

# 10.1 SECTION 1: INTRODUCTION

- CDC (California Department of Conservation). 2013. California Surface Mining and Reclamation Policies and Procedures, Guidelines for Classification and Designation of Mineral Lands. Accessed September 4, 2014. Available at http://www.conservation.ca.gov/smgb/Guidelines/Documents/ClassDesig.pdf.
- City of Chula Vista. 2005. General Plan. Chapter 8, Public Facilities and Services Element.

  Adopted December 13, 2005. Accessed July 11, 2014. Available at

  http://www.chulavistaca.gov/City\_Services/Development\_Services/Planning\_Building/
  General\_Plan/documents.asp.

#### 10.2 SECTION 2: PROJECT DESCRIPTION

- ATI Architects and Engineers. 2004. PG&E Potrero to Hunters Point 115 kV Cable Project Draft Electric and Magnetic Field Hazard Technical Memorandum. Document Number E2105-MEM-002-RV1. June 25, 2004.
- Geosyntec (Geosyntec Consultants). 2012. Geotechnical Investigation: 69-kV Transmission Line TL 6965 Salt Creek Substation to Miguel Substation, Chula Vista, California. August 22, 2012.
- Kleinfelder. 2008. Geotechnical Investigation, Proposed SDG&E Otay Ranch Substation, Chula Vista, California. March 7, 2008.
- NERC/WECC (North American Electric Reliability Corporation and Western Electric Coordinating Council). 2007. WECC Planning Standards, Table 1 (Transmission System Standards). Revised September 2007.
- SDG&E (San Diego Gas and Electric Company). 2013a. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- \_\_\_\_\_. 2013b. Request for Additional Data. A.13-09-014 SDG&E 11/25/13 Response Salt Creek Substation Project PTC Energy Division Additional Data Request #2 Dated December 20, 2013 AD2-ED-004. November 2013.
- \_\_\_\_\_. 2014. A.13-09-014 SDG&E 01/31/14 Response Salt Creek Substation Project PTC Energy Division Additional Data Request #2 Dated December 20, 2013 AD2-ED-004. January 2014.

### 10.3 SECTION 3: ALTERNATIVES

- CEC (California Energy Commission). 2001. CalPeak Power Border, LLC Staff Assessment for Emergency Permit Docket # 01-EP-14. July 5, 2001.
- \_\_\_\_\_\_. 2007. Distributed Generation and Cogeneration Policy Roadmap for California. Staff Report, CEC-500-2007-021, March 2007. Accessed December 29, 2014. Available at http://www.energy.ca.gov/2007publications/CEC-500-2007-021/CEC-500-2007-021.PDF.
- \_\_\_\_\_. 2015. Energy Almanac: Annual Generation -- Plant Unit. Last updated in 2015. Accessed April 27, 2015. Available at http://energyalmanac.ca.gov/electricity/web\_qfer/Annual\_Generation-Plant\_Unit.php.
- California Public Utilities Commission. 2013. Biennial Report on Impacts of Distributed Generation: Prepared in Compliance with AB 578 With Data through 2011 and Selected 2012 Data. Prepared by Black & Veatch. May 2013.
- DOE (U.S. Department of Energy). 2013. California Energy Incentive Programs. Updated August 2013. Accessed January 2, 2015. Available at http://energy.gov/eere/femp/energy-incentive-programs-california.
- SDG&E (San Diego Gas and Electric Company). 2013. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- Wildflower Energy LP. 2001. Attachment B: California Energy Commission Air Quality Self-Certification Checklist for Simple-Cycle Gas Turbine Generation Units, Application for Certification Pursuant to the 21-Day Emergency Permitting Process: Larkspur Energy Facility, San Diego, California. March 7, 2001.

#### 10.4 SECTION 4: EVALUATION OF IMPACTS

- CDC (California Department of Conservation). 2013. California Surface Mining and Reclamation Policies and Procedures, Guidelines for Classification and Designation of Mineral Lands. Accessed March 19, 2015. Available at http://www.conservation.ca.gov/smgb/Guidelines/Documents/ClassDesig.pdf.
- City of Chula Vista. 2005. City of Chula Vista General Plan. Adopted December 13, 2005. Accessed April 2, 2015. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.

### 10.5 SECTION 4.1: AESTHETICS

AECOM. 2015. Visual simulations prepared by AECOM. Revised March 2014 through February 2015.

- Caltrans (California Department of Transportation). 2014. California Scenic Highway Mapping System. Available at http://www.dot.ca.gov/hq/LandArch/scenic\_highways/. Accessed April 10, 2014.
- <u>City of Chula Vista. 2003. Greenbelt Master Plan Map. Adopted by the Chula Vista City Council on September 16, 2003. http://www.chulavistaca.gov/departments/development-services/planning/chula-vista-greenbelt-master-plan</u>
- City of Chula Vista. 2005. City of Chula Vista General Plan. Adopted December 13, 2005. Access September 4, 2014. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.
- . 2014. Otay Ranch University Villages Project Comprehensive SPA Plan Amendment: Final Environmental Impact Report. SCH No. 2013071077. Prepared November 2014. http://www.chulavistaca.gov/home/showdocument?id=8449
- County of San Diego. 2011. San Diego County General Plan. Adopted August 3, 2011. Accessed September 4, 2014. Available at http://www.sdcounty.ca.gov/pds/generalplan.html.
- Estrada Land Planning. 2012. Visual simulations prepared by Estrada Land Planning. December 2012. Revised May 2013 through January 2014.
- FHWA (Federal Highway Administration). 1988. Visual Impact Assessment for Highway Projects. Publication No. FHWA-HI-88-054. U.S. Department of Transportation. 1988.
- \_\_\_\_\_. 2015. Guidelines for the Visual Impact Assessment of Highway Projects. Document No. FHWA-HEP-15-029. U.S. Department of Transportation. January 2015.
- Kleinfelder. 2008. Geotechnical Investigation, Proposed SDG&E Otay Ranch Substation, Chula Vista, California. March 7, 2008.
- Merriam-Webster. 2015. Definition of Law of Reflection. Accessed April 28, 2015. Available at http://www.merriam-webster.com/dictionary/law%20of%20reflection.
- NPS (U. S. National Park Service). 1968. Public Use of the National Park System, 1872 2000. Chapter 5: National Patterns of Outdoor Recreation and the National Park System. January 1, 1968. Accessed April 27, 2015. Available at http://npshistory.com/publications/public\_use/index.htm.
- SDG&E (San Diego Gas and Electric Company). 2013a. A.13-09-014 SDG&E 11/25/2013 Response to the Salt Creek Substation Project PTC Energy Division Deficiency Report Dated October 25, 2013. November 25, 2013.
- \_\_\_\_\_. 2013b. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- \_\_\_\_\_. 2014. A.13-09-014 SDG&E 01/31/14 Response Salt Creek Substation Project PTC Energy Deficiency Report #2 Dated December 20, 2013 DR2-ED-015. January 31, 2014.

	2015a. A.13-09-014 SDG&E 1/20/2015 Response Salt Creek Substation Project PTC ED-SDGE-019. January 20, 2015.
	2015b. A.13-09-014 SDG&E 1/20/2015 Response Salt Creek Substation Project PTC ED-SDGE-019. February 23, 2015.
10.6	SECTION 4.2: AGRICULTURE AND FORESTRY
	(California Department of Conservation). 2010a. Farmland Mapping and Monitoring Program, San Diego County Important Farmland. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/2010/. Accessed November 21, 2013.
	2010b. Table A-29: San Diego County 2008-2010 Land Use Conversion. Available at http://redirect.conservation.ca.gov/ DLRP/fmmp/county_info_results.asp. Accessed November 25, 2013.
	2013a. Division of Land Resource Protection. San Diego County Williamson Act 2013/2014. Sheet 1 of 2. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/wa/. Accessed November 21, 2013.
	2013b. Division of Land Resource Protection. Webpage, Important Farmland Categories. Available at http://www.conservation.ca.gov/dlrp/fmmp/mccu/Pages/map_categories.aspx. Accessed November 21, 2013.
	2013c. Division of Land Resource Protection. Webpage, The Land Conservation (Williamson) Act. Available at http://www.conservation.ca.gov/dlrp/lca/Pages/Index.aspx. Accessed November 21, 2013.
CDFA	(California Department of Food and Agriculture). 2012. California County Agricultural Commissioners' Reports 2011. December 17, 2012. Accessed November 26, 2013. Available at http://www.nass.usda.gov/Statistics_by_State/California/Publications/AgComm/201112c actb00.pdf.
City o	f Chula Vista. 2005. Final Environmental Impact Report, General Plan Update. Figures 5.7-1, Agricultural Zones and 5.7-2, Important Farmland Inventory and Existing Agricultural Zoning. December 2005. Accessed November 25, 2013. Available at https://www.chulavistaca.gov/city_services/Development_Services/Planning_Building/General_Plan/DEIR.asp.
	2009. Development Services, Zoning Information webpage. Accessed January 30, 2014. Available at https://www.chulavistaca.gov/city_services/Development_Services/Planning_Building/Planning/Development/Zoning.asp.

Count	y of San Diego. 2011a. 2011 Crop Statistics and Annual Report. County of San Diego Department of Agriculture, Weights and Measures. Accessed November 25, 2013. Available at <a href="http://www.sdcounty.ca.gov/reusable_components/images/awm/Docs/2011_CropReport_WEB.pdf">http://www.sdcounty.ca.gov/reusable_components/images/awm/Docs/2011_CropReport_WEB.pdf</a> .
	. 2011b. San Diego County General Plan. Adopted August 3, 2011. Accessed November 25, 2013. Available at http://www.sdcounty.ca.gov/pds/generalplan.html.
	. 2013a. Forest Conservation Initiative Lands General Plan Amendment And Supplemental Environmental Impact Report. GPA 12-004, SCH No. 2012081082. October 2013. Accessed November 26, 2013. Available at http://www.sdcounty.ca.gov/pds/advance/fcidraftseir.html.
	. 2013b. Zoning Ordinance Summary. Planning and Development Services, Zoning Division. Revised October 11, 2013. Accessed January 28, 2014. Available at http://www.sdcounty.ca.gov/pds/zoning/index.html.
SanGIS	S. 2009. County of San Diego – Planning and Development Services – Zoning & Property Information – Simplified. Zoning and General Plan GIS data. Accessed January 30, 2014. Available at http://sdcounty.maps.arcgis.com/home/item.html?id=f1b69ba9d3dd4940b8d1efcc9dac2a c4.
10.7	SECTION 4.3: AIR QUALITY
CARB	(California Air Resources Board). 2007. California Air Resources Board OFFROAD2007 Model. Available at http://www.arb.ca.gov/msei/offroad/offroad.htm.
	. 2012a. 2012 Area Designations for State Ambient Air Quality Standards: OZONE. February 2012.
	. 2012b. 2012 Area Designations for State Ambient Air Quality Standards: PM2.5. February 2012.
	. 2012c. 2012 Area Designations for State Ambient Air Quality Standards: $PM_{10}$ . February 2012.
	. 2013a. Airborne Toxic Control Measures. Available at http://www.arb.ca.gov/toxics/atcm/atcm.htm. Accessed January 20, 2014.
	. 2013b. Ambient Air Quality Standards Table. Accessed October 31, 2013. Available at http://www.arb.ca.gov/research/aaqs/aaqs2.pdf.
CEC (C	California Energy Commission). 2001a. CalPeak Power – Border, LLC Staff Assessment for Emergency Permit Docket # 01-EP-14. July 5, 2001.



	. 2007b. Eight-Hour Ozone Attainment Plan for San Diego County. May 2007.
	. 2009. 2009 Regional Air Quality Strategy Revision. April 2009.
	. 2010. Fact Sheet: Climate and Pollution. January 2010. Accessed March 27, 2014. Available at http://www.sdapcd.org/info/facts/climate-pollution.pdf.
	. 2011a. Title V Operating Permit #978248 Issued to Wildflower Energy LP/Larkspur Site ID #APCD2001-SITE-04109. Issued by the San Diego County Air Pollution Control District on June 14, 2011.
	. 2011b. Title V Operating Permit #978586 Issues to CalPeak Power – Border LLC Site ID APCD2001-SITE-04211. Issued by the San Diego County Air Pollution Control District on June 14, 2011.
SDG&	E (San Diego Gas and Electric Company). 2015a. SDG&E Response to CPUC DR #21, Question 2 Follow-up Question for the Salt Creek Substation Project PTC. February 13, 2015.
	. 2015b. SDG&E Response to Energy Division Data Request No. 20, Request for Clarifications for the Salt Creek Substation Project PTC. February 20, 2015.
Wildfl	ower Energy LP. 2001. Attachment B: California Energy Commission Air Quality Self-Certification Checklist for Simple-Cycle Gas Turbine Generation Units, Application for Certification Pursuant to the 21-Day Emergency Permitting Process: Larkspur Energy Facility, San Diego, California. March 7, 2001.
10.8	SECTION 4.4: BIOLOGICAL RESOURCES
	M. 2011a. 45-Day Summary Report of 2011 Protocol Surveys for the Coastal California Gnatcatcher for the Proposed Salt Creek Substation for SDG&E, Otay Mesa, San Diego County, California. October 4, 2011.
	. 2011b. 45-Day Summary Report of 2011 Protocol Surveys for Least Bell's Vireo for the Proposed Salt Creek Substation for SDG&E, Otay Mesa, San Diego County, California. October 4, 2011.
	. 2011c. 45-Day Summary Report of Focused Surveys for the Quino Checkerspot Butterfly for the Proposed Salt Creek Substation for SDG&E. October 4, 2011.
	. 2011d. Vegetation and Rare Plant Summary Report for the Proposed Salt Creek Substation for SDG&E. December 22, 2011.
	. 2011e. Western Burrowing Owl Presence/Absence Surveys for the Proposed Salt Creek Substation for SDG&E. December 22, 2011.

	. 2012a. 45-Day Summary Report of 2012 Focused Surveys for Quino Checkerspot Butterfly for the Proposed 69-kV Transmission Line Installation Project for SDG&E. May 15, 2012.
	. 2012b. Jurisdictional Wetlands/Waters Determination (Eastlake Drive to Otay Lakes Road Transmission Line Segment. January 17, 2012.
	. 2012c. Rare Plant Survey Report for the Proposed Salt Creek 69-kV Transmission Line Installation Project, Chula Vista, California. October 8, 2012.
	. 2012d. Reconnaissance-Level Jurisdictional Waters Assessment Summary for the Salt Creek Transmission Line from the Miguel Substation to the Proposed Salt Creek Substation. April 2, 2012.
	. 2012e. Western Burrowing Owl Presence/Absence Surveys for the Transmission Line Installation Project, Chula Vista, California. October 15, 2012.
	. 2013a. 2013 Western Burrowing Owl Summary Report for the Salt Creek Substation and Power Line Project, Chula Vista, California. September 13, 2013.
	. 2013b. 45-Day Summary Report of 2012 Focused Surveys for Coastal California Gnatcatcher for the Proposed 69-kV Transmission Line Installation Project for SDG&E. January 3, 2013.
	. 2013c. 45-Day Summary Report of 2013 Focused Surveys for the Quino Checkerspot Butterfly for the Proposed Salt Creek Substation Project for SDG&E. Prepared August 2013. August 30, 2013.
	. 2013d. Aquatic Features Summary for the Proposed Salt Creek Substation Site. January 21, 2013.
	. 2013e. Biological Resources Technical Report for Salt Creek Substation Proponent's Environmental Assessment (PEA). August 2013.
	. 2013f. Jurisdictional Delineation Report for the Salt Creek Substation Salt Creek 69-kV Transmission Line Installation Project, Chula Vista, CA. December 2013.
APLIC	C (Avian Power Line Interaction Committee). 2006. Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006. Edison Electric Institute, APLIC, and California Energy Commission. Washington, D.C. and Sacramento, California.
Bradfo	ord, T. O. 2013. Personal communication of Therese Bradford, U.S. Army Corps of Engineers, with Michelle Fehrensen, AECOM. November 21, 2013.
CalFlo	ra. 2015. CalFlora Observation Hotline, <i>Harpagonella palmeri</i> . Accessed April 14, 2015. Available at http://www.calflora.org/entry/observ.html#srch=t&lpcli=t&taxon=Harpagonella+palmeri &cch=t&inat=r&cc=SDG.

- CBOC (California Burrowing Owl Consortium). 1993. Burrowing Owl Survey Protocol and Mitigation Guidelines. April 1993.
- CDFW (California Department of Fish and Wildlife). 2009. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities. November 24, 2009.
- City of Chula Vista. 1993. Otay Ranch Resource Management Plan. October 28, 1993.

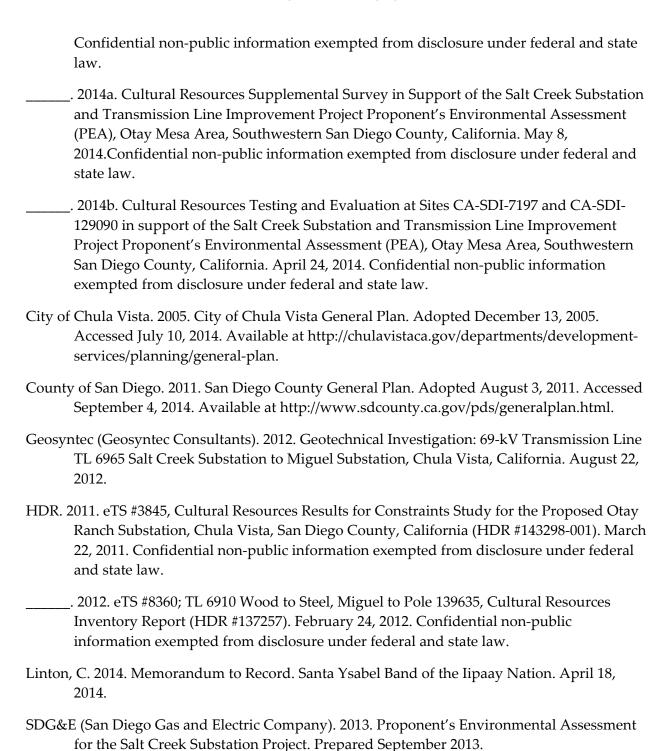
  \_\_\_\_\_\_. 2002. Otay Ranch Phase 2 Resource Management Plan. June 4, 1996. Revised August 7, 2002.

  \_\_\_\_\_\_. 2003. City of Chula Vista MSCP Subarea Plan. February 2003.
- CNPS (California Native Plant Society). 2001. CNPS Botanical Survey Guidelines. December 9, 1983. Revised June 2, 2001.
- County of San Diego. 2010. County of San Diego Report Format and Content Requirements, Biological Resources, Attachment B: Guidelines for Hermes Copper (*Lycaena hermes*). Department of Planning and Land Use and Department of Public Works. Fourth Revision. September 15, 2010.
- DeLong, J. P., and K. Steenhof. 2004. Effects of management practices on grassland birds: Prairie Falcon. Northern Prairie Wildlife Research Center, Jamestown, North Dakota. February 2004.
- Ebbin, Moser and Skaggs LLP. 2007. Low-Effect Habitat Conservation Plan for the Issuance of an Incidental Take Permit Under Section 10(a)(1)(B) of the Endangered Species Act for the Federally Endangered Quino Checkerspot Butterfly. Prepared for San Diego Gas & Electric Company. May 2007.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1. Final Report. U.S. Army Corps of Engineers Wetlands Research Program. January 1987.
- \_\_\_\_\_\_. 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual:
  Arid West Region (Version 2.0). U.S. Army Corps of Engineers Engineer Research and
  Development Center, Wetlands Regulatory Assistance Program. September 2008.
- Fisher, K. 2013. Personal communication of Kelly Fisher, California Department of Fish and Wildlife, with Tamara Spear, SDG&E. November 13, 2013.
- Holland, R. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. California Department of Fish and Game. The Resource Agency. October 1986.
- Hollenbeck, E. 2015. Personal communication of Eric Hollenbeck, California Department of Fish and Wildlife, with Susanne Heim, Panorama Environmental, Inc. March 25, 2015.

- Manville II, A.M. 2005. Bird Strikes and Electrocutions at Power Lines, Communication Towers, and Wind Turbines: State of the Art and State of the Science - Next Steps Toward Mitigation. Bird Conservation Implementation in the Americas: Proceedings 3rd International Partners in Flight Conference 2002, C.J. Ralph and T.D. Rich, Editors. USDA Forest Service General Technical Report PSW-GTR-191, Pacific Southwest Research Station, Albany, CA: 1051-1064.
- NOAA (National Oceanic and Atmospheric Administration). 2005. Endangered and Threatened Species; Designation of Critical Habitat for Seven Evolutionarily Significant Units of Pacific Salmon and Steelhead in California. Federal Register Vol. 70, No. 170. September 2, 2005.
- Oberbauer, T.M., Kelly, M. and J. Buegge. 2008. Draft Vegetation Communities of San Diego County. Based on "Preliminary Descriptions of the Terrestrial Natural Communities of California", R.F. Holland, Ph.D. October 1986. March 2008.
- USFWS (U.S. Fish and Wildlife Service). 1997. Coastal California Gnatcatcher (Polioptila californica californica) Presence/Absence Survey Guidelines. February 28, 1997. . 2000. Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants. January 2000. . 2001. Least Bell's Vireo Survey Guidelines. Carlsbad Fish and Wildlife Office. January 19, 2001. Accessed October 17, 2013. Available at http://www.fws.gov/pacific/ecoservices/endangered/recovery/documents/LBVireo.2001. protocol.pdf. . 2002. Quino Checkerspot Butterfly (Euphydryas editha quino) Survey Protocol Information. February 2002.

## 10.9 SECTION 4.5: CULTURAL AND PALEONTOLOGICAL RESOURCES

AECOM. 2012a. Cultural Resources Survey for a Proponent's Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. June 29, 2012. Confidential non-public information exempted from disclosure under federal and state law. . 2012b. Revised Cultural Resources Survey for a Proponent's Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. November 12, 2012. Confidential non-public information exempted from disclosure under federal and state law. . 2013. Final Cultural Resources Survey for a Proponent's Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. August 8, 2013.



Resource Assessment, Salt Creek Substation & Transmission Line Improvements Otay Ranch, City of Chula Vista, San Diego County, California. Department of PaleoServices.

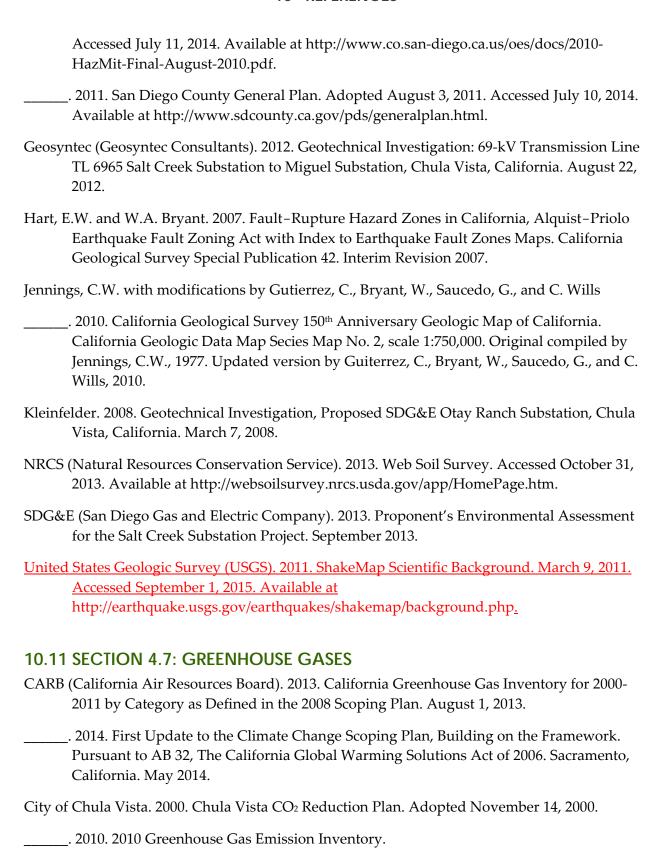
SDNHM (San Diego Natural History Museum). 2012. Technical Report Paleontological

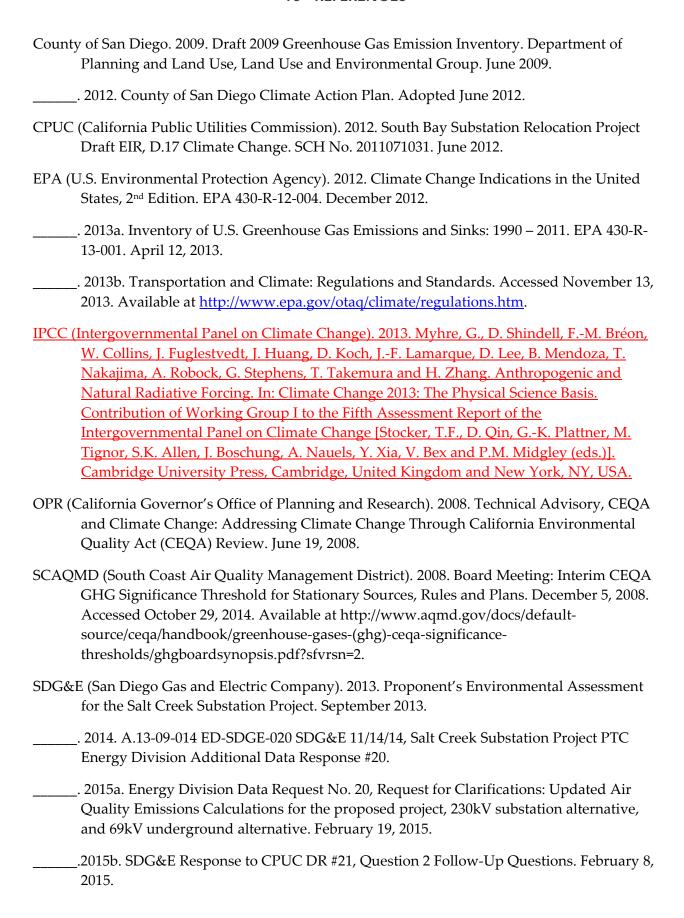
November 2, 2012.

- . 2013. Technical Report Paleontological Resource Assessment, Salt Creek Substation & Transmission Line Improvements Otay Ranch, City of Chula Vista, San Diego County, California. Department of PaleoServices. Original dated November 2, 2012. Revised January 15, 2013.
- SVP (Society of Vertebrate Paleontology). 2010. Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. Impact Mitigation Guidelines Revision Committee.
- Warren, C.N. 1967. The San Dieguito Complex: A Review and Hypothesis. *American Antiquity* 32 (2): 168–187.

#### 10.10 SECTION 4.6: GEOLOGY AND SOILS

- 2007 WGCEP (2007 Working Group on California Earthquake Probabilities). 2008. The Uniform California Earthquake Rupture Forecast, Version 2 (UCERF 2). U.S. Geological Survey Open File Report 2007–1437 and California Geological Survey Special Report 203.
- <u>California Department of Conservation (CDC). 2008. Ground Motion Interpolator. Accessed September 1, 2015. Available at http://www.quake.ca.gov/gmaps/PSHA/psha\_interpolator.html.</u>
- Cao, T., Bryant, W.A., Rowshandel, B., Branum, D. and C.J. Wills. 2003. The revised 2002 California probabilistic seismic hazard maps. Department of Conservation, California Geologic Survey. June 2003.
- CGS (California Geological Survey). 2010. Digital Database of Quaternary and Younger Faults from the Fault Activity Map of California, Version 2.0. Accessed September 4, 2014. Available at
  - http://consrv.ca.gov/CGS/information/publications/QuaternaryFaults\_ver2.htm.
- . 2013. Seismic Shaking Hazards in California, Based on the USGS/CGS Probabilistic Seismic Hazards Assessment (PSHA) Model, 2002 (revised April 2003). Last updated May 9, 2013. Accessed September 19, 2012. Available at http://redirect.conservation.ca.gov/cgs/rghm/pshamap/pshamain.html.
- \_\_\_\_\_\_. 2014. CGS's Information Warehouse, search for earthquake fault zones in San Diego County. Accessed February 6, 2014. Available at http://www.quake.ca.gov/gmaps/WH/regulatorymaps.htm.
- City of Chula Vista. 2005. City of Chula Vista General Plan. Chapter 9, Environmental Element. Adopted December 13, 2005. Accessed July 11, 2014. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.
- County of San Diego. 2010. Multi-jurisdictional Hazard Mitigation Plan, San Diego County, California. Office of Emergency Services and Unified Disaster Council. August 2010.





EIA (U.S. Energy Information Administration). 2014. Energy and the Environment Explained, Greenhouse Gases. August 15, 2014. Accessed November 19, 2014. Available at http://www.eia.gov/energyexplained/index.cfm?page=environment\_about\_ghg.

## 10.12 SECTION 4.8: HAZARDS AND HAZARDOUS MATERIALS

- ARK (ARK Engineering and Technical Services, Inc.). 2014a. AC Interference Analysis & Mitigation System Design, Proposed SDG&E 69 kV TL 6965 Circuit & SDG&E 36" Gas Pipeline, SDG&E 4" Gas Pipeline, SDCWA 69" Water Pipeline, & SDCWA 72" Water Pipeline, San Diego Gas & Electric Company. March 26, 2014.
- \_\_\_\_\_. 2014b. Salt Creek Project Proposed TL6965 Circuit. April 14, 2014. Confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements, federal and state laws and regulations.
- CalFire (California Department of Forestry and Fire Protection). 2007. Fire Hazard Severity Zone GIS Dataset.
- City of Chula Vista. 2005. City of Chula Vista General Plan. Chapter 9, Environmental Element. Adopted December 13, 2005. Accessed April 2, 2015. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.
- County of San Diego. 2010. Multi-jurisdictional Hazard Mitigation Plan, San Diego County, California. Office of Emergency Services and Unified Disaster Council. August 2010. Accessed September 6, 2014. Available at http://www.co.san-diego.ca.us/oes/docs/2010-HazMit-Final-August-2010.pdf.
- \_\_\_\_\_\_. 2011. San Diego County General Plan. Adopted August 3, 2011. Available at http://www.sdcounty.ca.gov/pds/generalplan.html .
- DTSC (California Department of Toxic Substances Control). 2013/2015. Envirostor Database. Accessed November 2013/July 2015. Available at http://www.envirostor.dtsc.ca.gov/public/.
- Eco & Associates. 2011. Phase I Environmental Site Assessment Report for a Portion of Assessor Parcel Number 643-070-10. 2011. Prepared for San Diego Gas and Electric Company. Final. April 14, 2011.
- EDR (Environmental Data Resources, Inc.) 2012. EDR DataMap Area Study. Salt Creek Project, Chula Vista, CA. Inquiry Number 3408375.1s. September 11 2012.
- EPA (U.S. Environmental Protection Agency). 2013. National Priorities List Database. Accessed November 2013. Available at http://www.epa.gov/superfund/sites/npl/.
- IEEE (Institute of Electrical and Electronics Engineers). 1986. 80-1986 IEEE Guide for Safety in AC Substation Grounding.

- OES (Office of Emergency Services). 2013. Office of Emergency Services. Accessed November 2013. Available at http://www.sdcounty.ca.gov/oes/index.html.
- SDG&E (San Diego Gas & Electric). 2013a. Application of San Diego Gas & Electric Company (U 902 E) for a Permit to Construct the Salt Creek Substation Project. Volume I of II. Application A13-09-014. September 25, 2013.
- \_\_\_\_\_\_. 2013b. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- SES (Safe Engineering Services & Consulting, Inc.). 1995. AC Interference Study, San Diego Gas & Electric Pipeline 2000/Phase IV, 230 KV Corridor (Part I) and 69 KV Corridor (Part II). Final Report. September 1995.
- SWRCB (State Water Resources Control Board). 2013. Geotracker Database. Accessed November 2013. Available at http://geotracker.waterboards.ca.gov/.

### 10.13 SECTION 4.9: HYDROLOGY AND WATER QUALITY

- AECOM. 2013. Jurisdictional Delineation Report for the Salt Creek Substation Salt Creek 69-kV Transmission Line Installation Project, Chula Vista, California. Prepared for SDG&E. December 2013.
- Brown and Caldwell. 2011. Final Hydromodification Management Plan. Prepared for County of San Diego California. January 13, 2011.
- CDWR (California Department of Water Resources). 2004. Otay Valley Groundwater Basin. California's Groundwater Bulletin 118. February 27, 2004.
- City of Chula Vista. 2005. City of Chula Vista General Plan. Adopted December 13, 2005.

  Accessed July 11, 2014. Available at

  http://www.chulavistaca.gov/City\_Services/Development\_Services/Planning\_Building/General\_Plan/documents.asp.
- County of San Diego. 2010. Multi-jurisdictional Hazard Mitigation Plan, San Diego County, California. Office of Emergency Services and Unified Disaster Council. August 2010. Accessed July 11, 2014. Available at http://www.co.san-diego.ca.us/oes/docs/2010-HazMit-Final-August-2010.pdf.\_\_\_\_\_\_. 2011. San Diego County General Plan. Adopted August 3, 2011. Available at http://www.sdcounty.ca.gov/pds/generalplan.html.
- FEMA (Federal Emergency Management Agency). 2012. Flood Insurance Rate Maps (FIRM) San Diego County, California and Incorporated Areas. Map No. 06073C1938G, 06073C1939G, and 06073C2177G. May 16, 2012.
- Geosyntec (Geosyntec Consultants). 2012. Geotechnical Investigation: 69-kV Transmission Line TL 6965 Salt Creek Substation to Miguel Substation, Chula Vista, California. August 22, 2012.

- Kleinfelder. 2008. Geotechnical Investigation, Proposed SDG&E Otay Ranch Substation, Chula Vista, California. March 7, 2008.
- SDG&E (San Diego Gas and Electric Company). 2013. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- SDRWQCB (Regional Water Quality Control Board, San Diego Region). 2011. Water Quality Control Plan for the San Diego Basin (9). Original dated September 8, 1994.

  Amendments effective on or before April 4, 2011. Made available August 28, 2012.

  Accessed February 24, 2015. Available at http://www.waterboards.ca.gov/sandiego/water\_issues/programs/basin\_plan/.
- SWRCB (State Water Resources Control Board). 2010. Integrated Report on Water Quality with Web-Based Interactive Map. April 2010.

#### 10.14 SECTION 4.10: LAND USE AND PLANNING

- City of Chula Vista. 2005. City of Chula Vista General Plan. Chapter 5, Land Use & Transportation Element. Adopted December 13, 2005. Accessed February 12, 2014. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.
- County of San Diego. 2011. San Diego County General Plan. Adopted August 3, 2011. Available at http://www.sdcounty.ca.gov/pds/generalplan.html.

### 10.15 SECTION 4.11: NOISE

- Caltrans (California Department of Transportation). 1998. Technical Noise Supplement, A
  Technical Supplement to the Traffic Noise Analysis Protocol. October 1998.
  \_\_\_\_\_\_. 2009. Technical Noise Supplement. November 2009.
  \_\_\_\_\_\_. 2013. Technical Noise Supplement to the Traffic Noise Analysis Protocol. September 2013. Available at http://www.dot.ca.gov/hq/env/noise/pub/TeNS\_Sept\_2013B.pdf.
  City of Chula Vista. 2013. Chula Vista Municipal Code, Chapter 19.68.030 Performance Standards and Noise Control, Exterior Noise Limits. Accessed July 14, 2014. Available at http://www.codepublishing.com/ca/chulavista/.
  County of San Diego. 2008. Regulatory Ordinance Section 36.404, General Sound Level Limits. Accessed July 14, 2014. Available at http://www.sdcounty.ca.gov/pds/docs/NO-404.pdf.
  \_\_\_\_\_. 2011. San Diego County General Plan. Adopted August 3, 2011. Accessed July 14, 2014. Available at http://www.sdcounty.ca.gov/pds/generalplan.html.
- FTA (Federal Transit Administration). 2006. Transit Noise and Vibration Impact Assessment. Office of Planning and Environment. FTA-VA-90-1003-06. May 2006.

- Hansen, C.H. 2001. Chapter 1: Fundamentals of Acoustics. In *Occupational Exposure to Noise:*Evaluation, Prevention and Control. World Health Organisation Special Report S64.

  Federal Institute of Occupational Safety and Health, Germany.
- Ray, E.F. 2010. Industrial Noise Series Part I, Fundamentals of Environmental Sound. Universal Acoustic & Emission Technologies. June 9, 2010.
- SDG&E (San Diego Gas and Electric Company). 2013. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.
- \_\_\_\_\_. 2015. A.13-09-014 SDG&E 1/28/2015 Partial Response Salt Creek Substation Project PTC Energy Division Request #20 on 11/3/14 ED-SDGE-020. January 28, 2015.

## 10.16 SECTION 4.12: PUBLIC SERVICES

- City of Chula Vista. 2013. About the Chula Vista Fire Department. Accessed November 22, 2013. Available at <a href="http://www.chulavistaca.gov/City\_Services/Public\_Safety/Fire\_Department/About\_CVFD/Default.asp">http://www.chulavistaca.gov/City\_Services/Public\_Safety/Fire\_Department/About\_CVFD/Default.asp</a>.
- County of San Diego. 2011. Sweetwater Community Plan San Diego County General Plan.
  Original dated August 25, 1977. Amended July 1, 2009 and adopted August 3, 2011.
  Accessed November 25, 2013. Available at
  http://www.sdcounty.ca.gov/pds/docs/CP/Sweetwater\_CP.pdf.
- San Diego County Sheriff's Department. 2013. About Us. Accessed July 10, 2014. Available at http://www.sdsheriff.net/aboutus.html.

#### 10 17 SECTION 4.13: RECREATION

	SECTION THO REGRES WHO IS
City o	f Chula Vista. 2003. City of Chula Vista Greenbelt Master Plan. Adopted September 16, 2003. Accessed November 13, 2013. Available at http://www.chulavistaca.gov/city_services/development_services/planning_building/Planning/greenbelt.asp.
	2005. City of Chula Vista General Plan. Adopted December 13, 2005. Accessed November 13, 2013. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan.
	2009. Otay Ranch Eastern Urban Center Urban Parks, Recreation, Open Space, and Trails Plan. Accessed November 15, 2013. Available at http://www.chulavistaca.gov/City_Services/Development_Services/Planning_Building/Planning/documents/ParksandRecMasterPlan4-24-09.pdf.
	2010. Parks and Recreation Master Plan Update. December 2010. Accessed November 14, 2013. Available at

http://www.chulavistaca.gov/City\_Services/Development\_Services/Planning\_Building/P DF/DraftParkandRecreationMasterPlanUpdate 001.pdf. County of San Diego. 2005. Community Trails Master Plan. Adopted January 12, 2005. Accessed November 19, 2013. Available at http://www.co.san-diego.ca.us/parks/trails.html. \_\_\_\_. 2011. San Diego County General Plan. Conservation and Open Space Element and Mobility Element. Adopted August 3, 2011. Accessed November 19, 2013. Available at http://www.sdcounty.ca.gov/pds/generalplan.html. . 2013. County Parks and Recreation. Accessed November 20, 2013. Available at http://www.co.san-diego.ca.us/parks/. Google Maps. 2013. Imagery ©2013 Google, Map data ©2013 Google, INEGI. Accessed November 20, 2013. Available at https://maps.google.com/maps?q=Chula+Vista,+CA&hl=en&ll=32.61927,-116.951019&spn=0.000819,0.001032&sll=37.6,-95.665&sspn=69.214498,135.263672&oq=chula&t=h&hnear=Chula+Vista,+San+Diego+Co unty,+California&z=21. 10.18 SECTION 4.14: TRANSPORTATION AND TRAFFIC CalTrans (California Department of Transportation). 2002. Guide for the Preparation of Traffic Impact Studies. December 2002. . 2012. 2012 Traffic Volumes on California State Highways. Prepared in cooperation with the U.S. Department of Transportation Federal Highway Administration. City of Chula Vista. 2005. City of Chula Vista General Plan. Adopted December 13, 2005. Accessed July 15, 2014. Available at http://chulavistaca.gov/departments/developmentservices/planning/general-plan \_\_\_\_\_. 2006. Notice of Decision on DRC-06-52; Eastlake Village Limited Edition, LLC. APN 595-070-57-00 & 595-070-58-00. April 3, 2006. . 2011. City of Chula Vista Bikeway Master Plan. Adopted February 1, 2011. \_\_\_\_\_. 2012. Route Information, Transit Route Information. Accessed November 12, 2013. Available at http://www.chulavistaca.gov/City\_Services/Community\_Services/Public\_Wroks\_Operat ions/Transit/routes.asp. \_\_\_\_\_. 2013a. Otay Ranch Village 8 West Traffic Impact Analysis Report. Original dated April 17, 2012. Updated March 8, 2013. \_\_\_\_\_. 2013b. Traffic Volume, City of Chula Vista. August 17, 2013.

County of San Diego. 2011. Guidelines for Determining Significance and Report Format and Content Requirements, Transportation and Traffic. Department of Public Works, Land Use and Environmental Group. Original dated September 26, 2006. Second modification August 24, 2011. \_. 2013. County Maintained Road System Maps (CRS) Index. Accessed November 8, 2013. Available at http://www.sandiegocounty.gov/content/sdc/dpw/roads/crs.html . OPR (Office of Planning and Research) 2014. "Updating Transportation Impact Analysis in the CEQA Guidelines: Preliminary Discussion Draft of Updates to the CEQA Guidelines Implementing Senate Bill 743 (Steinberg, 2013)". Dated August 6, 2014. Rodrigue, Dr. J-P. 2014. The Geography of Transport Systems. Accessed March 31, 2014. Available at http://people.hofstra.edu/geotrans/eng/methods/highwaysfd.html. SBE (South Bay Expressway). 2012. About SBX. Accessed November 8, 2013. Available at http://www.southbayexpressway.com/how-to-use-sbx/about-sbx. 10.19 SECTION 4.15: UTILITIES AND SERVICE SYSTEMS ARK (ARK Engineering and Technical Services, Inc.). 2014a. AC Interference Analysis & Mitigation System Design, Proposed SDG&E 69-kV – TL 6965 Circuit & SDG&E 36" Gas Pipeline, SDG&E 4" Gas Pipeline, SDCWA 69" Water Pipeline, & SDCWA 72" Water Pipeline, San Diego Gas & Electric Company. March 26, 2014. Confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements, federal and state laws and regulations. . 2014b. Salt Creek Project – Proposed TL6965 Circuit. April 14, 2014. Confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements, federal and state laws and regulations. . 2014c. Salt Creek Remodeled using 1,079 Amp Loading – Letter. September 18, 2014. Confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements, federal and state laws and regulations. City of Chula Vista. 2005. City of Chula Vista General Plan. Adopted December 13, 2005. Accessed February 17, 2014. Available at http://chulavistaca.gov/departments/development-services/planning/general-plan . 2008. Recycling and Solid Waste Planning Manual. October 25, 2008. Accessed June 23, 2014. Available at http://www.chulavistaca.gov/clean/environmentalservices/PDFs/Recycling%20and%20S olid%20Waste%20Planning%20Manual.pdf. . 2013. Wastewater Engineering. Accessed February 3, 2014. Available at

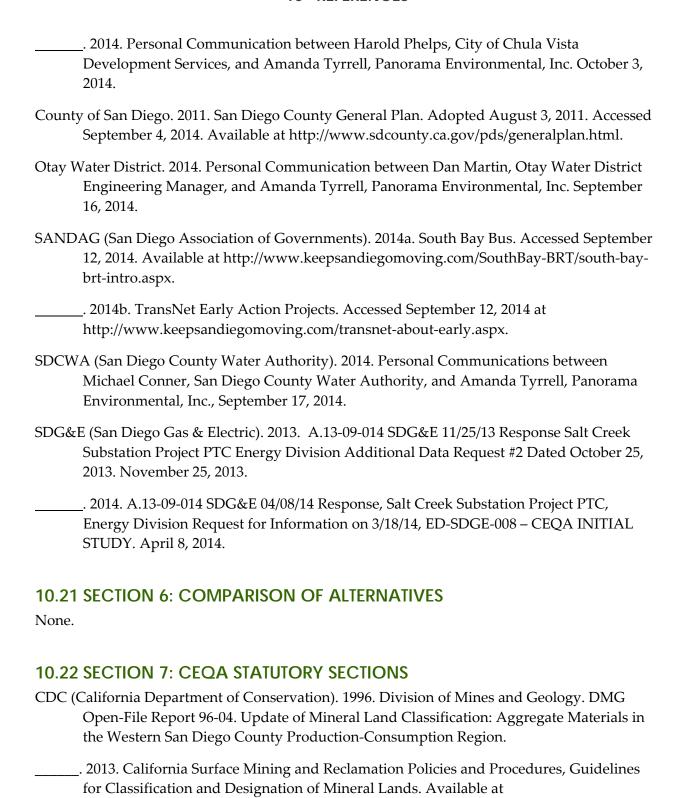
ater/WastewaterEngineering.asp.

http://www.chulavistaca.gov/City\_Services/Development\_Services/Engineering/Wastew

- City of San Diego. 2013. Point Loma Wastewater Treatment Plan. Accessed December 5, 2013. Available at https://www.sandiego.gov/mwwd/facilities/ptloma/.
- County of San Diego. 2011. Five-Year Review Report of the County Integrated Waste Management Plan for the County of San Diego. March 23, 2011. Accessed December 12, 2013. Available at <a href="http://www.sdcounty.ca.gov/dpw/recycling/Files/FINAL\_5\_YEAR\_UPDATE\_OF\_THE\_SAN\_DIEGO\_COUNTYWIDE\_CIWMP.pdf">http://www.sdcounty.ca.gov/dpw/recycling/Files/FINAL\_5\_YEAR\_UPDATE\_OF\_THE\_SAN\_DIEGO\_COUNTYWIDE\_CIWMP.pdf</a>.
- Kennedy, B. 2014. Personal communication of Bob Kennedy, P.E., Engineering Manager, Planning, Design, Environmental, and Water Resources, Otay Water District with Rita Wilke, Panorama Environmental, Inc. February 27, 2014.
- Loveland, S. 2014. Personal communication of Stacy Loveland, Special Waste Sales and Events, Republic Services with Rita Wilke, Panorama Environmental, Inc. February 19, 2014.
- Otay Water District. 2013. Recycled Water. Accessed December 5, 2013. Available at http://www.otaywater.gov/otay/page.aspx?g=71.
- \_\_\_\_\_\_. 2014. Water Sources. Accessed February 21, 2014. Available at http://www.otaywater.gov/Otay/page.aspx?g=28.
- SDCWA (San Diego County Water Authority). 2013. Accessed November 27, 2013. Available at http://www.sdcwa.org/water-supplies.
- SDG&E (San Diego Gas and Electric Company). 2013. Company Facts. Accessed December 5, 2013. Available at http://www.sdge.com/aboutus.
- \_\_\_\_\_\_. 2015a. A.13-09-014 SDG&E 1/28/2015 Partial Response Salt Creek Substation Project PTC Energy Division Request #20 on 11/3/14 ED-SDGE-020. January 28, 2015. Confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements, federal and state laws and regulations.
- . 2015b. Salt Creek Substation Project, San Diego Gas & Electric Company's Comments on the Draft Environmental Impact Report. June 29, 2015.

### 10.20 SECTION 5: CUMULATIVE IMPACTS

- Caltrans (California Department of Transportation). 2014. Major Construction Map, San Diego County. Accessed September 12, 2014. Available at http://www.dot.ca.gov/dist11/facts/MajConstMap.pdf.
- City of Chula Vista. 2003. City of Chula Vista Final Multiple Species Conservation Program (MSCP) Subarea Plan. February 2003. Accessed September 19, 2014. Available at http://www.chulavistaca.gov/City\_Services/Development\_Services/Planning\_Building/Planning/Enviromental/subAreaPlan.asp.



SDG&E (San Diego Gas and Electric Company). 2013. Proponent's Environmental Assessment for the Salt Creek Substation Project. September 2013.

http://www.conservation.ca.gov/smgb/Guidelines/Documents/ClassDesig.pdf.

10.23 SECTION 8: REPORT PREPARATION

None.

10.24 SECTION 9: MITIGATION MONITORING AND REPORTING PLAN

None.

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