

## 9—REFERENCE AND RESOURCES

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### **“Executive Summary”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- Lone Star Industries, Inc. 1986 (October 13). *Reclamation Plan*. Pleasanton, CA. Prepared by Bissell and Karn, Inc., San Leandro, CA.

### **Chapter 1, “Introduction”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- Alameda County. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.
- Brown and Caldwell. 2018 (August). *Improvement Plans for Eliot Facility Arroyo Del Valle Realignment Project (CEMEX), Alameda County, California, 95% Design Drawings*.
- CEMEX Construction Materials Pacific, LLC (CEMEX). 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group, McClellan, CA.
- Lone Star Industries, Inc. 1986 (October 13). *Reclamation Plan*. Pleasanton, CA. Prepared by Bissell and Karn, Inc., San Leandro, CA.

### **Chapter 2, “Project Description”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.
- \_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 2013 (April 25). *Lake B Corrective Action Plan*. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 2020 (May 26). Parcel Viewer. Alameda County Assessor’s Office. Available: [http://gis.acgov.org/Html5Viewer/index.html?viewer=parcel\\_viewer](http://gis.acgov.org/Html5Viewer/index.html?viewer=parcel_viewer). Accessed May 26, 2020.

Andrade, Louis. Planner III. Alameda County, Oakland, CA. January 28, 2019—personal communication by phone and electronic mail with Sage Thurmond of Compass Land Group regarding Planned Development district allowed uses.

CEMEX. 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group. McClellan, CA.

Cotton, Shires & Associates. 2007 (August 8). *Lakeside Circle Corrective Action Plan for Lake A*. Approved November 9, 2007. Alameda County Planning Department, Hayward, CA.

Lone Star Industries, Inc. 1986 (October 13). *Reclamation Plan*. Pleasanton, CA. Prepared by Bissell and Karn, Inc., San Leandro, CA.

### **Chapter 3, “Terminology, Approach, and Assumptions”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.

### **Chapter 4, “Environmental Analysis”**

No references.

#### **Section 4.1, “Aesthetics and Visual Resources”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.

\_\_\_\_\_. 1994 (May 5). *Scenic Route Element of the General Plan*. Adopted May 5, 1966, amended May 5, 1994 (Resolution 94-272). Oakland, CA.

\_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.

California Department of Transportation (Caltrans). 2020. Scenic Highways. Available: <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>. Accessed March 9, 2020.

#### **Section 4.2, “Air Quality”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

- \_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.
- Bay Area Air Quality Management District (BAAQMD). 2017 (April 19). *Spare the Air—Cool the Climate: A Blueprint for Clean Air and Climate Protection in the Bay Area*. Final 2017 Clean Air Plan. Adopted April 19, 2017.
- \_\_\_\_\_. 2019a (December). Air District Air Quality Data. Pleasanton (Owens Ct.) air monitoring station (ID 06-001-0015). Available: <https://www.baaqmd.gov/about-air-quality/current-air-quality/air-monitoring-data/#/air-quality-home>. Accessed December 2019.
- \_\_\_\_\_. 2019b (December). Air Quality Standards and Attainment Status. Available: <http://www.baaqmd.gov/about-air-quality/research-and-data/air-quality-standards-and-attainment-status>. Accessed December 2019.
- \_\_\_\_\_. 2020a (July 31). *California Environmental Quality Act (CEQA) Air Quality Guidelines*. San Francisco, CA: May 2017. [https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa\\_guidelines\\_may2017-pdf.pdf?la=en](https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en). Accessed July 31, 2020.
- \_\_\_\_\_. 2020b (October 21). Pollutant Glossary. Available at: <https://www.baaqmd.gov/about-air-quality/glossary>. Accessed October 21, 2020.
- California Air Resources Board (CARB). 2015 (March 17). *User Manual for the Hotspots Analysis and Reporting Program Air Dispersion Modeling and Risk Assessment Tool*. Version 2.
- \_\_\_\_\_. 2016. *Ambient Air Quality Standards*. May 4, 2016.
- \_\_\_\_\_. 2020 (September 22). *Guide to Off-Road Vehicle & Equipment Regulations*. Available at <https://ww3.arb.ca.gov/msprog/offroadzone/offroadzone.htm>. Accessed September 22, 2020.
- Caltrans, District 4. 2008. *State Route 84 Expressway Widening Project Initial Study/Negative Declaration and Finding of No Significant Impact*. September 2008.
- Compass Land Group. 2019. *Air and Greenhouse Gas Emissions Study, Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. Prepared for RMC Pacific Materials, LLC.
- \_\_\_\_\_. 2020 (June). *Public Health Risk Assessment, Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. Prepared for RMC Pacific Materials, LLC.
- U.S. Environmental Protection Agency (EPA). 2012. Six Common Air Pollutants – Ground Level Ozone – Health Effects. Last updated November 01, 2012.
- \_\_\_\_\_. 2013a. *America’s Children and the Environment, Third Edition*. EPA 240-R-13-001. U.S. Environmental Protection Agency. January 2013.
- \_\_\_\_\_. 2013b. Six Common Air Pollutants – Nitrogen Dioxide – Health.
- Yorke Engineering, LLC. 2019 (May 17). Revised Review of CEQA Air and Greenhouse Gas Emissions Study Report. May 17, 2019.

### Section 4.3, “Biological Resources”

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.
- \_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.
- Alameda County Water District. 2020. “Current Fish Passage and Related Projects.” Available at: <https://www.acwd.org/456/Current-Fish-Passage-Related-Projects>. Accessed November 17, 2020.
- Alameda Creek Alliance. 2020. “Northern Watershed Arroyos.” Available at <http://www.alamedacreek.org/restoration-progress/northern-watershed-arroyos.htm#>. Accessed October 1, 2020.
- Brown and Caldwell. 2020. *Eliot Quarry Hydraulic Design Study*. Alameda County, California. December 17, 2018. Revised January 19 and March 4, 2020.
- California Department of Fish and Game (CDFG). Letter dated February 7, 1979. Cited in Alameda County 1981.
- California Department of Fish and Wildlife (CDFW). 2017. California Natural Diversity Data Base (CNDDB: Livermore, Diablo, Tassajara, Byron Hot Springs, Mendenhall Springs, Altamont, La Costa Valley, Niles, and Dublin. U.S. Geological Survey (USGS) 7.5-minute series quadrangles), Sacramento, CA. Accessed November 9, 2017. Cited in Foothill Associates 2019.
- California Native Plant Society (CNPS). 2017. Inventory of Rare Plants in California (online edition, v8-02). Available: <https://www.cnps.org/rare-plants/cnps-inventory-of-rare-plants>. Accessed November 9, 2017. Cited in Foothill Associates 2019.
- \_\_\_\_\_. 2018. *Platanus racemosa* Woodland Alliance California sycamore woodlands. Accessed August 17, 2018. Cited in Foothill Associates 2019.
- Californiaherps. 2017. A Guide to the Amphibians and Reptiles of California. Available: <http://californiaherps.com>. Accessed November 6, 2017. Cited in Foothill Associates 2019.
- CEMEX. 2019 (March). Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group. McClellan, CA.
- East Bay Regional Park District (EBRPD). 2020. Anthony Chabot Bald Eagles are Nesting Again, Raising Another Baby. Available at: [https://www.ebparks.org/about/stewardship/wildlife/anthony\\_chabot\\_bald\\_eagles\\_are\\_nesting\\_again\\_raising\\_another\\_baby.htm](https://www.ebparks.org/about/stewardship/wildlife/anthony_chabot_bald_eagles_are_nesting_again_raising_another_baby.htm). Accessed January 12, 2020.
- eBird. 2017. Species Maps. Available at: <http://ebird.org/ebird/map/>. Accessed November 2017. Cited in Foothill Associates 2019. Foothill Associates. 2019. *Biological Resources Assessment, ±920-Acre Eliot Facility Plan Area, Alameda County, California*. December 2019.

- Hanson, C.H., J. Sowers, and A. Pastron. 2004. *Evaluation of the potential historic and current occurrence of steelhead within the Livermore-Amador Valley*. Prepared for Zone 7 Water Agency. Cited in Foothill Associates 2019.
- HELIX Environmental, Inc. (HELIX). 2020a. *±920-Acre Eliot Facility Plan Boundary, Aquatic Resources Delineation Report*. March 2020.
- \_\_\_\_\_. 2020b. *Addendum to the Biological Resources Assessment for the 920-Acre Eliot Facility Plan Area, in Alameda County, California*. March 23, 2020.
- \_\_\_\_\_. 2019. *East Bay Regional Conservation Investment Strategy*. Public Draft. Prepared for California State Coastal Conservancy. February 2019.
- San Francisco Estuary Institute (SFEI). 2013. *Alameda Creek Watershed Historical Ecology Study*. Cited in Brown and Caldwell 2020.
- San Francisco Public Utilities Commission (SFPUC). 2020. Alameda. Regional Watersheds. Available at: <https://sfwater.org/index.aspx?page=198>. Accessed January 12, 2020.
- U.S. Army Corps of Engineers (USACE). 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0). U.S. Army Engineer Research and Development Center. Vicksburg, MS. Cited in Helix 2020b.
- U.S. Bureau of Reclamation (USBR). 2006 (April). Water Resources Technical Publication “Fish Protection at Water Diversions.” *A Guide for Planning and Designing Fish Exclusion Facilities*. U.S. Department of the Interior. April 2006. Accessed 2020 at: [http://www.usbr.gov/pmts/hydraulics\\_lab/pubs/manuals/fishprotection/](http://www.usbr.gov/pmts/hydraulics_lab/pubs/manuals/fishprotection/). Cited in Brown and Caldwell 2020.
- U.S. Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS). 1966. *Soil Survey of the Alameda Area, California*. USDA, NRCS, in cooperation with the Regents of the University of California (Agricultural Experiment Station).
- U.S. Fish and Wildlife Service (USFWS). 1992. *Classification of Wetlands and Deepwater Habitats of the United States*. Department of the Interior. Originally prepared in December 1979. Reprinted 1992. Available online at: <https://www.fws.gov/wetlands/Documents/Classification-of-Wetlands-and-Deepwater-Habitats-of-the-United-States.pdf>. Cited in Helix 2020a.
- WRA, Inc. 2016. *CEMEX Eliot Mine Project: Results of Focused Rare Plant Survey for Congdon’s Tarplant*. August 10, 2016. Cited in Foothill Associates 2019.
- Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1988-1990. *California’s Wildlife*. Vol. I-III. CDFG, Sacramento, California. Cited in Foothill Associates 2019.
- Zone 7 Water Agency (Zone 7). 2020. “Fisheries Enhancement.” Available at: <http://www.zone7water.com/watershed-environment/54-fisheries-enhancement>. Accessed October 1, 2020.

**Section 4.4, “Geology and Soils”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.
- \_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.
- California Geological Survey (CGS). 2008. *Guidelines for Evaluating and Mitigating Seismic Hazards in California*, Special Publication 117A. Sacramento, CA. Cited in Kane 2015.
- \_\_\_\_\_. 2015. CGS Information Warehouse: Regulatory Maps. Available: <http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps>. Accessed January 21, 2016.
- CEMEX. 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group, McClellan, CA.
- \_\_\_\_\_. 2020. 2020 Annual Compliance Review for Compliance Year 2019. Eliot Quarry (SMP-23). CA Mine ID#91-01-0009. Prepared by Compass Land Group. Submitted to Alameda County Community Development Agency on June 23, 2020.
- California Department of Water Resources (DWR). 1966. *Livermore and Sunol Valleys, Evaluation of Groundwater Resources*, Bulletin No. 118-2, Appendix A: Geology. Sacramento, CA. Cited in EMKO 2020.
- EMKO Environmental, Inc. (EMKO). 2020 (March). *Groundwater Hydrology and Water Quality Analysis Report for The Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. El Dorado Hills, CA.
- Geocon Consultants Inc. (Geocon). 2019a. *Geotechnical Investigation SMP-23 Reclamation, Alameda County California*.
- \_\_\_\_\_. 2019b. *Geotechnical Investigation/Slope Stability Analysis, Cemex Eliot – Arroyo Del Valle Realignment at Lake B, Alameda, California*.
- International Code Council. 2018. *2018 International Building Code*. Albany, NY: Delmar Publishers.
- Jones and Stokes. 2005 (September). *Groundwater Management Plan for Livermore-Amador Valley Groundwater Basin*. Sacramento, CA. Prepared for Zone 7, Livermore, CA. Cited in EMKO 2020.
- Parrish, J. G. 2008 (August 27). *Seismic Hazard Zone, Livermore Quadrangle. 1:24,000 Scale*. Sacramento: CGS.

Stinson, M. C., M. W. Manson, and J. J. Plappert. 1982. Mineral Land Classification Map, Aggregate Resources Only. Special Report 146, Plate 2.14, Livermore Quadrangle. Reduced from 1:24,000 Scale. Sacramento: Division of Mines and Geology.

USGS. 1989. *Study and Interpretation of the Chemical Characteristics of Natural Water*. Water-Supply Paper 2254. Cited in EMKO 2020a.

U.S. Soil Conservation Service (SCS). 1966 (March). *Soil Survey, Alameda Area, California*. Soil Survey Series 1961, No. 41. Issued March 1966. In cooperation with the University of California Agricultural Experiment Station.

Zone 7. 2011. *Hydrostratigraphic Investigations of the Aquifer Recharge Potential for Lakes C and D of the Chain of Lakes, Livermore, California*. Livermore, CA. Cited in EMKO 2020.

#### **Section 4.5, “Greenhouse Gas”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 2014. *Alameda County (Unincorporated Areas) Community Climate Action Plan*. February 4, 2014.

BAAQMD. 2020 (July 31). *California Environmental Quality Act (CEQA) Air Quality Guidelines*. San Francisco, CA: May 2017. [https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa\\_guidelines\\_may2017-pdf.pdf?la=en](https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en). Accessed July 31, 2020.

California Climate Change Center (CCCC). 2006. *Our Changing Climate: Assessing the Risks to California*, CEC-500-2006-077.

California Natural Resources Agency (CNRA). Safeguarding California: Reducing Climate Risk. July 2014. CEMEX. 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group, McClellan, CA.

CARB. 2017 (November). *California’s 2017 Climate Change Scoping Plan*.

\_\_\_\_\_. 2019. *California Greenhouse Gas Emissions: 2000 to 2017*. 2019 Edition.

\_\_\_\_\_. 2020 (September). AB 32 Climate Change Scoping Plan. CARB website. Available at <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan>. Accessed September 23, 2020.

Climate Analysis Indicators Tool (CAIT). 2014. Version 2.0. Total GHG Emissions Excluding Land-Use Change and Forestry – 2011. World Resources Institute: Washington, DC.



- Compass Land Group. 2019. *Air and Greenhouse Gas Emissions Study, Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. December 2019. Prepared for RMC Pacific Materials, LLC.
- Council on Environmental Quality (CEQ). 2019 (June). Guidance on Consideration of Greenhouse Gases. Available at [https://ceq.doe.gov/guidance/ceq\\_guidance\\_nepa-ghg.html](https://ceq.doe.gov/guidance/ceq_guidance_nepa-ghg.html). Accessed September 23, 2020.
- EPA. 2014 (August). *Partnership for Sustainable Communities: Five Years of Learning From Communities and Coordinating Federal Investments*. Fifth Anniversary Report. Office of Sustainable Communities.
- \_\_\_\_\_. 2020a. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2019*. April 13, 2020.
- \_\_\_\_\_. 2020b. (September 24). “Pollutants and Sources.” Technology Transfer Network - Air Toxics Web Site. Available at <https://www3.epa.gov/ttn/atw/pollsour.html>. Accessed September 24, 2020.
- \_\_\_\_\_. 2020c. (September 25). “Compliance for Industrial, Commercial, and Institutional Area Source Boilers.” Sources of Stationary Air Pollution. Available at <https://www.epa.gov/stationary-sources-air-pollution/compliance-industrial-commercial-and-institutional-area-source#AreaSource>. Accessed September 25, 2020.
- \_\_\_\_\_. 2020d (September 28). “Sources of Greenhouse Gas Emissions.” GHG Emissions. Available at <https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions>. Accessed September 28, 2020.
- \_\_\_\_\_. 2020e. (December 22). “Summary of the Energy Independence and Security Act.” Laws and Regulations. Available at: <https://www.epa.gov/laws-regulations/summary-energy-independence-and-security-act>. Accessed December 22, 2020.
- \_\_\_\_\_. 2020f (December 28). “Clean Air Act Permitting for Greenhouse Gases.” New Source Review Permitting. Available at: <https://www.epa.gov/nsr/clean-air-act-permitting-greenhouse-gases>. Accessed December 28, 2020.
- Intergovernmental Panel on Climate Change (IPCC). *Climate Change 2007: Impacts, Adaptation, and Vulnerability*. 2007.
- \_\_\_\_\_. 2018. *Summary for Policymakers*. In: Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty [Masson-Delmotte, V., P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, and T. Waterfield (eds.)]. In Press.
- Jensen, Bruce. 2020 (December 10). Senior Planner. Alameda County Community Development Department. Alameda County, CA. December 10, 2020—email to Bruce Steubing and Shelby Kendrick of Benchmark Resources regarding screencheck comments.
- Kiparsky, M. and P. Gleick. 2003. *Climate Change and California Water Resources: A Survey and Summary of the Literature*.

National Highway and Traffic Safety Administration (NHTSA). 2020 (December 22). “Corporate Average Fuel Economy.” Laws and Regulations. Available at: <https://www.nhtsa.gov/laws-regulations/corporate-average-fuel-economy>. Accessed December 22, 2020.

Yorke Engineering, LLC. 2019 (May 17). *Revised Review of CEQA Air and Greenhouse Gas Emissions Study Report*. May 17, 2019.

#### **Section 4.6, “Hydrology and Water Quality”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA. Cited in EMKO 2020.

\_\_\_\_\_. 1994 (May 5). *Conservation Element of the Alameda County General Plan*. Adopted November 23, 1976, amended May 5, 1994 (Resolution 94-272). Oakland, CA.

\_\_\_\_\_. 2002 (May). *East County Area Plan*. Oakland, CA.

\_\_\_\_\_. 2014 (February 4). *Safety Element of the Alameda County General Plan*. Adopted January 8, 2013, amended February 4, 2014. Oakland, CA.

Brown and Caldwell. 2004 (August). *Pleasanton Quarry Hydrogeologic Data Evaluation for Calmat Co. dba Vulcan Materials Company, Western Division*. Final Report.

\_\_\_\_\_. 2019. *2013 Becker Hammer and 2018 Sonic Drill Logs, Eliot Quarry, Pleasanton, CA*. Assembled by Brown and Caldwell.

\_\_\_\_\_. 2020. *Eliot Quarry Hydraulic Design Study*. Alameda County, California. December 17, 2018. Revised January 19 and March 4, 2020. Cited as Brown and Caldwell 2019 in EMKO 2020a.

CEMEX. 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group, McClellan, CA.

\_\_\_\_\_. 2020. *2020 Annual Compliance Review for Compliance Year 2019. Eliot Quarry (SMP-23). CA Mine ID#91-01-0009*. Prepared by Compass Land Group. Submitted to Alameda County Community Development Agency on June 23, 2020.

Cotton Shires and Associates. 2006 (July 21). *CSA Technical Memorandum No. 12, CEMEX - Eliot Quarry, Area 4 Slope Stability Analysis of Section 40+20'*. July 21, 2006. Cited in Kleinfelder 2020.

DWR. 1966. *Livermore and Sunol Valleys, Evaluation of Groundwater Resources*, Bulletin No. 118-2, Appendix A: Geology. Sacramento, CA. Cited in EMKO 2020a.

\_\_\_\_\_. 1974. *California's Groundwater*, Bulletin No. 118-2, Evaluation of Groundwater Resources: Livermore and Sunol Valleys. Sacramento, CA. Cited in EMKO 2020a.

- \_\_\_\_\_. 1975. *Vegetative Water Use in California, 1974*. Bulletin 113-3. Sacramento, CA. Cited in EMKO 2020a.
- EMKO. 2020a (March). *Groundwater Hydrology and Water Quality Analysis Report for the Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. El Dorado Hills, CA.
- \_\_\_\_\_. 2020b (July 6). *Adaptive Management Program to address the potential for elevated iron concentrations to occur in reclaimed silt ponds and mining excavations at the Eliot Facility and to prevent potential impacts to water quality in the Upper and Lower Aquifers*. Technical Memorandum. July 6, 2020. Andy Kopania to Steve Grace. El Dorado Hills, CA.
- \_\_\_\_\_. 2019 (April). *Water Supply Assessment for the CEMEX Eliot Quarry SMP-32 Reclamation Plan Amendment Project, Alameda County, California*. April 22, 2019.
- EPA. 2020. "Key Concepts Module 4: Antidegradation." EPA Website. Available at: <https://www.epa.gov/wqs-tech/key-concepts-module-4-antidegradation>. Accessed September 25, 2020.
- Federal Emergency Management Agency (FEMA). 2009. Flood Insurance Study for Alameda County, California and Incorporated Areas. Effective August 3, 2009. Flood Insurance Study Number 06001CV001A.
- Jeff Light Geological Consulting. 2019. *3D Clay Bed Geologic Model and Lack of Evidence for the Presence of Aquitards Eliot Quarry-CEMEX Aggregates, Alameda County, California*.
- Jones and Stokes. 2005 (September). *Groundwater Management Plan for Livermore-Amador Valley Groundwater Basin*. Sacramento, CA. Prepared for Zone 7, Livermore, CA. Cited in EMKO 2020a.
- Google Inc. 2020. Google Earth. Web application. Accessed October 14, 2020.
- Kamman Hydrology & Environmental Engineering, Inc. (Kamman). 2009. *Phase 2 Technical Report, Sycamore Grove Recovery Program, Sycamore Grove Park, Livermore, California*. Prepared for Livermore Area Recreation and Park District, Livermore, CA, and the Zone 7 Water Agency, Livermore, CA. Cited in Brown and Caldwell 2020.
- Kleinfelder. 2020 (July). *Focused Water Quality Assessment Lake B Component Eliot Quarry Reclamation Plan Amendment Project Alameda, California*. July 7, 2020
- Racin, J.A., Hoover, T.P., Crossett Avila, C.M., (2000) *California Bank and Shore Rock Slope Protection Design Manual*. FHWA-CA-TL-1., California Department of Transportation, Office of New Technology and Research, Sacramento, CA. 1997. Cited in Brown and Caldwell 2020.
- USACE. 1978. Del Valle Dam and Reservoir, Alameda Creek, California; Report on Reservoir Regulation. U.S. Army Engineer District, San Francisco Corps of Engineers, San Francisco, California.
- USGS. 1989a Sedimentology of the Livermore Gravels (Miocene-Pleistocent), Southern Livermore Valley, California, Pen-File Report 89-131.

\_\_\_\_\_. 1989b. *Study and Interpretation of the Chemical Characteristics of Natural Water*. Water-Supply Paper 2254.

WRCC (Western Regional Climate Center). 2020. Period of Record Monthly Climate Summary, 1930–2005. Available: <http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?calive+nca>. Accessed July 14, 2020.

Zone 7. 2011. *Hydrostratigraphic Investigations of the Aquifer Recharge Potential for Lakes C and D of the Chain of Lakes, Livermore, California*. Livermore, CA. Cited in EMKO 2020a.

\_\_\_\_\_. 2013. *Annual Report for the Groundwater Management Program, 2012 Water Year, Livermore Valley Groundwater Basin*. Cited in Kleinfelder 2020 and EMKO 2020a.

\_\_\_\_\_. 2014. *Preliminary Lake Use Evaluation for the Chain of Lakes*. Livermore, CA. Cited in EMKO 2020a.

\_\_\_\_\_. 2016. *Alternative Groundwater Sustainability Plan for the Livermore Valley Groundwater Basin*. December 2016.

\_\_\_\_\_. 2019 (February 11). *2018 Annual Report*. Figure 1-1. February 11, 2019.

\_\_\_\_\_. 2020a (August). Addendum 1: 2020 Update to the Preliminary Lake Use Evaluation for the Chain of Lakes.

\_\_\_\_\_. 2020b (August 1). History. Available: <http://www.zone7water.com/index.php/about-us/history>. Accessed August 1, 2020.

#### **Section 4.7, “Land Use and Planning”**

Alameda County. 1976 (November 23). *Alameda County General Plan Conservation Element*. Adopted November 23, 1976. Amended May 5, 1994. Hayward, CA.

\_\_\_\_\_. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.

\_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 2020 (July 7). Code of Ordinances. Alameda County. Available at: [https://library.municode.com/ca/alameda\\_county/codes/code\\_of\\_ordinances](https://library.municode.com/ca/alameda_county/codes/code_of_ordinances). Updated through July 7, 2020/.

CEMEX. 2019 (March). *Eliot Quarry SMP-23 Reclamation Plan Amendment (CA Mine ID No. 91-01-0009) County Application*. Volumes 1 and 2. Folsom, CA. Prepared by Spinardi Associates, Piedmont, CA, and Compass Land Group, McClellan, CA.

Gates (David L. Gates and Associates). 1993. *RMC Lonestar Lake ‘A’ Reclamation Plan, East Isabel Avenue Property, Alameda, California*. Approved February 4, 1994. Danville, CA. ‘

Geocon. 2019. *Geotechnical Investigation/Slope Stability Analysis, Cemex Eliot – Arroyo Del Valle Realignment at Lake B, Alameda, California*.

ICF. 2010. *East Alameda County Conservation Strategy*. Final Draft. October. San Jose, CA. Prepared for: East Alameda County Conservation Strategy Steering Committee, Livermore, CA.

#### **Section 4.8, “Noise”**

Alameda County. 1976 (November 23). *Alameda County General Plan Noise Element*. Adopted November 23, 1976. Amended May 5, 1994. Hayward, CA.

\_\_\_\_\_. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 2020 (July 7). Code of Ordinances. Alameda County. Available at: [https://library.municode.com/ca/alameda\\_county/codes/code\\_of\\_ordinances](https://library.municode.com/ca/alameda_county/codes/code_of_ordinances). Updated through July 7, 2020/

Bollard Acoustical Consultants. 2019 (October 11). *Environmental Noise Analysis, Eliot Quarry SMP-23 Reclamation Plan Amendment Project, Alameda County, California*. October 11, 2019.

Caltrans. 2013. *Transportation and Construction Vibration Guidance Manual*. Cited in Bollard Acoustical Consultants 2019.

\_\_\_\_\_. 2004. *Transportation and Construction-Induced Vibration Guidance Manual*. Cited in Bollard Acoustical Consultants 2019.

Egan, M. David. 1988. *Architectural Acoustics*. McGraw Hill. Cited in Bollard Acoustical Consultants 2019.

Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment Manual*. Cited in Bollard Acoustical Consultants 2019.

#### **Chapter 5, “Cumulative Impacts”**

Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 1981 (November 5). *Specific Plan for Livermore-Amador Valley Quarry Reclamation*. Adopted November 5, 1981. Hayward, CA.

\_\_\_\_\_. 2002 (May). *East County Area Plan*. Alameda County Planning Department, Hayward, CA.

\_\_\_\_\_. 2019. *Capital Improvement Plan 2019-2024*. Eighteenth edition. 2019.

\_\_\_\_\_. 2020a (May 4). Notice of Completion & Environmental Document Transmittal. Aramis Solar Energy Generation and Storage Project - PLN2017-00174. May 4, 2020.

- \_\_\_\_\_. 2020b (May 4). Notice of Preparation and Notice of Scoping Meeting for an Environmental Impact Report for the Aramis Solar Energy Generation and Storage Project, County Planning Application PLN2017-00174. May 4, 2020.
- BAAQMD. 2020 (July 31). *California Environmental Quality Act (CEQA) Air Quality Guidelines*. San Francisco, CA: May 2017. [https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa\\_guidelines\\_may2017-pdf.pdf?la=en](https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en). Accessed July 31, 2020.
- Bay Area Rapid Transit (BART). Livermore Extension. Accessed July 30, 2020 at <https://www.bart.gov/about/projects/liv>.
- FirstCarbon Solutions. 2017 (December). *Initial Study/Mitigated Negative Declaration for the Beyer Ranch Winery Development Alameda County, California*. Prepared for Alameda County Planning Department. December 2017.
- Google Inc. 2020. Google Earth. Web application. Accessed July 30, 2020.
- Jensen, Bruce. Planner. Alameda County, Oakland, CA. May 14, 2020—personal communication by electronic mail with Shelby Kendrick of Benchmark Resources regarding Beyer Ranch Winery; May 19, 2020—personal communication by electronic mail with Shelby Kendrick of Benchmark Resources regarding cumulative projects and Aramis Solar Project.
- WRECO. 2009. *Bridge Design Hydraulic Study Report, State Route 84 Expressway Widening Project, Cities of Livermore and Pleasanton, Alameda County, California*. Oakland, CA. Prepared for California Department of Transportation, Sacramento, CA, and Alameda County Transportation Improvement Authority, Oakland, CA.

## **Chapter 6, “Alternatives”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.

## **Chapter 7, “Other CEQA Topics”**

- Alameda County. 1980 (August 15). *Livermore-Amador Valley Quarry Reclamation Specific Plan Environmental Impact Report*. Certified in 1981. Alameda County Planning Department, Hayward, CA.
- \_\_\_\_\_. 2014. *Alameda County (Unincorporated Areas) Community Climate Action Plan*. February 4, 2014.
- BAAQMD. 2017 (April 19). *Spare the Air—Cool the Climate: A Blueprint for Clean Air and Climate Protection in the Bay Area*. Final 2017 Clean Air Plan. Adopted April 19, 2017.
- Brown and Caldwell. 2020. *Eliot Quarry Hydraulic Design Study*. Alameda County, California. December 17, 2018. Revised January 19 and March 4, 2020.
- California Public Utilities Commission (CPUC). 2019 (November). *2019 California Renewables Portfolio Standard Annual Report*.

- \_\_\_\_\_. 2020 (July 31). Renewables Portfolio Standard (RPS) Compliance Rules and Process. CPUC Website. Accessed July 31, 2020 at [https://www.cpuc.ca.gov/RPS\\_Overview/](https://www.cpuc.ca.gov/RPS_Overview/).