6 References

Environmental Analysis

3.1 LAND USE, POPULATION, AND HOUSING

City of Livermore, 2015. Isabel Avenue BART Station Area Plan Existing Conditions Report.

3.2 TRAFFIC AND TRANSPORTATION

- Alameda County Transportation Commission (Alameda CTC), 2014. Alameda CTC 2014 Level of Service Monitoring Report. Spring.
- Alameda County Transportation Commission (Alameda CTC), 2015. Congestion Management Program, Chapter 6, Land Use Analysis Program. October.
- Alameda CTC, 2015. Congestion Management Program, Chapter 3, Level of Service Standards.
- California Department of Transportation (Caltrans), 2002. Guide for the Preparation of Traffic Studies. December.
- City of Livermore, 2014. City of Livermore General Plan: 2003-2025, Circulation Element. Adopted 2004, amended 2014.
- California Department of Transportation (Caltrans), 2015. Traffic Volumes on the California State Highway System.
- San Francisco Bay Area Rapid Transit District (BART), 2012. BART Bicycle Plan, Modeling Access to Transit. Available at: https://www.bart.gov/sites/default/files/docs/BART_Bike_Plan_Final_083012.pdf.
- Transportation Research Board, 1985. Highway Capacity Manual. Special Report 209, Third Edition.

Transportation Research Board, 2000. Highway Capacity Manual.

Cambridge Systematics, 2017. BART to Livermore Ridership Projections (Draft). July.

3.3 AIR QUALITY

Bay Area Air Quality Management District. 2011. Highway Screening Analysis Tool. Last Revised: April 29, 2011. Available: http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools. Accessed: August 22, 2017.

- Bay Area Air Quality Management District. 2012a. Stationary Source Screening Analysis Tool. Last Revised: May 30, 2012. Available: http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools. Accessed: January 10, 2017.
- Bay Area Air Quality Management District. 2017. *California Environmental Quality Act Air Quality Guidelines*. May. San Francisco, CA.
- California Air Pollution Control Officers Association. 2009. *Health Risk Assessments for Proposed Land Use Projects*. July
- California Air Resources Board. 1998. The Toxic Air Contaminant Identification Process: Toxic Air Contaminant Emissions from Diesel-fueled Engines. October.
- California Air Resources Board. 2000. Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles. October.
- California Air Resources Board. 2005. *Air Quality and Land Use Handbook*. April.
- California Air Resources Board. 2016a. iADAM Air Quality Data Statistics. Available: http://www.arb.ca.gov/adam/index.html. Accessed: August 21, 2017.
- California Air Resources Board. 2016b. Ambient Air Quality Standards. Last revised: May 4, 2016. Available: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>. Accessed: August 21, 2017.
- California Air Resources Board. 2017. Area Designations Maps/ State and National. Last Reviewed: October 18, 2017. Available: http://www.arb.ca.gov/desig/adm/adm.htm. Accessed: November 21, 2017.
- California Department of Conservation. 2000. A General Location Guide for Ultramafic Rocks in California Areas More Likely to Contain Naturally Occurring Asbestos. August.
- California Department of Transportation. 2015. 2015 Traffic Volumes on California State Highways.

 Available: http://www.dot.ca.gov/trafficops/census/docs/2015_aadt_volumes.pdf>. Accessed: August 28, 2017.
- City of Livermore. 2004. City of Livermore General Plan 2003-2025, Open Space and Conservation Element. February.
- Garza, V. J., P. Graney, and D. Sperling. 1997. Transportation Project-Level Carbon Monoxide Protocol. Davis, CA: Institute of Transportation Studies, University of California, Davis.
- Kirk, Alison. Bay Area Air Quality Management District. San Francisco, CA. September 25, 2017—email message to ICF.
- Lau, Virginia. Bay Area Air Quality Management District. San Francisco, CA. February 3, 2016—email message to Ramboll Environ.

- San Francisco Department of Public Health. 2008. Assessment and Mitigation of Air Pollutant Health Effects from Intra-Urban Roadways: Guidance for Land Use Planning and Environmental Review. May.
- U.S. Environmental Protection Agency. 2017a. *Monitor Values Report*. Last Updated: June 12, 2017. Available: https://www.epa.gov/outdoor-air-quality-data/monitor-values-report >. Accessed: August 21, 2017.
- U.S. Environmental Protection Agency. 2017b. The Greenbook Nonattainment Areas for Criteria Pollutants. Last Updated: June 20, 2017. Available: < https://www.epa.gov/green-book >. Accessed: August 21, 2017.

3.4 ENERGY AND GREENHOUSE GAS EMISSIONS

- Association of Bay Area Governments and Metropolitan Transportation Commission. 2012. Environmental Impact Report Plan Bay Area. Draft. SCH No. 2012062029.
- Association of Bay Area Governments (ABAG). 2013. Projections 2013.
- Association of Environmental Professionals (AEP). 2016. Beyond 2020 and Newhall: A Field Guide to New CEQA Greenhouse Gas Thresholds and Climate Action Plan Targets for California. April.
- Bay Area Air Quality Management District. 2011. Bay Area Emissions Inventory Summary Report: Greenhouse Gases Base Year 2011. Updated: January 2015.
- Bay Area Air Quality Management District. 2017. California Environmental Quality Act Air Quality Guidelines. May.
- Blasing, T. J. 2016. Recent Greenhouse Gas Concentrations. DOI: 10.3334/CDIAC/atg.032. Updated April.
- California Air Resources Board. 2008. Climate Change Scoping Plan –A framework for change.

 December.

 Available:

 https://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf.>
- California Air Resources Board. 2011. Executive Order No. G-11-024, Relating to Adoption of Regional Greenhouse Gas Emission Reduction Targets for Automobiles and Light Trucks Pursuant to Senate Bill 375. February. Available: http://www.arb.ca.gov/cc/sb375/executive_order_g11024.pdf. Accessed: November 1, 2017.
- California Air Resources Board. 2014. First Update to the Climate Change Scoping Plan Building on the Framework. May. Available: https://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf.

- California Air Resources Board. 2015. EMFAC2014 Web Database. Available < https://www.arb.ca.gov/emfac/2014/>.
- California Air Resources Board. 2017a. California Greenhouse Gas Emission Inventory 2017 Edition. Available: < https://www.arb.ca.gov/cc/inventory/data/data.htm>. Accessed: October 31, 2017.
- California Air Resources Board. 2017b. California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target. Released: November. Available: https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf>.
- California Center for Science and Technology. 2012. California's Energy Future Portraits of Energy Systems for Meeting Greenhouse Gas Reduction Targets. September. Available: http://www.ccst.us/publications/2012/2012ghg.pdf.
- California Department of Transportation. 2015. California Transportation Plan 2040. March. Draft. Available:

 http://www.dot.ca.gov/hq/tpp/californiatransportationplan2040/Documents/index_docs/CTP_ReportPublicDraft_03022015.pdf.
- California Energy Commission. 2012. Our Changing Climate 2012: Vulnerability & Adaptation to the Increasing Risks from Climate Change in California. CEC-500-2012-007. July.
- California Energy Commission. 2015. 2015 Power Content Label for PG&E. Available: http://www.energy.ca.gov/pcl/labels/2015_labels/Pacific_Gas_and_Electric_(PGandE).pdf
- California Energy Commission. 2016a. California Energy Consumption Database. Available: < http://ecdms.energy.ca.gov/>
- California Energy Commission. 2016b. Cal-Adapt. Available: < http://cal-adapt.org/>. Accessed: October 31, 2017.
- California Energy Commission. 2017. California Energy Demand Updated Forecast, 2017-2027. January.
- California Public Utilities Commission. 2016b. California Renewables Portfolio Standard (RPS). Available: http://www.cpuc.ca.gov/RPS_Homepage/. Accessed: October 27, 2017.
- Center for Climate and Energy Solutions. 2016. The Basics. Available: http://www.c2es.org/facts-figures/basics/greenhouse-effect. Accessed: May 12, 2016.
- City of Livermore. 2012. *Livermore Climate Action Plan*. November. Available: http://www.cityoflivermore.net/civicax/filebank/documents/9789/. Accessed: November 17, 2017.
- City of Livermore. 2004. *City of Livermore General Plan 2003-2025*. February.

Climate Registry. 2017. 2017 Default Emission Factors. March.

- DieselHPR n.d. Fuel Specifications. Available: http://dieselhpr.com/assets/media/DieselHPR_Fuel_Specification.pdf>. Accessed: January 12, 2017.
- Energy + Environmental Economics. 2015. Summary of the California State Agencies' PATHWAYS Project: Long-term Greenhouse Gas Reduction Scenarios. January 26. Available:

 http://www.energy.ca.gov/commission/fact_sheets/documents/E3_Project_Overview_2
 0150130.pdf>; see also Energy + Environmental Economics. 2015. Pathways to Deep Decarbonization in the United States. May 13. Available:

 https://www.arb.ca.gov/research/lectures/speakers/williams/williams.pdf (modeling results for United States assuming 80 percent reduction in GHG emissions by 2050 compared with 1990 levels).
- Intergovernmental Panel on Climate Change. 2007. Introduction. In B. Metz, O. R. Davidson, P. R. Bosch, R. Dave, L. A. Meyer, (eds.), Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, 2007. Cambridge, U.K. and New York, NY, USA: Cambridge University Press. Available: http://www.ipcc.ch/pdf/assessment-report/ar4/wg3/ar4-wg3-chapter1.pdf. Accessed: August 11, 2009.
- Intergovernmental Panel on Climate Change. 2014. Climate Change 2014: Synthesis Report.

 Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]. IPCC, Geneva, Switzerland. Available:

 . Accessed: December 16, 2015.
- Myhre, G., D. Shindell, F.-M. Bréon, W. Collins, J. Fuglestvedt, J. Huang, D. Koch, J.-F. Lamarque, D. Lee, B. Mendoza, T. Nakajima, A. Robock, G. Stephens, T. Takemura, and H. Zhang. 2013. Anthropogenic and Natural Radiative Forcing. Pages 659–740 in: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Stocker, T. F., D. Qin, G.-K. Plattner, M. Tignor, S. K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex, and P. M. Midgley (eds.)]. Cambridge, United Kingdom and New York, NY, USA: Cambridge University Press.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. February. Available: http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>.
- U.S. Census Bureau. 2016. American FactFinder Community Facts. Available: < https://factfinder.census.gov/faces/nav/jsf/pages/community_facts.xhtml>. Accessed: October 27, 2017.

- U.S. Department of Energy. 2014. Alternative Fuels Data Center Fuel Properties Comparison. Released: October 29th.
- U.S. Energy Information Administration. 2017. California State Energy Profile. Last Updated: October 19, 2017. Available: < https://www.eia.gov/state/print.php?sid=CA>. Accessed: October 27, 2017.
- U.S. Environmental Protection Agency. 2017. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2015. Available: https://www.epa.gov/sites/production/files/2017-02/documents/2017_complete_report.pdf>. Accessed: October 31, 2017.
- Williams, et al. 2012. The Technology Path to Deep Greenhouse Gas Emissions Cuts by 2050: The Pivotal Role of Electricity. January. Available: http://science.sciencemag.org/content/335/6064/53.

3.5 **AESTHETICS**

Caltrans. *Scenic Highways*. http://www.dot.ca.gov/design/lap/livability/scenic-highways/index.html. Accessed January 2017.

3.6 NOISE AND VIBRATION

- California Department of Transportation. 2013a. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* Available: http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013B.pdf. Accessed: November 17, 2017.
- California Department of Transportation. 2013b. *Transportation and Construction Vibration Guidance Manual.* Available: http://www.dot.ca.gov/hq/env/noise/pub/TCVGM_Sep13_FINAL.pdf. Accessed: November 17, 2017.
- Alameda County Airport Land Use Commission. 2012. *Livermore Executive Airport Airport Land Use Compatibility Plan*. August. Available: https://www.acgov.org/cda/planning/generalplans/airportlandplans.htm. Accessed: November 17, 2017.
- Federal Transit Administration. 2006. *Transit Noise and Vibration Impact Assessment*. FTA-VA-90-1003-06. Office of Planning and Environment. May. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA_Noise_and_Vibration_Manual.pdf. Accessed: November 17, 2017.
- City of Livermore. 2017a. *Special Events Information Packet*. Available at: http://www.cityoflivermore.net/civicax/filebank/documents/3154. Accessed: November 17, 2017.
- City of Livermore. 2017b. *Isabel Neighborhood Plan and Airport Compatibility Interoffice Memorandum*. Available at:

- http://www.cityoflivermore.net/civicax/filebank/documents/15641/ Accessed: November 17, 2017.
- San Francisco Bay Area Rapid Transit District. 2017. *Draft BART to Livermore Extension Project Draft EIR*. July. Available: http://www.bart.gov/about/projects/liv/environment Accessed: November 17, 2017.
- U.S. Environmental Protection Agency. 1971. *Noise from Construction Equipment and Operations, Building Equipment and Home Appliances.* December 31. Available: https://nepis.epa.gov/Exe/ZyPDF.cgi/9101NN3I.PDF?Dockey=9101NN3I.PDF. Accessed: November 17, 2017.

3.7 BIOLOGICAL RESOURCES

- Alameda County Water District, n.d. Current fish passage & related projects. Online. http://www.acwd.org/index.aspx?NID=456. Accessed: February 6, 2017.
- Alameda Creek Alliance, n.d. Northern watershed arroyos. Online. http://www.alamedacreek.org/restoration-progress/northern-watershed-arroyos.htm. Accessed: February 6, 2017.
- Calcarone, G.M., 1999. Southern California mountains and foothills assessment: Habitat and species conservation issues. General Technical Report GTR-PSW-172. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture.
- California Department of Fish and Game, 2009. Report to the Fish and Game Commission: A Status Review of the Longfin Smelt (Spirinchus thaleichthys) in California. Online. http://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=10263. Accessed: May 2017.
- California Department of Fish and Game, 2012. Staff Report on Burrowing Owl Mitigation. March 7.
- California Fish Website, 2017. Fish Species by Location Lower Arroyo Las Positas-180500040203. Online. http://calfish.ucdavis.edu/location/?ds=698&reportnumber=1293&catcol=4712&category search=%27Lower%20Arroyo%20Las%20Positas%2D180500040203%27. Accessed: January 26, 2017.
- Center for Biological Diversity, n.d. Natural History. Central California Coast Steelhead Trout, Oncorhynchus mykiss. Online. http://www.biologicaldiversity.org/species/fish/central_California_coast_steelhead_trout/natural_history.html. Accessed: August 8, 2016.
- City of Livermore, 2004. City of Livermore General Plan 2003-2025. Adopted February 9, 2004. Latest amendment December 2014. Online. http://www.ci.livermore.ca.us/citygov/cdd/planning/general.htm. Accessed: February 7, 2017.

- ICF International, 2010. East Alameda County Conservation Strategy. Final Draft. October. (ICF 00906.08.) San Jose, CA. Prepared for: East Alameda County Conservation Strategy Steering Committee, Livermore, CA. Online. http://www.eastalcoconservation.org/documents.html. Accessed: February 7, 2017.
- Holland, R., 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California.

 Prepared for California Department of Fish and Game Natural Heritage Division.

 Sacramento
- Pilliod. David. S., Justin L. Welty, and Robert Stafford, 2013. Terrestrial Movement Patterns of Western Pond Turtles (Actinemys marmorata) in Central California. Herpetological Conservation and Biology 8(1): 207-221. Online. http://herpconbio.org/Volume_8/Issue_1/Pilliod_etal_2013.pdf. Accessed: February 7, 2017.
- Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens, 2009. A Manual of California Vegetation, 2nd edition. California Native Plant Society, Sacramento.
- U.S. Fish and Wildlife Service, 1998. *Recovery plan for upland species of the San Joaquin Valley, California.* Region 1, Portland, OR. 319 pp.
- Williams, D.F., 1986. Mammalian species of concern in California. California Department of Fish and Game Report 86-1. California Department of Fish and Game, Sacramento, CA.

3.8 HAZARDS AND HAZARDOUS MATERIALS

- Association of Bay Area Governments, 2010. Taming Natural Disasters, Multi-Jurisdictional Local Hazard Mitigation Plan for the San Francisco Bay Area, 2010 Update of 2005 Plan. http://quake.abag.ca.gov/wp-content/documents/ThePlan-Chapters-Intro.pdf. Accessed: January 31, 2017.
- CalRecycle, 2017. Waste Tire Program: Search. Online. http://www.calrecycle.ca.gov/Tires/Data/Organization/Search.aspx. Accessed: July 11, 2017.
- ESA Airport, 2012. Livermore Municipal Airport Land Use Compatibility Plan. https://www.acgov.org/cda/planning/generalplans/airportlandplans.htm. Accessed: January 4, 2018.
- Livermore-Pleasanton Fire Department, 2017. Safety Education. http://www.cityoflivermore.net/citygov/fire/about/safetyedu/default.htm. Accessed: January 31, 2017.

3.9 HYDROLOGY AND WATER QUALITY

Alameda Countywide Clean Water Program, 2016. C.3 Stormwater Technical Guidance A Handbook for Developers, Builders, and Project Applicants. Version 5.1. May 2. Online.

- http://www.cleanwaterprogram.org/uploads/C.3_Tech_Guidance_v5.1_FINAL_May_20 16%20(low%20res).pdf
- Association of Bay Area Governments, n.d. Resilience Program Hazards Map. Online. http://gis.abag.ca.gov/website/Hazards/?hlyr=cgsLndsldZones. Accessed: February 10, 2017.
- California Department of Water Resources, 2006. California's Groundwater Bulletin 118, Livermore Valley Groundwater Basin. January 20.
- California Department of Water Resources, 2003. California's Groundwater Bulletin 118, Update 2003, San Francisco Bay Hydrologic Region. Online. http://www.water.ca.gov/pubs/groundwater/bulletin_118/california's_groundwater__bulletin_118_-_update_2003_/bulletin118_2-sf.pdf. Accessed: February 10, 2017.
- California Emergency Management Agency (CalEMA), University of Southern California (USC), California Geological Survey (CGS), n.d. Tsunamic Inundation Map for Emergency Planning. State of California, County of San Mateo. Online. http://www.conservation.ca.gov/cgs/geologic_hazards/Tsunami/Inundation_Maps/Alam eda. Accessed: February 10, 2017.
- City of Livermore, 2014. City of Livermore 2003 2025 General Plan Public Safety Element. Online. http://www.cityoflivermore.net/civicax/filebank/documents/6101/. Accessed: February 10, 2017.
- City of Livermore, 2015. Isabel Avenue BART Station Area Plan Existing Conditions Report.
- Federal Emergency Management Agency, 2009. National Flood Hazard Layer (Official). Panel 329 and 333 of 725. Map #06001C0329G and #06001C0333G. August 3. Online. http://fema.maps.arcgis.com/home/webmap/viewer.html?webmap=cbe088e7c8704464aa 0fc34eb99e7f30. Accessed: February 9, 2017.
- Oakland Museum of California, n.d. Arroyo Las Positas Watershed Map. Online. http://explore.museumca.org/creeks/133B06-OMAPositas.html#. Accessed: February 6, 2017.
- San Francisco Bay Regional Water Quality Control Board, 2015. San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan). Originally published January 8, 2007. Last updated: March 2015. Online. http://www.waterboards.ca.gov/rwqcb2/basin_planning.shtml. Accessed: February 10, 2017.
- San Francisco Bay Regional Water Quality Control Board, 2007. Water Quality Monitoring and Bioassessment in Nine San Francisco Bay Region Watersheds in 2001-2003: Walker Creek, Lagunitas Creek, San Leandro Creek, Wildcat Creek/San Pablo Creek, Suisun Creek, Arroyo Las Positas, Pescadero Creek/Butano Creek, San Gregorio Creek, Stevens Creek/Permanente Creek. June.

- State Water Resources Control Board, 2013. Construction General Permit Stormwater Program. Last updated: 2013. Online. http://www.swrcb.ca.gov/water_issues/programs/stormwater/constpermits.shtml. Accessed: February 13, 2017.
- Western Regional Climate Center, n.d. Livermore, California Period of Record Monthly Climate Summary (044997). Online. http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?calive+nca. Accessed: February 6, 2017.

3.10 UTILITIES AND SERVICE SYSTEMS

- Alameda Countywide Clean Water Program, 2016. C3 Technical Guidance Manual. Online. http://cleanwaterprogram.org/c3-guidance-table/item/c3-guidance-table.html. Accessed: July 18, 2017.
- CalReycle, 2013. Conversion Table 1. Online. http://www.calrecycle.ca.gov/FacIT/Limitations.htm. Accessed: July 18, 2017.
- CalReycle, 2016. Online. Disposal Reporting System (DRS): Jurisdiction Disposal and Alternative Daily Cover (ADC) Tons by Facility. http://www.calrecycle.ca.gov/LGCentral/DRS. Accessed: July 18, 2017.
- CalRecycle, 2017a. SWIS Facility/Site Search. Online. http://www.calrecycle.ca.gov/SWFacilities/Directory/Search.aspx. Accessed: July 17, 2017.
- CalReycle, 2017b. Jurisdiction Diversion/Disposal Rate Summary (2007 Current). Online. http://www.calrecycle.ca.gov/LGCentral/reports/diversionprogram/JurisdictionDiversionPost2006.aspx. Accessed: July 18, 2017.
- City of Livermore, 2016. 2015 Urban Water Management Plan. Online. http://www.cityoflivermore.net//civicax/filebank/documents/14536. Accessed: January 2, 2018.

West Yost Associates, 2017a. Isabel Neighborhood Plan Water Supply Assessment.

West Yost Associates, 2017b. Isabel Neighborhood Plan Potable Water System Evaluation.

West Yost Associates, 2017c. Isabel Neighborhood Plan Sewer System Evaluation.

3.11 PUBLIC SERVICES AND RECREATION

- City of Livermore, 2004. City of Livermore General Plan 2003-2025. Adopted February 9, 2004. Latest amendment December 2014. Available: http://www.ci.livermore.ca.us/citygov/cdd/planning/general.htm. Accessed: February 7, 2017.
- City of Livermore, 2008. City of Livermore Request for Proposal for Maintenance of Springtown Golf Course and Las Positas Golf Course. Online.

- http://www.cityoflivermore.net/civicax/filebank/documents/5109. Accessed: July 19, 2017.
- Livermore Area Recreation and Park District (LARPD), 2016. Parks, Recreation and Trails Master Plan. Online.
 - http://www.larpd.org/board/LARPD_Master_Plan/LARPD_PRTMP_Final_Document_Adopted_June_29_2016.pdf. Accessed: July 7, 2017.

3.12 GEOLOGY AND SOILS

- Association of Bay Area Government, 2017. Shaking Hazard Map. Available: http://resilience.abag.ca.gov/earthquakes/. Accessed: June 2, 2017.
- Association of Bay Area Governments, 2017. Earthquake and Hazards Program. Available: http://gis.abag.ca.gov/website/Hazards/?hlyr=liqSusceptibility. Accessed: June 2, 2017.
- City of Livermore, 2004. City of Livermore General Plan 2003-2025. Adopted February 9, 2004. Latest amendment December 2014. Available: http://www.ci.livermore.ca.us/citygov/cdd/planning/general.htm. Accessed: February 7, 2017.
- City of Livermore, 2015. Isabel Avenue BART Station Area Plan Existing Conditions Report.
- Hart, E. W., and W. A. Bryant, 1997. Fault-Rupture Hazard Zones in California—Alquist-Priolo Earthquake Fault Zoning Act with Index to Earthquake Fault Zones Maps. (Special Publication 42.)
- PBS&J, 2009. Bart to Livermore Extension Draft Program Environmental Impact Report.
- Natural Resources Conservation Service, n.d. National soil survey handbook, title 430-VI. U.S. Department of Agriculture. Available: http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ref/?cid=nrcs142p2_054242. Accessed: June 20, 2017.
- Natural Resources Conservation Service, 2017. Custom Soil Resource Report for Alameda Area, California. Web Soil Survey. Available: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm. Accessed: June 20, 2017.
- United States Geological Survey, 1999. Earthquake Probabilities in the San Francisco Bay Region: 2000 to 2030- A Summary of Findings, Working Group of California Earthquake Probabilities, Open-File Report 99-517.
- Field, E.H., Biasi, G.P., Bird, P., Dawson, T.E., Felzer, K.R., Jackson, D.D., Johnson, K.M., Jordan, T.H., Madden, C., Michael, A.J., Milner, K.R., Page, M.T., Parsons, T., Powers, P.M., Shaw, B.E., Thatcher, W.R., Weldon, R.J. II, and Zeng, Y., 2015. Long-term, time-dependent probabilities for the third uniform California earthquake rupture forecast (UCERF3). Bulletin of the Seismological Society of America. (U.S. Geological Survey Fact

Sheet 2015-3009.) March. Available: https://pubs.usgs.gov/fs/2015/3009/. Accessed: June 20, 2017.

3.13 CULTURAL AND TRIBAL RESOURCES

- Barlock, V. E., 1989. Sedimentology of the Livermore Gravels (Miocene-Pleistocene), southern Livermore Valley, California. (U.S. Geological Survey Open-File Report 89-131.)

 Available: https://pubs.er.usgs.gov/publication/ofr89131. Accessed: September 29, 2016.
- Bay Area Census, 2010. City of Livermore, Alameda County. Electronic document, http://www.bayareacensus.ca.gov/cities/Livermore.htm, accessed on June 23, 2017.
- Cook, S. F., 1943a. The Conflict between the California Indians and White Civilization, I: The Indian Versus the Spanish Mission. *Ibero-Americana*. 21. Berkeley, California.
- Cook, S. F., 1943b. The Conflict between the California Indians and White Civilization, II: The Physical and Demographic Reaction of the Non-Mission Indians in Colonial and Provincial California. *Ibero-Americana*. 22. Berkeley, California.
- Elsasser, A. B., 1978. Development of Regional Prehistoric Cultures. In *California*, R. F. Heizer, ed., pp. 37-57. *Handbook of North American Indians*. Vol. 8. Smithsonian Institution, Washington, D.C.
- Erlandson, J., T. Rick, T.L. Jones, and J.F. Porchasi, 2007. One if by Land, Two if by Sea: Who Were the First Californians? In (Ed T.L. Jones and K. Klar) *California Prehistory: Colonization, Culture, and Complexity.* Alta Mira Press. Lanham, MD.
- Hildebrandt, W. R., 1983. Final Report, Archaeological Research of the Southern Santa Clara Valley Project: Based on a Data Recovery Program from Sites CA-SCL-54, CA-SCL-163, CA-SCL-178, CA-SCL-237 and CA-SCL-241 Located in the Route 101 Corridor, Santa Clara County, California. Report on file, California Department of Transportation, Oakland, CA.
- Ingram, B. L., 1998. Differences in Radiocarbon Age Between Shell and Charcoal from a Holocene Shellmound in Northern California. *Quarternary Research* 49: 102-110.
- Kyle, D.E., M.B. Hoover, E. G. Rensch, H.E. Rensch, and W. N. Abeloe, 2002. *Historic Spots in California*. 5th ed. Stanford University Press, Palo Alto, California.
- Levy, R., 1978. Costanoan. Pages 485–495 in R. F. Heizer (ed.) *California*. Handbook of North American Indians, Vol. 8, W.C. Sturtevant, general ed. Washington, D.C.: Smithsonian Institution.
- Livermore Heritage Guild and John Christian, 2013. *Livermore, Images of America*. Arcadia Publishing, Charleston, South Carolina.

- Livermore Heritage Guild, 1999. The Economy Changes in Livermore Valley. Electronic document, http://www.lhg.org/history%20folder/2economy.htm, accessed on June 23, 2017.
- Livermore Heritage Guild, 2000. Livermore Amador Valley Land Grants. Electronic document, http://www.lhg.org/history%20folder/2economy.htm, accessed on June 23, 2017.
- Livermore Heritage Guild, 2006. *Early Livermore, Images of America*. Arcadia Publishing, Charleston, South Carolina.
- Nale, B., 2003. Livermore History William Mendenhall. Electronic document, http://www.elivermore.com/photos/Hist_lvr_mendenhall.htm, accessed on June 23, 2017.
- Meyer, J. and J. S. Rosenthal, 1997. Archaeological and Geoarchaeological Investigations at Eight Prehistoric Sites in the Los Vaqueros Reservoir Area, Contra Costa County. *Los Vaqueros Final Report No. 7.* Anthropological Studies Center, Sonoma State University, Rohnert Park, California. Prepared for the Contra Costa Water District, Concord, CA.
- Meyer, J. and J. S. Rosenthal, 1998. An Archaeological Investigation of Artifacts and Human Remains from CA-CCO-637, Los Vaqueros APEAPE, Contra Costa County, California. Anthropological Studies Center, Sonoma State University Academic Foundation, Rohnert Park, California. Submitted to the Contra Costa Water District, Concord, California. Copies available from Northwest Information Center, Department of Anthropology, Sonoma State University, Rohnert Park, CA.
- Meyer, J. and J. S. Rosenthal, 2007. *Geoarchaeological Overview of the Nine Bay Area Counties in Caltrans District 4*. Far Western Anthropological Research Group. Davis, CA
- Milliken, Randall, Richard T. Fitzgerald, Mark G. Hylkema, Randy Groza, Tom Origer, David G. Bieling, Alan Levanthal, Randy S. Wiberg, Andrew Gottsfield, Donna Gillette, Viviana Bellifemine, Eric Strother, Robert Cartier, and David A. Fredrickson, 2007. Punctuated Cultural Change in the San Francisco Bay Area. In *California Prehistory: Colonization, Culture, and Complexity*, edited by Jones, Terry L, and Kathryn A. Klar, pp. 99–124, AltaMira Press, Plymouth, United Kingdom.
- Rosenthal, Jeffrey S., and Jack Meyer, 2000. A Middle Holocene Olivella Wall-Bead Assemblage from Central California. *Society for California Archaeology Newsletter 34*(4):27–28.
- Society of Vertebrate Paleontology, 2010. Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. Impact Mitigation Guidelines Revision Committee. Available: http://vertpaleo.org/The-Society/Governance-Documents/SVP_Impact_Mitigation_Guidelines.aspx. Accessed: December 9, 2015.
- University of California Museum of Paleontology, 2011. The Pleistocene Epoch. Available: http://www.ucmp.berkeley.edu/quaternary/pleistocene.php. Accessed: June 30, 2017.

- Wagner, D. L., E. J. Bortugno, and R. D. McJunkin, 1991. *Geologic Map of the San Francisco-San Jose Quadrangle*. (Regional Geologic Map Series Map No. 5a [Geology].) California Department of Conservation, Division of Mines and Geology. Available: ftp://ftp.consrv.ca.gov/pub/dmg/pubs/rgm/RGM_005A/RGM_005A_SanFrancisco&SJ_1 991_Sheet1of5.pdf. Accessed: June 30, 2017.
- Wallace, W. J. and D. W. Lathrop, 1975. West Berkeley (CA-ALA-307): A Culturally Stratified Shellmound on the East Shore of San Francisco Bay. *Contributions of the University of California Archaeological Research Facility 29*.
- Wohlgemuth, E., 1997. Appendix H: Plant Remains. In Archaeological and Geoarchaeological Investigations at Eight Prehistoric Sites in the Los Vaqueros Reservoir Area, Contra Costa County, California, edited by J. Meyer and J. S. Rosenthal, pp. H.1–H.36. Anthropological Studies Center, Sonoma State University Academic Foundation, Rohnert Park, California. Submitted to the Contra Costa Water District, Concord, California. Copies available from Northwest Information Center, Department of Anthropology, Sonoma State University, Rohnert Park, CA.

3.14 AGRICULTURAL RESOURCES

California Department of Conservation, 2015. Alameda County Williamson Act FY 2014/2015. Online. http://www.conservation.ca.gov/dlrp/lca/Pages/index.aspx. Accessed: July 10, 2017.

Analysis of Alternatives

- California Department of Conservation, 2015. Alameda County Williamson Act FY 2014/2015. Online. http://www.conservation.ca.gov/dlrp/lca/Pages/index.aspx. Accessed: July 10, 2017.
- CalReycle, 2013. Conversion Table 1. Online. http://www.calrecycle.ca.gov/FacIT/Limitations.htm. Accessed: July 18, 2017.
- City of Livermore, 2014. City of Livermore 2003 2025 General Plan Public Safety Element. Online. http://www.cityoflivermore.net/civicax/filebank/documents/6101/. Accessed: February 10, 2017.
- San Francisco Bay Area Rapid Transit District, 2017. Draft BART to Livermore Extension Project EIR.
- West Yost Associates, 2017a. Isabel Neighborhood Plan Sewer System Evaluation.
- West Yost Associates, 2017b. Isabel Neighborhood Plan Potable Water System Evaluation.

CEQA Required Conclusions

Association of Bay Area Governments (ABAG). 2013. Projections 2013.

- Alameda Countywide Clean Water Program, 2016. C.3 Stormwater Technical Guidance A Handbook for Developers, Builders, and Project Applicants. Version 5.1. May 2. Online. http://www.cleanwaterprogram.org/uploads/C.3_Tech_Guidance_v5.1_FINAL_May_20 16%20(low%20res).pdf
- City of Livermore, 2004. City of Livermore General Plan 2003-2025. Adopted February 9, 2004. Latest amendment December 2014. Online.
- LSA Associates, Inc., 2003. Livermore General Plan and Downtown Specific Plan EIR.
- San Francisco Bay Area Rapid Transit District (BART), 2017. *Draft BART to Livermore Extension Project Draft EIR*. July. Available: http://www.bart.gov/about/projects/liv/environment Accessed: November 17, 2017.
- U.S. Census Bureau. City and Town Population Totals Tables: 2010-2016. 2017. https://www.census.gov/data/tables/2016/demo/popest/total-cities-and-towns.html.

Draft Environmental Impact Report for the Isabel Neighborhood Plan Chapter 6: References

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