
3.3 Air Quality	3.3-1
3.4 Global Warming and Climate Change	3.4-1
3.5 Agricultural Resources.....	3.5-1
3.6 Aesthetics	3.6-1
3.7 Biological Resources	3.7-1
3.8 Cultural Resources.....	3.8-1
3.9 Geology, Soils, Seismicity	3.9-1
3.10 Mineral Resources.....	3.10-1
3.11 Human Made Hazards.....	3.11-1
3.12 Hydrology and Water Quality	3.12-1
3.13 Water Service.....	3.13-1
3.14 Community Services.....	3.14-1
3.15 Public Services.....	3.15-1
3.16 Parks and Recreation	3.16-1
3.17 Utilities and Infrastructure	3.17-1
3.18 Noise	3.18-1
3.19 Population and Housing.....	3.19-1
4.0 CUMULATIVE IMPACTS	4.0-1
5.0 EFFECTS FOUND NOT TO BE SIGNIFICANT	5.0-1
6.0 ALTERNATIVES	6.0-1
7.0 UNAVOIDABLE SIGNIFICANT IMPACTS	7.0-1
8.0 SIGNIFICANT IRREVERSIBLE ENVIRONMENTAL CHANGES	8.0-1
9.0 GROWTH-INDUCING IMPACTS.....	9.0-1
10.0 LIST OF PREPARERS	10.0-1
11.0 REFERENCES.....	11.0-1

Appendices

Volume II

- 1.0 Notice of Preparation, Responses to the NOP, Scoping Meeting Information, and Public Workshops
 - Notice of Preparations for the Draft Environmental Impact Report
 - Scoping Meeting Notes Summary of Verbal Comments and Flyer; dated August 12, 2008
 - Ventura County Office of Agricultural Commissioner Comment on NOP; dated August 8, 2008
 - OVOV Noise Element Questions, submitted by Bob Werner; dated February 17, 2009
 - Ventura County Public Works Agency, Transportation Department, Comment on NOP; dated August 14, 2008
 - City Comments
 - Friends of the Santa Clara River Comment on NOP; dated August 25, 2008
 - Ventura County Air Pollution Control District Comment on NOP; dated August 26, 2008
 - Caltrans Comment on NOP; dated August 28, 2008
 - South Coast Air Quality Management District Comment on NOP; dated July 31, 2008
 - Ventura County Watershed Protection District Comment on NOP; dated August 26, 2008
 - Ventura County Watershed Protection District Comment on NOP; dated September 2, 2008
 - Agua Dulce Town Council Comment on NOP; dated September 11, 2008
 - Los Angeles County Department of Public Works Comment on NOP; dated September 22, 2008
 - OVOV November 2008 Workshop Comment Cards
 - PCPOA OVOV Concerns; dated December 23, 2008
 - Thomas M. Surak Comment on NOP; dated May 27, 2009
 - Valley Industrial Association Letter to the City of Santa Clarita; dated February 6, 2009
- 3.2 One Valley One Vision Valley-wide Traffic Study, prepared by Austin-Foust Associates, Inc.; dated June 2010
- 3.3 Air Quality Emission Calculations
- 3.4 Global Climate Change Documentation
 - Greenhouse Gas Emission Calculations
 - Comparison of CAPCOA Greenhouse Gas Policies with One Valley One Vision
- 3.9 Soil Types and Characteristics of the City's Planning Area
- 3.13 Water Service Information
 - California's Groundwater Bulletin 118, Update 2003, October 2003
 - 2005 Urban Water Management Plan
 - Analysis of Groundwater Basin Yield, Upper Santa Clara River Groundwater Basin, East Subbasin; dated August 2005

Volume III

- 3.13 Water Service Information (continued)
- California Department of Water Resources, "State Water Project Delivery Reliability Report 2007" (August 2008)
- Luhdorf & Scalmanini Technical Memorandum: Potential Capture of Perchlorate Contamination, Valencia Water Company Wells E14-E17; April 26, 2006
- Water Supply Contracts Between the State of California Department of Water Resources and CLWA including Amendment No. 18 (41,000 Acre-Feet Water Transfer)
- California Court of Appeals, Second District, Division Four, "*Friends of the Santa Clara River v. Castaic Lake Water Agency* (2002 95 Cal.App.4th 1373" (2002)
- Los Angeles County Supreme Court, "Judgement Granting Preemptory Writ of Mandate, *Friends of the Santa Clara River v. Castaic Lake Water Agency*, Case No. BS056954" (October 25, 2002)
- Memorandum of Understanding Between the Santa Clara River Valley Upper Basin Water Purveyors and United Water Conservation District, August 2001
- California Court of Appeal, Second District, Division Four, "*Friends of the Santa Clara River v. Castaic Lake Water Agency*, Appellate No. B164027" (December 1, 2003)
- Los Angeles County Superior Court, "Statement of Decision, *California Water Impact Network v. Castaic Lake Water Agency*, Case No. BS098724" (April 2, 2007)
- Luhdorff & Scalmanini Consulting Engineers, "2009 Santa Clarita Valley Water Report" (May 2010)
- Groundwater Management Plan, Santa Clara River Valley Groundwater Basin, dated December 2003
- CH2MHill, "Regional Groundwater Flow Model for the Santa Clarita Valley: Model Development and Calibration" (April 2004)
- CH2MHill, "Calibration Update of the Regional Groundwater Flow Model for the Santa Clarita Valley, Santa Clarita, California" (August 2005)
- CH2MHill, "Analysis of Groundwater Basin Yield, Upper Santa Clara River Groundwater Basin, East Subbasin, Los Angeles County, California" (August 2005)
- Luhdorff & Scalmanini Consulting Engineers, "Impact and Response to Perchlorate Contamination, Valencia Water Company, Well Q2" (April 2005)
- CH2MHill, "Analysis of Near-Term Groundwater Capture Areas for Production Wells Located Near the Whittaker-Bermite Property (Santa Clarita, California)" (December 21, 2004)
- Geomatrix, "Letter to the Department of Toxic Substances Control Regarding the Former Whittaker-Bermite Facility, Santa Clarita, CA – Summary Report for Month of November 2007" (January 15, 2008)
- United States Environmental Protection Agency, "Perchlorate Update" (March 2002)
- Carollo Engineers, "Treatment of Perchlorate Contaminated Groundwater from the Saugus Aquifer, Technical Memorandum No. 3 Bench and Pilot Test Results" (February 2004)
- California Department of Water Resources, "Bulletin 132-04, Management of the California State Water Project" (September 2005)

Volume III (continued)

- 3.13 Water Service Information (continued)
United States District Court, Eastern District of California, "*Natural Resources Defense Council v. Kempthorne*, 506 F.Supp.2d 322 (E.D. Cal. 2007)" ("2007 Wanger decision")
California Court of Appeal, Second District, Division Six, "*Santa Clarita Organization for Planning the Environment v. County of Los Angeles* (2007) 157 Cal.App.4th 149" (2007)
California Court of Appeal, Second District, Division Three, "*Sierra Club, et al. v. City of Santa Clarita, et al.*, Case No. B194771" (January 2008)

Volume IV

- 3.13 Water Service Information (continued)
CM2MHill, "Effect of Urbanization on Aquifer Recharge in the Santa Clarita Valley" (February 22, 2004)
Luhdorff & Scalmanini Consulting Engineers, "Evaluation of Groundwater Recharge Methods for the Saugus Formation in the Newhall Ranch Specific Plan Area" (March 2006)
The California Oak Foundation et al., v. City of Santa Clarita; Gate King Properties et al. Opinion
CH2MHill Final Report, Analysis of Perchlorate Containment in Groundwater Near the Whittaker-Bermite Property, December 2004
CLWA Treatment Plant Operations and Maintenance Memorandum, October 1, 2008
Summary Report Letter from AMEC Geomatrix Regarding the Former Whittaker-Bermite Facility, October 2008
Monterey Settlement Agreement
Governor's Press Release, "Gov. Schwarzenegger Directs Immediate Actions to Improve the Deteriorating Delta, California's Water Supply," July 17, 2007
United States District Court, Eastern District of California, "*Pacific Coast Federation of Fishermen's Associations, et al. v. Gutierrez, et al.*, No. 06-CV-00245-OWW-GSA (E.D. Cal. 2008)" ("2008 Wanger decision")
Los Angeles County Superior Court, "*Sierra Club, et al. v. City of Santa Clarita*, Case No. BS 098722" (August 14, 2006)
CLWA Letter to the Los Angeles County Department of Regional Planning Regarding Availability of Future Water Supplies in the Santa Clarita Valley, February 5, 2008
2009 Basin Yield Update
California Court of Appeal, Second District, Division Five, *California Water Impact Network, Inc., v. Castaic Lake Water Agency*, Case No. B205622
Castaic Lake Water Agency Litigation Settlement Agreement
Order Granting Joint Motion for Court Approval, Good Faith Settlement Determination and Entry of Consent Order, July 16, 2007
Stipulation to Dismiss Plaintiffs' Claims and Defendants' Counterclaim, August 20, 2007
AMEC Geomatrix, Progress Letter Report from Hassan Amini, Ph.D., Project Coordinator, to DTSC, September 15, 2009
CLWA News Release, September 14, 2009

Volume IV (continued)

- 3.13 Water Service Information (continued)
 - AMEC Geomatrix, Progress Letter Report from Hassan Amini, Ph.D., Project Coordinator, to DTSC, June 8, 2009
 - CLWA Memorandum from Brian J. Folsom to CLWA Board of Directors, October 1, 2009
 - DWR, Bulletin 132-06, Management of the California State Water Project, December 2007
 - Biological Opinion for the Delta smelt, 2008

Volume V

- 3.13 Water Service Information (continued)
 - Biological Opinion for the Chinook salmon/sturgeon
 - NOAA/NMFS release summarizing the 2009 Biological Opinion, June 4, 2009
 - DWR release responding to the 2009 Biological Opinion, June 4, 2009
 - SWP Contractors' release concerning the litigation filed challenging the 2009 Biological Opinion, August 6, 2009
 - Coalition for a Sustainable Delta/Kern County Water Agency release concerning the litigation filed challenging the 2009 Biological Opinion, August 28, 2009
 - DWR, 2009 Comprehensive Water Package, Special Session Policy Bills and Bond Summary, November 2009
 - Office of the Governor's release regarding passage of history comprehensive water package, November 4, 2009
- 3.18 Draft City of Santa Clarita General Plan Noise Element, February 2009
- 6.0 Project Alternatives Air Quality and Climate Change Calculations
 - Alternative 2 Air Quality and Climate Change Calculations
 - Alternative 3 Air Quality and Climate Change Calculations