

## 8. REFERENCES

1. ASTM International. *ASTM E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. 2013.
2. Bay Area Air Quality Management District. *California Environmental Quality Act Air Quality Guidelines*. May 2017.
3. Bollard Acoustical Consultants, Inc. *Environmental Noise Assessment. Shifler Mining & Reclamation Project (BAC Job # 2018-202)*. January 29, 2020.
4. Bollard, Paul, President, Bollard Acoustical Consultants, Inc. Personal Communication [Phone] with Rod Stinson, Division Manager / Air Quality Specialist, Raney Planning & Management, Inc. November 2019.
5. BREEZE Software, A Division of Trinity Consultants, in collaboration with South Coast Air Quality Management District and the California Air Districts. *California Emissions Estimator Model User's Guide Version 2016.3.2*. November 2017.
6. Bruso, Xantha, Pacific Gas & Electric Company. *Greenhouse Gas Emission Factors Info Sheet*. Last Updated April 8, 2011.
7. California Air Resources Board. *2002-07-29 Asbestos ATCM for Construction, Grading, Quarrying, and Surface Mining Operations*. June 3, 2015. Available at: <http://www.arb.ca.gov/toxics/atcm/asb2atcm.htm>. Accessed April 2017.
8. California Air Resources Board. *AB 32 Scoping Plan*. Available at: <https://www.arb.ca.gov/cc/scopingplan/scopingplan.htm>. Accessed February 2018.
9. California Air Resources Board. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005.
10. California Air Resources Board. *Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling*. October 24, 2013. Available at: <http://www.arb.ca.gov/msprog/truck-idling/truck-idling.htm>. Accessed August 2016.
11. California Air Resources Board. *California takes bold step to reduce truck pollution*. Available at: <https://ww2.arb.ca.gov/news/california-takes-bold-step-reduce-truck-pollution>. Accessed September 2020.
12. California Air Resources Board. *CARB Assessment of the Emissions from the Use of Biodiesel as a Motor Vehicle Fuel in California*. October 2011.
13. California Air Resources Board. *EMFAC 2017 Web Database Version 1.0.2*. Available at: [https://www.arb.ca.gov/emfac/2017/?\\_ga=2.255973128.2097862100.1570128607-371863815.1546447283](https://www.arb.ca.gov/emfac/2017/?_ga=2.255973128.2097862100.1570128607-371863815.1546447283). Accessed August 2019.
14. California Air Resources Board. *EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicle Rule Part One*. November 20, 2019.
15. California Air Resources Board. *In-Use Off-Road Diesel Vehicle Regulation*. December 10, 2014. Available at: <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>. Accessed August 2019.



16. California Air Resources Board. *Low Carbon Fuel Standard Data Dashboard*. Available at: <https://www.arb.ca.gov/fuels/lcfs/dashboard/dashboard.htm>. Accessed May 2019.
17. California Air Resources Board. *MSEI – Documentation – OFFROAD – Diesel Equipment*. Available at: <https://ww2.arb.ca.gov/our-work/programs/mobile-source-emissions-inventory/road-documentation/msei-documentation-offroad-0>. Accessed August 2019.
18. California Air Resources Board. *Overview of ARB Emissions Trading Program*. Available at: [https://www.arb.ca.gov/cc/capandtrade/guidance/cap\\_trade\\_overview.pdf](https://www.arb.ca.gov/cc/capandtrade/guidance/cap_trade_overview.pdf). Accessed February 2018.
19. California Air Resources Board. *Reducing Toxic Air Pollutants in California’s Communities*. February 6, 2002.
20. California Air Resources Board. *The Truck Stop: The Trump Administration and the California EPA*. Available at: <https://ww3.arb.ca.gov/msprog/truckstop/azregs/waiver.htm>. Accessed September 2020.
21. California Energy Commission. *About the California Energy Commission*. Available at: <http://www.energy.ca.gov/commission/index.html>. Accessed June 2020.
22. California Energy Commission. *Electricity Consumption by County*. Available at: <http://ecdm.energy.ca.gov/elecbycounty.aspx>. Accessed June 2020.
23. California Department of Conservation, Division of Land Resource Protection. *A Guide to the Farmland Mapping and Monitoring Program*. 2004.
24. California Department of Conservation, Division of Mines and Geology. *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos*. August 2000.
25. California Department of Conservation. *Yolo County Important Farmland 2016*. July 2017.
26. California Department of Transportation. *California Scenic Highway Mapping System*. Available at: [http://www.dot.ca.gov/hq/LandArch/16\\_livability/scenic\\_highways/index.htm](http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/index.htm). Accessed February 2019.
27. California Division of Oil, Gas, and Geothermal Resources. *Teichert Shifler Mining and Reclamation Project*. August 22, 2019.
28. California Governor’s Office of Emergency Services. *My Hazards*. Available at: <http://myhazards.caloes.ca.gov/>. Accessed February 28, 2019.
29. California Public Utilities Commission. *Decision 10-03-022, Decision Regarding Increased Limits for Direct Access Transactions*. March 11, 2020.
30. California Public Utilities Commission. *California Public Utilities Commission*. Available at: <http://www.cpuc.ca.gov/puc/>. Accessed June 2020.
31. Caltrans. *Transportation Related Earthborne Vibrations (Caltrans Experiences) Technical Advisory, Vibration, TAV-04-01-R0201*. January 23, 2004.
32. City of Davis. *Final 2015 Urban Water Management Plan*. June 2016.
33. Cunningham Engineering Corporation. *Cache Creek Hydraulics Study for Shifler Mining Reach*. January 26, 2016.
34. Cunningham Engineering Corporation. *Shifler Off-Channel Mining and Reclamation Application Cache Creek Channel Stability Analysis*. Updated October 30, 2020.



35. Department of Water Resources. *Bulletin 118*. 2003.
36. ECORP Consulting, Inc. *Wetland Delineation for Shifler Property*. May 18, 2012.
37. EcoSynthesis Scientific & Regulatory Services, Inc. *Aquatic Resources Delineation Map*. December 5, 2019.
38. EcoSynthesis, Scientific & Regulatory Services, Inc. *Memorandum: Shifler Project Site Aquatic Resources Delineation*. July 5, 2020.
39. EcoSynthesis Scientific & Regulatory Services, Inc. *Teichert Shifler Project Determination of Waters of the U.S.* December 5, 2019.
40. Empire Cat. *Tier 4 Emissions Technology*. Available at: [http://www.empire-cat.com/Power\\_Systems/Emissions\\_Solutions/Tier\\_4\\_Technology.aspx](http://www.empire-cat.com/Power_Systems/Emissions_Solutions/Tier_4_Technology.aspx). Accessed June 2020.
41. ESA. *Teichert Shifler Mining and Reclamation Project Air Quality and Greenhouse Gas Technical Memorandum*. October 2015.
42. Fehr & Peers. *Shifler Mining and Reclamation Project Traffic Impact Study*. August 2018.
43. Fehr & Peers. *Shifler Mining Project Vehicle Miles Traveled Impact Evaluation (Revised)*. September 25, 2020.
44. Federal Highway Administration. *Guidelines for the Visual Impact Assessment of Highway Projects (Publication No. FHWA-HEP-15-029)*. January 2015.
45. Federal Transit Administration. *Transit Noise and Vibration Impact Assessment Guidelines*. May 2006.
46. Fleishman, E., Anderson, J., Dickson, B. G., Krolick, D., Estep, J. A., Anderson, R. L., Bell, D. A. *Space Use by Swainson's Hawk (Buteo swainsoni) in the Natomas Basin, California*. 2016. Available at: <http://doi.org/10.1525/collabra.35>. Accessed June 2020.
47. FlowWest. *Technical Memorandum: Cache Creek TAC Review Of Teichert Shifler Mining And Reclamation Project*. December 3, 2020.
48. Geocon Consultants. *Geotechnical Addendum – South Canal Alternative, Shifler Mining and Reclamation Project, Yolo County, California*. October 23, 2020.
49. Geocon Consultants, Inc. *Slope Stability Evaluation, Teichert Shifler Mining and Reclamation Project, Yolo County, California*. May 2016.
50. Geocon Consultants, Inc. *Technical Memorandum: Dewatering Shifler Mining and Reclamation Project Yolo County, California*. August 11, 2020.
51. Geocon Consultants, Inc. *Technical Memorandum – Local Geology, Shifler Mining and Reclamation Project, Yolo County, California*. November 27, 2019.
52. Geocon Consultants, Inc. *Technical Memorandum: Geotechnical Addendum – Alternate A Shifler Mining and Reclamation Project Yolo County, California*. March 4, 2020.
53. Health Effects Institute. *Understanding the Health Effects of Ambient Ultrafine Particles*. January 2013.
54. IPCC, Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.). *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*. 2014.



55. Live Oak Associates, Inc. *Biological Resources Assessment Peer Review for the Shifler project, located in Yolo County, California (PN 2338-01)*. October 17, 2019.
56. Luhdorff & Scalmanini Consulting Engineers. *Groundwater Conditions in the Vicinity of Planned Wetpit Mining Operations, Shifler Property*. February 2016.
57. Luhdorff & Scalmanini Consulting Engineers. *Technical Memorandum, Alternate Mining Pit Configuration Shifler Property, Woodland, Yolo County*. February 20, 2020.
58. Luhdorff & Scalmanini Consulting Engineers. *Technical Memorandum, Groundwater Conditions in the Vicinity of Planned Wetpit Mining Operations, Shifler Property*. December 9, 2019.
59. Luhdorff & Scalmanini Consulting Engineers. *Technical Memorandum, Supplemental Analyses of Groundwater Conditions, Planned Mining and Reclamation Activities, Shifler Property, Woodland, Yolo County*. February 5, 2020.
60. Moushumi Hasan. *Personal Communication [email] with Stephanie Cormier, Principal Planner, Yolo County Department of Community Services*. June 18, 2020.
61. National Aeronautics and Space Agency. *Global Climate Change*. Available at: <https://climate.nasa.gov/>. Accessed August 2019.
62. Nichols Consulting Engineers, Chtd. *Phase I and Limited Phase II Environmental Site Assessment, Shifler Property, Yolo County APNs 025-430-01, 025-430-02, 025-120-32, and 025-120-33, Yolo County, California*. September 27, 2007.
63. Northwest Information Center. *County File Number ZF2018-0078 / Portions of APNs 025-120-032, 025-120-033, 025-430-001, and 025-430-002 / Teichert Shifler Mining and Reclamation*. September 5, 2019.
64. O'Brien, Lacey, Administrative Assistant, Yolo-Solano Air Quality Management District. *Personal communication [email] with Jacob Byrne, Senior Associate/Air Quality Technician*. May 20, 2020.
65. Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*. February 2015.
66. Office of Environmental Health Hazard Assessment. *Part B: Health Risk Assessment for Diesel Exhaust*. May 1998.
67. Parks, Jim, Director, Customer Care and Marketing, Valley Clean Energy. *Personal communication [email] with Jacob Byrne, Senior Associate/Air Quality Technician, Raney Planning & Management, Inc*. June 22, 2020.
68. Peak & Associates, Inc. *Cultural Resource Assessment for the Shifler Mining and Reclamation Project, Yolo County, California*. January 2015.
69. Ramboll. *Instructions for Sac Metro Air District Minor Project and Strategic Area Project Health Effects Screening Tools*. January 28, 2020.
70. Sacramento Area Council of Governments. *Watts-Woodland Airport, Comprehensive Land Use Plan*. March 1993.
71. Sacramento Metropolitan Air Quality Management District. *2013 Revisions to the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan*. September 26, 2013.



72. Sacramento Metropolitan Air Quality Management District. *CEQA Guidance & Tools*. Available at <http://www.airquality.org/Businesses/CEQA-Land-Use-Planning/CEQA-Guidance-Tools>. Accessed June 2020.
73. Sacramento Metropolitan Air Quality Management District. *Guidance to Address the Friant Ranch Ruling for CEQA Projects in the Sac Metro Air District*. January 31, 2020.
74. Sacramento Metropolitan Air Quality Management District. *PM<sub>2.5</sub> Implementation/Maintenance Plan and Re-designation Request for Sacramento PM<sub>2.5</sub> Nonattainment Area*. October 24, 2013.
75. Sacramento Metropolitan Air Quality Management District. *Strategic Area Project Health Effects Tool*. January 28, 2020.
76. Sacramento Metropolitan Air Quality Management District and Ramboll Environ. *Construction Mitigation Tool Version 8.0*. April 2018.
77. South Coast Air Quality Management District. *Final 2012 Air Quality Management Plan*. December 2012.
78. Teichert Materials. *Biological Resources Assessment, Teichert Shifler Mining Project*. January 2020.
79. Teichert Materials. *Shifler Mining and Reclamation Plan, Yolo County, California*. June 2018.
80. Travis Morse, Senior Project Manager, USACE, CO West Section. Personal communication [letter] with Baba, Barry, Habitat Resource Manager, Teichert Materials. June 3, 2020.
81. United Nations. *United Nations Framework Convention on Climate Change*. 1992.
82. U.S. Department of Agriculture, Natural Resources Conservation Service. *Web Soil Survey*. Available at: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>. Accessed June 2020.
83. U.S. Department of Agriculture, National Resources Conservation Service. *Custom Soil Resource Report for Yolo County, California. Shifler Mining and Reclamation Project*. June 12, 2019.
84. U.S. Department of Agriculture, Natural Resource Conservation Service, Regents of the University of California (Agricultural Experiment Station). *Soil Survey of Yolo County, California*. 1972.
85. U.S. Department of the Interior. *Effects of Aircraft Noise and Sonic Booms on Domestic Animals and Wildlife: A Literature Synthesis*. June 1988. Available at: <https://www.nonoise.org/library/animals/litsyn.htm#3.1.1%20Domestic%20Livestock>. Accessed June 23, 2020.
86. U.S. Energy Information Administration. *California Net Electricity Generation by Source*. Available at: <https://www.eia.gov/state/index.php?sid=CA#tabs-4>. Accessed June 2020.
87. U.S. Energy Information Administration. *California: State Profile and Energy Estimates*. Available at: <https://www.eia.gov/state/index.php?sid=CA>. Accessed June 2020.
88. U.S. Environmental Protection Agency. *Air Actions in the Sacramento Metro Area*. October 3, 2012. Available at: <http://www.epa.gov/region9/air/actions/sacto/index.html>. Accessed March 2018.
89. U.S. Environmental Protection Agency. *Air Emissions Factors and Quantification; AP-42: Compilation of Air Emissions Factors*. Available at: <https://www.epa.gov/air-emissions->



- factors-and-quantification/ap-42-compilation-air-emissions-factors#Proposed/. Accessed August 2019.
90. U.S. Environmental Protection Agency. *Compilation of Air Pollutant Emission Factors (AP-42), Fifth Edition*. January 1995.
  91. U.S. Environmental Protection Agency. *Sources of Greenhouse Gas Emissions*. Available at: [https://19january2017snapshot.epa.gov/ghgemissions/sources-greenhouse-gas-emissions\\_.html](https://19january2017snapshot.epa.gov/ghgemissions/sources-greenhouse-gas-emissions_.html). Accessed March 2018.
  92. U.S. Environmental Protection Agency. *User's Guide for the AMS/EPA Regulatory Model (AERMOD)*. December 2016.
  93. U.S. Occupational Safety and Health Administration. *Silica, Crystalline*. Available at: <https://www.osha.gov/dsg/topics/silicacrystalline/>. Accessed April 2020.
  94. Water Resources Association of Yolo County. *Integrated Regional Water Management Plan*. April 2007.
  95. Woodard, Brittany, Sacramento Metropolitan Utility District. Personal communication [email] with Jacob Byrne, Senior Associate/Air Quality Technician, Raney Planning and Management. June 12, 2018.
  96. Wyatt, David. *Memorandum: Preconstruction Chiroptera (Bat) Survey*. April 8, 2016.
  97. Yolo County. *2030 Countywide General Plan*. November 10, 2009.
  98. Yolo County. *Bicycle Transportation Plan, Bicycle Routes and Priorities*. March 2013.
  99. Yolo County. *Cache Creek Area Plan Update Project, Final Environmental Impact Report*. SCH# 2017052069. December 2019.
  100. Yolo County. *Cache Creek Resources Management Plan (CCRMP) for Lower Cache Creek*. December 17, 2019.
  101. Yolo County. *Granite Esparto Mining and Reclamation Project Final Environmental Impact Report*. SCH# 2009022033. October 25, 2010.
  102. Yolo County. *Updated Final Cache Creek Improvement Program (CCIP) for Lower Cache Creek*. December 2019.
  103. Yolo County. *Updated Final Off-Channel Mining Plan (OCMP) for Lower Cache Creek*. December 17, 2019.
  104. Yolo County. *Yolo County 2030 Countywide General Plan Environmental Impact Report*. SCH# 2008102034. April 2009.
  105. Yolo County. *Yolo County Climate Action Plan: A Strategy for Smart Growth Implementation, Greenhouse Gas Reduction, and Adaptation to Global Climate Change*. March 15, 2011.
  106. Yolo County. *Yolo County General Plan Update Background Report*. January 2005.
  107. Yolo County Board of Supervisors. Board Agenda Item #23, Teichert Shifler General Plan Amendment Request, Minutes & Supporting Materials. December 16, 2014.
  108. Yolo County Department of Agriculture and Weights and Measures. *Yolo County 2017 Agricultural Crop Report*. October 2018.



109. Yolo Office of Emergency Services. *Know Your Zone*. Available at: <https://yolo.maps.arcgis.com/apps/webappviewer/index.html?id=5458e2e8c8c54e19923da248ac3add0c/>. Accessed August 2019.
110. Yolo Subbasin Groundwater Agency. *Yolo Subbasin Groundwater Sustainability Plan*. Available at: <https://yologroundwater.org/index.php/yolo-subbasin-groundwater-sustainability-plan/>. Accessed July 2019.
111. Yolo-Solano Air Quality Management District. *Handbook for Assessing and Mitigating Air Quality Impacts*. July 11, 2007. Available at: <http://www.ysaqmd.org/documents/CEQAHandbook2007.pdf>. Accessed June 2020.
112. Yolo-Solano Air Quality Management District. *State Standards and Planning*. Available at: <http://www.ysaqmd.org/planning/state.php>. Accessed November 2016.
113. Yolo-Solano Air Quality Management District. *Triennial Assessment and Plan Update*. April 2013. Available at: <http://www.ysaqmd.org/documents/plans/Triennial%20Plan%202012%20DRAFT.pdf>. Accessed November 2016.

