APPLICANT'S SUPPLEMENTAL RESPONSE TO DATA REQUEST 16 AND 26: ADDITIONAL INFORMATION REGARDING CULTURAL RESOURCES

In this section of Applicant's Supplemental Response to CEC Staff Data Requests 16 and 26, Applicant describes the changes to the Cultural Resources section that will result from the changes to the Project Description relating to the removal of Unit 3. Per staff's request, Applicant uses a strike-out/underline format to identify changes to the Cultural Resources section of the Application for Certification that will result from the changes to the Project Description.

The Cultural Resources sub-sections that have been modified are listed in the table of contents below. If there has been no change to a Cultural Resources sub-section relating to Applicant's Supplemental Response to Data Request 16 and 26, the section is labeled "no changes" in the table of contents below.

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5.3 CULTURAL RESOURCES

5.3.1 Introduction (see Section 2.1.1 for updated for updated project description)

5.3.2 Laws, Ordinances, Regulations, and Standards

5.3.2.1 Federal

National Environmental Policy Act (42 U.S.C. §§ 4321 et seq.)

NEPA establishes a public, interdisciplinary framework for Federal agencies reviewing projects under their jurisdiction to consider environmental impacts. NEPA's basic policy is to assure that all branches of government give proper consideration to the environment prior to undertaking any major federal action that significantly affects the environment.

The Bureau of Land Management, as lead Federal agency for the Project, is responsible for preparation of an Environmental Impact Statement (EIS) in compliance with NEPA to evaluate the environmental impacts of the portions of the Rio Mesa SEGF on federal lands. ~~The Rio Mesa Solar III plant and the~~ Portions of the Project gen-tie line, upgraded Bradshaw Trail access road, and 33kV construction and emergency backup power supply line are located on public lands administered and managed by the BLM. NEPA compliance is required for this~~ese~~ portion~~s~~ of the Project through preparation of a Draft and Final EIS. The Applicant anticipates that BLM may consider RMS 1 and 2 as a connected action under NEPA. BLM is also responsible for Native American consultation, including government to government consultation regarding project facilities on BLM land.

Federal Land Policy and Management Act (43 U.S.C. §§ 1701 et seq.) *(no changes)*

Archeology and Historic Preservation: Secretary of Interior's Standards and Guidelines (48 Fed. Reg. 44716, Sept. 29, 1983) *(no changes)*

National Historic Preservation Act (16 U.S.C. §§ 470 et seq.) *(no changes)*

Section 106 of the Federal Guidelines (16 U.S.C. § 106) *(no changes)*

Executive Order 11593, "Protection of the Cultural Environment," May 13, 1971 (36 Federal Register, 8921) *(no changes)*

Antiquities Act of 1906 (16 U.S.C §§ 431-433) *(no changes)*

Archaeological Resources Protection Act of 1979 (16 U.S.C. § 470aa-470mm) *(no changes)*

Native American Graves Protection and Repatriation Act (1990) (25 U.S.C. §§ 3001 et seq.) *(no changes)*

American Indian Religious Freedom Act: 42 U.S.C. § 1996 *(no changes)*

5.3.2.2 State *(no changes)*

5.3.2.3 Local *(no changes)*

5.3.3 Affected Environment (no changes)

5.3.3.1 Natural Environment *(no changes)*

5.3.3.2 Regional Prehistoric Setting *(no changes)*

5.3.3.3 Local Vicinity Prehistoric Setting *(no changes)*

5.3.3.4 Regional Historic Context *(no changes)*

5.3.3.5 Summary of the Ethnology, Prehistory, and History of the Region *(no changes)*

5.3.3.6 Cultural Resources Inventory

Archival Research *(no changes)*

Previously Conducted Cultural Resources Investigations

Results from the original and supplemental record searches at the EIC revealed that ~~32~~ 28 cultural surveys had been previously conducted within the portion of project area that is in Riverside County, including

the project site and associated one-mile search radius, and the gen-tie line and the associated one-quarter-mile search radius. Of these, ~~20~~ 18 previous investigations appear to have been conducted within the boundaries of the project area ~~(project site or the gen-tie line corridor)~~. The EIC also included with their record search results three reports that provide an overview of the region but do not fall within the project area or one-mile search radius. The SCIC record search identified a total of eight previously conducted cultural investigations, four of which appear to cross the southern boundary of~~, and hence into,~~ the project area.

In addition, three investigations were found to have been previously conducted within the project area that are not yet available at the Information Centers. These three investigations were conducted by Applied Earthworks, AECOM and ASM Affiliates, Inc., respectively. Cumulatively, including the results of all record searches, ~~46~~ 42 investigations were previously conducted within the project area and the associated one-mile search radius, and the gen-tie line and the associated one-quarter-mile radius. Of the ~~46~~ 42 investigations, ~~27~~18 were conducted within the project area. Table 5.3-1 provides a list of all previous cultural resources investigations.

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
RI-00002	Miscellaneous Field Notes - Riverside County, San Diego Museum of Man	1953	San Diego Museum of Man	Overview of the Region Only		
~~RI-00160~~	~~Archaeological Resources Survey - West Coast - Mid-Continent Pipeline Project, Long Beach to Colorado River~~	~~1977~~	~~Greenwood and Associates~~			~~X~~
RI-00161	Paleontological, Archaeological, Historical, and Cultural Resources, West Coast-Midwest Pipeline Project, Long Beach to Colorado River	1975	Greenwood and Associates	Overview of the Region Only		
RI-00220	Interim Report Field Work and Data Analysis: Cultural Resources Survey of the Proposed Southern California Edison Palo Verde-Devers 500kV Transmission Line	1977	Archaeological Research Unit, UC Riverside	X		
RI-00221	Cultural Resource Inventory and National Register Assessment of the Southern California Edison Palo Verde to Devers	1982	WESTEC Service, Inc.	X		

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
	Transmission Line Corridor (California Portion)					
RI-00222	Final Report: Cultural Resource Survey of the Proposed Southern California Edison Palo Verde -Devers 500 kV Power Transmission Line	1977	Archaeological Research Unit, UC Riverside	X		
RI-00243	Archaeological Examinations of Mesa Drive into Sundesert Site, an Addendum Report	1977	Imperial Valley College Museum	X		
RI-00284	Cultural Resource Identification - Sundesert Nuclear Project	1977	Archaeological Research Unit, UC Riverside	~~X~~	X	
RI-00991	Persistence and Power: A Study of Native American Peoples in the Sonoran Desert and the Devers-Palo Verde High Voltage Transmission Line	1978	Cultural Systems Research, Inc.	Locational Data was not Available from the Eastern Information Center (EIC)		
RI-01020	Archaeological Examinations of West and North Perimeters of Sundesert Site and Requisition for Determination of Eligibility for the National Register Sun Desert Site	1978	Imperial Valley College Museum	X		
RI-01021	Archaeological Examinations of the South Section 21: Sundesert, An Addendum Report	1978	Imperial Valley College Museum	X		
RI-01022	Archaeological Examination of the Sundesert Nuclear Plant Site, Final Report	1975	Imperial Valley College Museum	Locational Data was not Available from EIC		
RI-01023	Archaeological Examinations of Certain Geologic Drill Test Holes and Backhoe Trenches at Sundesert	1977	Imperial Valley College Museum	~~X~~		X
RI-01038	An Aboriginal Trail Complex in the Big Maria, McCoy and Mule Mountains of the Central	1977	William D. Alderson	Locational data was not Available from EIC		

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
	Colorado Desert					
RI-01211	A Cultural Resources Overview of the Colorado Desert Planning Units	1980	Institute for American Research	Overview of the Region Only		
RI-01249	California Desert Program: Archaeological Sample Unit Records for the Big Maria Planning Unit	1978	Bureau of Land Management (BLM)	~~X~~	X	
~~RI-01300~~	~~Mule Mountains - Area of Critical Environmental Concern - Management Plan~~	~~1981~~	~~BLM, California Desert District~~			~~X~~
RI-01305	Archaeological Examinations of the Proposed Railroad Line from Ripley to Sundesert	1977	Imperial Valley College Museum	X		
RI-01664	Cultural Resource Inventory of Seisdata Services Chuckwalla Geophysical Test Corridor, Riverside County, California	1982	WESTEC Service, Inc.	X		
RI-02481	An Archaeological Inventory and Evaluation of the Pebble Terraces in Riverside County, California	1989	BLM, Palm Springs-South Coast Field Office, North Palm Springs, CA	Locational data was not Available from EIC		
RI-04061	Cultural Resources Inventory of 1,542 acres of Palo Verde Mesa and Palo Verde Valley Catellus/BLM Land Exchange Area	1998	ASM Affiliates, Inc.	X		
~~RI-04768~~	~~Cultural Resource Survey Report for the Blythe Water Project , Riverside and Imperial Counties, California~~	~~2001~~	~~Tierra Environmental Services~~		~~X~~	

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
RI-05520	Draft Southern California Gas Company Natural Gas Transmission Line 6902 Project, Riverside and Imperial Counties, CA, The Bradshaw Trail: Recommendation for National Register Eligibility	1993	LSA Associates, Inc.	Locational data was not Available from EIC		
RI-06186	Cultural Resources Overview and Survey for the Proposed Alignment of the North Baja Gas Pipeline	2000	KEA Environmental, Inc.	X		
RI-06187	Cultural Resources Evaluation for the North Baja Gas Pipeline	2001	EDAW, Inc.	X		
RI-06707	Cultural Resources Surveys of Alternative Routes within California for the proposed Devers-Palo Verde 2 Transmission Project	2008	ICF Jones & Stokes	X		
RI-06999	A Class III Cultural Resource Inventory, and Evaluation for the Coachella Canal, Lining Project: Prehistoric and Historic, Sites Along the Northeastern Shore of, Ancient Lake Cahuilla, Imperial and Riverside Counties, California	2003	ASM Affiliates, Inc.	Locational data was not Available from EIC		
RI-07204	Overview and Cultural Resources Survey for the De Anza Natural Gas Pipeline	2000	KEA Environmental, Inc.	Locational data was not Available from EIC		
RI-07348	Overview and Cultural Survey for the De Anza Natural Gas Pipeline	2000	KEA Environmental, Inc.	Locational data was not Available from EIC		
RI-07349	Chocolate Mountain Aerial Gunnery Range: Cultural Resources Survey of 12 Targets and Monitoring of 14 Archaeological Sites	2005	EDAW, Inc.	Locational data was not Available from EIC		
RI-07790	A Class II Cultural Resources	2003	ASM Affiliates,	X		

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
	Assessment for the Desert-Southwest Transmission Line, Colorado Desert, Riverside and Imperial Counties, California		Inc.			
RI-07967	A Class III Cultural Resources Survey for the Proposed Mesa Ranch Water Pipeline Right-of-Way Project, Palo Verde Mesa, Eastern Riverside County, California	2009	BLM, Palm Springs-South Coast Field Office, North Palm Springs, CA	X		
RI-08373	Final Cultural Resources Inventory of the Proposed DPV2 Colorado River Switchyard Project, Riverside County California	2009	ICF Jones & Stokes	X		
RI-08410	Draft Cultural Resources Inventory of the Proposed Devers to Palo Verde II 500 kV Transmission Line, Riverside County, California	2004	Mooney/Hayes Associates, LLC	X		
RI-08411	Final Amendment to Cultural Resources Inventory of the Proposed Blythe Energy Project Transmission Line, Riverside County, California	2009	Tetra Tech EC, Inc.	X		
(Not Yet Assigned)	Cultural Resources Class III Survey Draft Report for the Proposed Blythe Solar Power Project	2010	AECOM	X		
(Not Yet Assigned)	Class III Cultural Resources Survey Draft for the Colorado River	2011	Applied Earthworks	X		
(Not Yet Assigned)	Cultural Resources Inventory of the Proposed Colorado River Substation Expansion Project, Riverside, California	2010	ASM Affiliates, Inc.	X		
NADB 1100139	Archaeological Examinations Of A Utility Site In Palo Verde	1978	Von Werlhof, Sherilee			X

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
	Valley					
NADB 1100695	Intensive Cultural Resource Inventory for the Western Area Power Administration Blythe-Knob 161 kV Transmission Line, Riverside and Imperial Counties, California for U.S. Department of Energy Western Area Power Administration	1995	Moreno, Jerry L et al.	X		
NADB 1100854	Cultural Resources Overview and Survey for the Proposed Alignment of the North Baja Gas Pipeline. KEA Environmental, Inc.	2000	Kirkish, Alex, Rebecca Apple, Jackson Underwood, and James Cleland		X	
NADB 1100862	Cultural Resources Evaluation for the North Baja Gas Pipeline	2001	EDAW, Inc.		X	
NADB 1100864	Addendum 11 to Cultural Resources Overview and Survey for the North Baja Gas Pipeline Project - Archaeological Survey of Twenty-Four Extra Temporary Work Spaces	2002	Underwood, Jackson		X	
NADB 1101191	Draft Northern & Eastern Colorado [sic] Desert Coordinated Management Plan and Environmental Impact Statement - An Amendment to the California Desert Conservation Area Plan 1980 and Sikes Act Plan with the California Department of Fish and Game	2001	BLM and California Department of Fish and Game (CDFG)	X		
NADB 1101242	Final Environmental Impact Statement/ Environmental Impact Report and Proposed Land Use Plan Amendment - Volume I and II - North Baja Pipeline Expansion Project	2007	BLM and CDFG	X		

Table 5.3-1
Previous Cultural Resources Investigations within the Project Area
(Project Site and Gen-tie Line)

Survey Report Number	Report Title	Date	Author	Within Project Area	Within ¼-mile Radius	Within 1-mile Radius
NADB 1101243	Draft Environmental Impact Statement/ Environmental Impact Report and Draft Land Use Plan Amendment - Volumes I and II - North Baja Pipeline Expansion Project	2006	BLM	X		

BLM = United States Bureau of Land Management
CDFG = California Department of Fish and Game
EIC = Eastern Information Center
kV = kilovolt
UC = University of California

Previously Recorded Cultural Resources

The results received from EIC ~~for the three~~ records search ~~requests~~ identified ~~148~~104 previously recorded cultural resources within an area encompassing the Project footprint, transmission line, a one-mile radius from the boundary of the Project footprint and a one-quarter-mile radius from the transmission centerline. Of the ~~148~~ 104 previously recorded cultural resources, ~~89~~78 cultural resources occur within the project area (project site and transmission line corridor). Of the ~~89~~78 cultural resources in the project area, the search found that ~~six~~ five were previously determined, through the Section 106 process, as eligible for listing on the National Register (~~five~~ four lithic scatter sites and the Historic Bradshaw Trail); 12 have been previously determined, also through the Section 106 process, as ineligible for listing on the National Register (ten lithic scatter sites, one prehistoric trail and one historic road). The CRHR or NRHP eligibility status for the remaining resources identified within the project area has not been evaluated.

Results received from the SCIC in response to the URS record search request identified a total of 20 previously recorded cultural resources within portions of the project area and record search radius that enter Imperial County. Of this total, one resource occurs within the project area and the remaining 19 are within the defined record search radius; the CRHR or NRHP eligibility status for the single resource located within the project area has not been evaluated.

In addition, it was determined that ~~113~~ 86 cultural resources identified by Applied Earthworks, Inc. in its Class III Survey for the Colorado River Project (Applied Earthworks, 2011) are located within both the project area and one-mile search radius. The eligibility status for the cultural resources identified within the project area have not been evaluated.

Cumulatively, there are ~~279~~235 identified cultural resources within the project area and respective record search radii as a result of all record search requests. This value includes resources within Riverside and Imperial County. Of this total, ~~123~~104 are within the project area (project site and/or transmission line

corridor) and ~~156~~ 131 occur within the record search radius. Table 5.3-2 provides a list of all previously recorded cultural resources identified as within the project area and record search radii.

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-343; P33-000343	East-west trending trail segment that stretches for approximately 1,000 m. A cluster of hole-in-cap metal cans were located near the middle of the western segment of the trail.	Determined as ineligible for listing on NRHP, Status Code 6Y2 (2009)	2008 ICF Jones & Stokes; 2004 Mooney & Associates; 1980 University of California Riverside Anthropology Department; 1978 UC Riverside Anthropology Department; 1964 Johnston, et al.	X	
CA-RIV-650; P33-000650	North-south trail segment that intersects with a temporary campsite (CA-RIV-1821). The trail was originally recorded as measuring 2,066 m in length but was not relocated in 2004.	Not evaluated	2008 ICF Jones & Stokes; 2005 ICF Jones & Stokes; 2004 Mooney & Associates; 1980 UC Riverside Anthropology Department	X	
CA-RIV-664; P33-000664	60 m x 60 m temporary campsite located on desert pavement. Artifacts at the site include choppers, scrapers, and hammerstones.	Not evaluated	1974 Imperial Valley College Museum		X
CA-RIV-665; P33-000665	50 m x 50 m lithic scatter site containing Malpais tools including two scrapers.	Not evaluated	1974 Imperial Valley College Museum		X
CA-RIV-666; P33-000666	50 m x 50 m lithic scatter including Malpais blades, scrapers, round cobbles and secondary quartzite flaked scrapers.	Not evaluated	1974 Imperial Valley College Museum		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-668; P33-000668	Site consists of continuous lithic scatter that vary from very sparse to heavy concentrations, two aboriginal trail segments, cleared circles, San Dieguito I-III lithic work assemblages of flakes, cores, and cobbles.	Not evaluated	1984 Mooney-Lettieri & Associates, Inc.; 1978 Imperial Valley College Museum		X
CA-RIV-672; P33-000672	Extensive lithic shop with heavy concentration of tools and random scatter of tools on gravel terrace. Site includes trail and cairn.	Not evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-673; P33-000673	Two trails are identified, 1 of Native American origin and the other historic in nature, having been associated with General Patton's Desert Training Facility.	Not evaluated	1974 Imperial Valley College Museum; 1977 University of California; 1980 UC Riverside Anthropology Department; 2004 Mooney and Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-772; P33-000772	The resource is an east-west trending segment of an aboriginal trail that is included as an element of the Coco-Maricopa trail system.	Not Evaluated	1980 UC Riverside Anthropology Department; 2004 Mooney and Associates; 2004/2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-775; P33-000775	The resource consists of a trail segment trending northeast-southwest.	Not Evaluated	1980 UC Riverside Anthropology Department; 2004 Mooney and Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-1095;P33-001095	Site consists of small lithic assemblage of broken cobbles, flakes, and tools.	Not Evaluated	1974 Imperial Valley College Museum; 1976 San Bernardino County Museum	X	
~~CA-RIV-1120; P33-001120~~	~~Site consists of a flake and core scatter with ten chert flakes, one core, and two quartzite hammerstones.~~	~~Not Evaluated~~	~~1976 Cowan~~		~~X~~

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-1481; P33-001481	Site consists of six sand tempered, red, buff, grey exterior ceramic pottery sherds.	Not Evaluated	1978 E. Levy		X
CA-RIV-1488; P33-001488	Site consists of possible sleeping circles with slight mound around the edges, a house ring, a trail jutting southeast into wash, and a single sherd of sand-tempered plain buffware from the side of a large vessel.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1489; P33-001489	Chipping circle consisting of 8 pieces of material in a 0.5-m x 0.5-m area.	Not Evaluated	Unknown		X
CA-RIV-1490; P33-001490	The site consists of a trail about 3 miles in length with one lithic detritus (red jasper) alongside the trail within a 50-m x50-m transect.	Not Evaluated	Unknown	X	
CA-RIV-1745; P33-001745	Possible quartzite hammerstone in drain, between 2 granite pebble terraces, pottery scatter of pot shards, core, chopper, and sherds.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1746; P33-001746	Possible Intaglio, lithic assemblages and 5 cleared areas, trail running 50o northeast for 200 feet, random small flaking stations, and San Dieguito I-III lithic workshop.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1747; P33-001747	Site contains a trail running northeast-southwest 40o with San Dieguito II-III lithic work along the trail.	Not Evaluated	1978 Imperial Valley College Museum	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-1748; P33-001748	The site contains lithic scatters that vary from very sparse to heavy concentrations; 1 aboriginal trail segment was found in the area as well.	Not Evaluated	1978 Imperial Valley College Museum; 1984 Mooney-Lettieri and Associates	X	
CA-RIV-1749; P33-001749	Yuman I-III lithic shop, with some San Dieguito and Amargosan material.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1750; P33-001750	Yuman I-III pass campsites consisting of some lithic ceramic materials, granitic hammerstone, and Yuman tools.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1751; P33-001751	Low density lithic scatter with 5 flaking stations and 1 hearth feature.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1978 Imperial Valley College Museum; 1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-1752; P33-001752	San Dieguito I-III lithic shops, with some Yuman material.	Not Evaluated	1978 Imperial Valley College Museum	X	
CA-RIV-1819; P33-001819	A cobble quarry containing small cores, flakes, and tools primarily comprised of jasper, chalcedony, chert, and felsite with a small concentration of ceramics covering an area of 150 x 250 meters.	Determined as ineligible for listing on NRHP, Status Code 6Y2 (2009)	1980 BLM; 2004 Mooney & Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes; 2011 Applied Earthworks	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-1820; P33-001820	A dispersed lithic scatter containing debitage, reduction detritus, and cores and hammerstone of quartzite and Cryptocrystalline Silicate covering an area 25 m x 25 m.	Not Evaluated	1980 BLM; 2004 Mooney & Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-1821; P33-001821	This site is comprised of a dispersed lithic scatter with flakes, debitage, cores, ceramic scatter and hearth feature. Evidence of trail segments was also present. Calcined bone was noted within several of the fire affected rock/hearth features.	Not Evaluated	1980 BLM; 2004 Mooney & Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-1822; P33-001822	A complex lithic scatter with concentrations of ceramics and several hearth features near several trails.	Not Evaluated	1980 BLM; 2004 Mooney & Associates; 2005 Mooney/Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-5191; P33-005191	Bradshaw Trail: Major link between coastal CA and gold mines of La Paz, AZ. A gas pipeline bisects the road and an associated meter station is situated south of the road.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1993 LSA Associates; 1994 Western Cultural Resource Management; 2000 KEA Environmental, Inc., 2004 EDAW, Inc.	X	
CA-RIV-5531/H; P33-005801	Resource is a lithic scatter with 16 flaking stations and a modern refuse deposit with historic refuse intermixed with modern refuse.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5532; P33-005802	Low-density lithic scatter with one flaking station.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-5533; P33-005803	A light to moderate lithic scatter and a sparse tin scatter were identified on the site.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5534; P33-005804	The site consists of 22 flaking stations within an overall moderate lithic scatter and a low-density historic debris scatter.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5535; P33-005805	A sparse lithic scatter with areas of dense concentrations of lithic artifacts including 14 flaking stations.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5537;P33-005808	Very small lithic scatter consisting of 1 quartzite cobble core and 2 associated quartzite flakes.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000 KEA Environmental, Inc.	X	
CA-RIV-5538; P33-005809	Low-density lithic scatter with two flaking stations in a circular 10-m-diameter area. Flakes, shatters, cobbles, and cores were identified.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5539; P33-005810	This site is a sparse lithic scatter with one flaking station of flakes, shatters, fragments, cobbles, and cores.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5540; P33-005811	A dense concentration of reduced cobbles and debitage. Over 2,000 lithics, mainly unifacially reduced cobble cores, were found. Flaking stations, ceramics, and trail segments were recorded.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-5541; P33-005812	A large, moderate-density lithic scatter with 2 flaking stations. Unifacial cobble cores, split pebbles, and sparse flakes.	Determined as eligible for listing on NRHP, Status Code 2S2 (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5542; P33-005813	The site consists of a sparse lithic scatter with 1 chert multiracial cobble core, 1 quartzite unifacial cobble core, and 2 unifacial pebble cores.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5543; P33-005814	The site consists of 8 flaking stations, a rock feature, and a single piece of pottery within a low-density lithic scatter.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.	X	
CA-RIV-5545H; P33-005816	A road trending northeast-southwest with a transmission line access through the road trending northwest-southeast.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management; 2000/2001 KEA Environmental, Inc./EDAW, Inc.; 2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes	X	
CA-RIV-5551; P33-005824	The site consists of 1 chert multiracial pebble core, 1 brown siltstone split cobble, 1 chert multiracial cobble core, 1 chert unifacial cobble core, and 1 chert split pebble.	Determined as ineligible for listing on NRHP, Status Code 6Y (1997)	1994 Western Cultural Resource Management	X	
P33-005963	Isolate located along the existing Southern California Edison (SCE) Devers-Palo Verde transmission line access through-road. It consists of one primary quartzite and one secondary quartzite flake.	Not evaluated	2008 ICF Jones & Stokes		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~P33-005964~~	~~Isolate located along the Western Area Power Administration (WAPA) 161 kV transmission line between the Blythe and Pilot Knob substation. It consists of two pieces of one brown ware rim sherd.~~	~~Not Evaluated~~	~~1994 Western Cultural Resource Management~~		~~X~~
P33-005969	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 chert cobble core and 1 quartzite cobble core.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005970	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substation. It consists of 1 quartzite primary flake.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005971	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 quartzite unifacial cobble core with 2 flakes removed from ends.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005972	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 quartzite unifacial cobble core with 3 flakes removed from one end and 1 tested quartzite cobble with a single flake removed.	Not Evaluated	1994 Western Cultural Resource Management	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-005974	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 quartzite tested cobble with 1 flake removed and 1 quartzite cobble core fragment.	Not Evaluated	1994 Western Cultural Resource Management		X
P33-005975	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 reduced quartzite cobble.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005976	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 brown quartzite secondary flake.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005977	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 red quartzite unifacial cobble core.	Not Evaluated	1994 Western Cultural Resource Management	X	
P33-005978	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of 1 brown chert secondary flake with a patinated ventral surface and 1 brown secondary quartzite flake.	Not Evaluated	1994 Western Cultural Resource Management	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-005979	Isolate located along the WAPA 161 kV transmission line between the Blythe and Pilot Knob substations. It consists of one split black chert pebble core.	Not Evaluated	1994 Western Cultural Resource Management	X	
CA-RIV-6533; P33-010820	This site is a 30-m x 25-m lithic procurement area including a flaking station and several tested cobbles. Two flakes were discovered 40 meters away from the main scatter.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6534; P33-010821	A small lithic scatter consisting 3 quartzite tested cobbles and 10 total flakes (2 quartzite and eight yellow and white chert).	Not Evaluated	2000 Tierra Environmental Services		X
CA-RIV-6535; P33-010822	The site is a pair of moderately well-defined prehistoric trail segments worn into the desert pavement. Both trails are east-west and separated by a distance of 50 m. The northern trail is 80 m long and the southern trail is 40 m long.	Not Evaluated	2000 Tierra Environmental Services	X	
~~CA-RIV-6536; P33-010823~~	~~A small lithic scatter consisting of one quartzite cobble hammer, core fragment and six total flakes (three quartzite, and three white chert).~~	~~Not Evaluated~~	~~2000 Tierra Environmental Services~~		~~X~~

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-6538; P33-010825	The site consists of a single cleared circle, roughly 3 m in diameter. The feature has a well patinated, slight berm around the perimeter with an interior comprised of non-patinated small gravel and sands.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6539; P33-010826	The site consists of a small lithic concentration, composed of a unifacial cobble test core, a primary flake and a secondary flake clustered in a roughly 3-m area.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6594; P33-010881	This site consists of one flaking station containing 7+ brown opaque chert flakes.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6596; P33-010882	This flaking station consists of 1 test cobble, 1 primary flake and 1 angular waste of brown quartzite.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6612; P33-010898	This site is a temporary camp site consisting of 3 rock rings.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6613; P33-010899	This site consists of a pot drop of unidentified buffware and includes 100+ body sherds and 6 rim sherds. Reconstruction of this vessel seems possible.	Not Evaluated	2000 Tierra Environmental Services	X	
~~CA-RIV-6614; P33-010900~~	~~Site consists of 5 brown ware sherds.~~	~~Not Evaluated~~	~~2000 Tierra Environmental Services~~	~~X~~	
~~CA-RIV-6615; P33-010901~~	~~Site consists of 7 battered quartzite cobbles and hammerstone.~~	~~Not Evaluated~~	~~2000 Tierra Environmental Services~~	~~X~~	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-6616; P33-010903	Lithic scatter that includes at least 6 primary flakes of brown quartzite and 1 split white quartzite cobble.	Not Evaluated	2000 Tierra Environmental Services	X	
CA-RIV-6617; P33-010904	The scatter consists of 3 sherds made of an unidentified type of buff ware.	Not Evaluated	2000 Tierra Environmental Services	X	
P33-010906	The isolate consists of 2 milky quartz pieces of debitage.	Not Evaluated	2000 Tierra Environmental Services	X	
~~P33-010908~~	~~The isolate consists of 1 quartzite tested cobble.~~	~~Not Evaluated~~	~~2000 Tierra Environmental Services~~	~~X~~	~~X~~
P33-010909	The isolate consists of 1 quartzite tested cobble and 1 quartzite flake.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X
P33-010910	The isolate consists of 2 quartz tested cobbles.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X
P33-010911	The isolate consists of a single unifacial brown quartzite cobble chopper and a brown chert secondary flake 4 m away.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X
P33-010912	The isolate consists of a single patinated brown chert, multidirectional core. The core is half-embedded in the desert pavement.	Not Evaluated	2000 Tierra Environmental Services		X
P33-010913	The isolate consists of a single brown jasper cobble fragment, with partial flake removals.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-010923	The isolate consists of 1 quartzite oblong hammer / chopper.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X
P33-010931	The isolate consists of a well-rounded patinated secondary chert cobble flake with cortex. The flake is 2.5 cm x 2.5 cm located on desert pavement with creosote bush.	Not Evaluated	2000 Tierra Environmental Services	~~X~~	X
CA-RIV-6675; P33-011092	A low-density lithic scatter situated on a gravel terrace. Site contains 2 cores, 3 flakes, and 1 fragment of shatter in a 53-m x 23-m area.	Not Evaluated	2000 KEA Environmental, Inc.	X	
CA-RIV-6676; P33-011093	Site consists of at least 6 hole-in-top cans and 10 modern cans. Erosion has scattered cans over a 67-m x 22-m area.	Not Evaluated	2000 KEA Environmental, Inc.	X	
CA-RIV-6677; P33-011094	Well localized refuse scatter containing historic and modern refuse in a 12-m x 8-m area. There are at least 50 hole-in-top cans, glass and ceramic fragments, auto parts, wires, and about 100 modern cans.	Not Evaluated	2000 KEA Environmental, Inc.	X	
CA-RIV-6678; P33-011095	Site is a ceramic scatter of at least 12 sherds tentatively identified as Salton Brown. The site measures 6-m x 6-m.	Not Evaluated	2000 KEA Environmental, Inc.	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-011110	Resource is a section of the Blythe to Knob wooden pole, H-frame 161 kV transmission line built in 1951.	Not Evaluated	2008 ICF Jones & Stokes; 2000 Tierra Environmental Services; 2000/2001 KEA Environmental, Inc./EDAW, Inc.; 2000 KEA Environmental, Inc.	X	
P33-011111	This isolate consists of a chert core with several flake scars. The core is a quarter section of a cobble and is brownish in color measuring 4 cm x 4 cm.	Not Evaluated	2000 KEA Environmental, Inc.	X	
CA-RIV-7127/H; P33-012532	The transmission structure (built in 1940s or '50s) consists of wooden, H-frame poles and transmission wires. The portion of the line in the surveyed area is 7 miles of the Niland-Blythe 161 kV transmission line corridor. Various refuse like conductors, wires, and can scatter were found as well.	Not Evaluated	2000 KEA Environmental, Inc.; 2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes	X	
P33-013584	Isolate consists of one brown chert flake.	Not Evaluated	1980 J. Thesken		X
P33-013585	Isolate consists of three lithics: one core and two flakes.	Not Evaluated	1980 Bureau of Land Management		X
P33-013611	Isolate consists of two lithics: one chert and one quartzite flake.	Not Evaluated	1980 S. Carrico; 2008 ICF Jones & Stokes		X
P33-013612	Isolate consists of one Salton buffware ceramic sherd.	Not Evaluated	1980 S. Carrico		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-013613	Isolate consists of one chert core.	Not Evaluated	1980 S. Carrico		X
P33-013614	Site consists of 5 lithics located near a possible Palen-Ford Dry Lake spillway to the Colorado River. Scatter is composed of quartzite flakes, a large flake scraper of chert, and a domed scraper of chert.	Not Evaluated	1980 BLM	X	
P33-013615	Isolate consists of four cobble tools and one flake located in an active eolian sand area.	Not Evaluated	1980 Bureau of Land Management		X
P33-013616	An isolated projectile point fragment made of banded basalt found along the SCE access road.	Not Evaluated	1980 BLM; 2008 ICF Jones & Stokes	X	
~~P33-013617~~	~~Site consists of four Parker Buffware ceramic pottery sherds.~~	~~Not Evaluated~~	~~1990 LSA Associates, Inc.~~		~~X~~
~~P33-013633~~	~~Isolate consists of one red and gold chert flake.~~	~~Not Evaluated~~	~~1989 LSA Associates, Inc.~~		~~X~~
P33-013659	Site consists of a light density lithic scatter.	Not Evaluated	2004 Mooney and Associates; 2005 Mooney, Jones & Stokes		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-013660	This resource consists of four hearth features composed of quartzite and rhyolite cobbles and a large, light-density lithic scatter. The ceramic scatter, 5 m x 2 m, consists of six sherds of red plain ware. The hearth features cover an area of 75 m x 75 m, to 125 m x 80 m.	Not Evaluated	2004 Mooney and Associates; 2005 Mooney, Jones & Stokes		X
P33-013672	Resource consists of a variable-density lithic scatter measuring 20 m x 20 m. The principle matter is black and brown siliceous petrified wood with numerous core and hammerstone fragments.	Not Evaluated	2004 Mooney and Associates; 2005 Mooney, Jones & Stokes	X	
P33-014147	Resource consists of a communication wire trending north-south for over 435 feet. The wire is associated with the U.S. Army and is corroded with missing sheathing.	Not Evaluated	2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes	X	
P33-014148	Resource is a historic trash scatter measuring 30 feet x 60 feet. Consists of sanitary cans, a ration can, a glass jar, four beer cans, and a general concentric meat tin.	Not Evaluated	2005 Mooney, Jones & Stokes	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-014149	Site is a WW II-era military hardware scatter associated with Desert Training Center (DTC)/California-Arizona Maneuver Area (C-AMA) and includes a small concentration of metal grommets, buckles, and fasteners in a 3-foot x 3- foot area.	Not Evaluated	2005 Mooney, Jones & Stokes	X	
CA-RIV-9100; P33-014150	The resource consists of a northwest-southeast-trending two-track road approximately 5 to 6 feet wide and running intermittently for about 2 miles. Some soda bottles and ration cans are found alongside.	Not significant	2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes; 2009 Tetra Tech EC	X	
P33-014151	Resource is a ceramic scatter consisting of approximately 10 buffware sherds covering an area of 4 m x 8 m. Two rim sherds were observed. All were located in a large flood plain.	Not Evaluated	2005 Mooney, Jones & Stokes	X	
P33-014196	Resource is an isolate flake measuring 3 x 5 x 2 cms. The material is a dark gray Cryptocrystalline Silicate chert with 20percent cortex present.	Not Evaluated	2005 Mooney, Jones & Stokes		X
P33-014197	A pottery scatter consisting of 6 buffware sherds in an area 1 m x 2 m. The size of the sherds range from 3 to 8 cms and all appear to be composed of a fine temper.	Not Evaluated	2005 Mooney, Jones & Stokes		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~P33-014198~~	~~Site consists of a widely dispersed historic trash scatter containing cans, wire, meat tins and glass.~~	~~Not Evaluated~~	~~2005 Mooney, Jones & Stokes~~		~~X~~
~~P33-014200~~	~~Isolate consists of one red jasper flake.~~	~~Not Evaluated~~	~~2005 Mooney, Jones & Stokes~~		~~X~~
P33-014206	Dense concentration of ceramic scatter covering a 10-m-diameter area consisting of approximately 30 sherds of dull, brick red plain ware.	Not Evaluated	2005 Mooney, Jones & Stokes	X	
P33-014208	Light-density lithic scatter consisting of flakes, debitage, several cobbles, hammerstone, and core. The entire site covers a 5-m x 5-m area.	Not Evaluated	2005 Mooney, Jones & Stokes		X
P33-014385	Resource consists of four 0.50-caliber machine gun shell casings stamped with "43/TW," manufactured by Twin Cities Ordinance Plant, Minneapolis, Minnesota. The casings are associated with the DTC/C-AMA.	Not Evaluated	2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes	X	
P33-014386	Lithic scatter consisting of a dark violet quartzite cobble core and flake, 1 granitic hammerstone, and an assayed quartzite cobble.	Not Evaluated	2005 Mooney, Jones & Stokes; 2008 ICF Jones & Stokes	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-9005; P33-017312	This resource consists of four loci dispersed historic trash scatter across an approximately 450-foot by 350-foot area. The resources possibly represent a World War II (DTC/C-AMA) campsite or training bivouac.	Not Evaluated	2008 ICF Jones & Stokes		X
P33-017315	Small historic trash scatter measuring 3 feet x 5 feet containing 2 key-wind cans, 1 jam can all associated with military field rations of the mid-20th century.	Not Evaluated	2008 ICF Jones & Stokes		X
CA-RIV-9009; P33-017319	Historic trash scatter measuring approximately 10 feet x 13 feet and containing cans and a glass jar. The cans are mainly solder-dot, sanitary cans and key-wind cans.	Not Evaluated	2008 ICF Jones & Stokes	X	
CA-RIV-9010; P33-017320	Site consists of a lithic scatter containing two loci of petrified wood flakes and cores	Not Evaluated	2008 ICF Jones & Stokes		X
CA-RIV-9011; P33-017323	Site consists of a historic trash scatter with two concentrations containing sanitary and evaporated milk cans and one glass food jar.	Not Evaluated	2008 ICF Jones & Stokes		X
CA-RIV-9012; P33-017324	Two possible hearth features or aggregated rock scatters. The hearth features are made up of reddish quartzite cobbles. Prehistoric trails exist in the surrounding area.	Not Evaluated	2008 ICF Jones & Stokes	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-017325	Isolate containing three cans, two sanitary cans and one church key open can.	Not Evaluated	2008 ICF Jones & Stokes		X
P33-017328	A section of a historic trail running north-south and approximately 540 feet long and 1.4 feet wide. Previously recorded trail segments within 0.5 mile include CA-RIV-650T, CA-RIV-772T, and CA-RIV-775T.	Not Evaluated	2008 ICF Jones & Stokes	X	
P33-017952	Isolate containing one chert core, 8 cm x 5 cm x 4 cm, 50 percent cortex, with 5 scars, found in Aeolian deposits within a Creosote Bush desert environment.	Not Evaluated	2009 Tetra Tech EC, Inc.	X	
CA-RIV-9276; P33-018052	Site consists of a historic can scatter, consisting of 35 cans.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9277; P33-018053	Site consists of a historic trash scatter, consisting of two glass bottles and one can dating to 1942-1943.	Not Evaluated	2010 ASM Affiliates, Inc.		X
~~CA-RIV-9278; P33-018054~~	~~Site consists of a historic trash scatter, consisting of cans and glass bottles, with evidence of tank tracks.~~	~~Not Evaluated~~	~~2010 ASM Affiliates, Inc.~~		~~X~~
CA-RIV-9279; P33-018055	Site consists of a historic trash scatter, consisting of three glass bottles and one can, associated with the WWII military training at DTC/C-AMA.	Not Evaluated	2010 ASM Affiliates, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-9280; P33-018056	Site consists of the structural ruins and trash scatter of a historic bivouac probably related to WWII military training at DTC/C-AMA. The site contains two loci.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9281; P33-018057	Site consists of a historic trash scatter, consisting of widely dispersed cans and milled lumber, associated with the WWII military training at DTC/C-AMA.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9282; P33-018058	Site consists of a small historic trash scatter, consisting of a can and bottle dump in two discrete concentrations, associated with the WWII military training at DTC/C-AMA.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9283; P33-018059	Site consists of a compact prehistoric ceramic scatter and a single flake within a low density scatter of historic cans and bottles at the base of a small terrace.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9284; P33-018060	Site consists of four distinct historic refuse concentration and a dense prehistoric ceramic pot drop.	Not Evaluated	2010 ASM Affiliates, Inc.		X
CA-RIV-9285; P33-018061	Site consists of a historic refuse scatter with three loci, containing metal fragments, cans, bottles, household goods, 100+ porcelain fragments, barbed wire, glass tableware, wire nails and a jasper projectile point.	Not Evaluated	2010 ASM Affiliates, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~P33-018062~~	~~Isolate consists of 16 aqua bottle fragments from a single bottle. Markings on the bottle indicate it to be a Puritas water bottle manufactured by W.J. Latchford Glass Company of Los Angeles, CA from 1925-1938.~~	~~Not Evaluated~~	~~2010 ASM Affiliates, Inc.~~		~~X~~
P33-018063	Isolate consists of two double-edged razor blades and a can fragment.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018064	Isolate consists of a single prehistoric ceramic Brown ware sherd.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018065	Isolate consists of a single historic metal can.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018066	Isolate consists of a single historic army-type pocket knife, with brass body and wooden handle.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018067	Isolate consists of three historic brown beer bottles, dating to 1942.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018068	Isolate consists of a single colorless glass beverage bottle, manufactured by Vidriera Monterrey in Monterrey, Mexico.	Not Evaluated	2010 ASM Affiliates, Inc.		X
P33-018069	Isolate consists of a U.S. General Land Office Survey quarter-section marker dated 1917. Marking Sections 5 and 6.	Not Evaluated	2010 ASM Affiliates, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-018070	Isolate consists of a single historic brown beer bottle. Manufactured by Owen-Illinois Glass Co. at the Charleston, WV, plant in 1943.	Not Evaluated	2010 ASM Affiliates, Inc.		X
~~P33-018071~~	~~United States Government Land Office (USGLO) Survey section marker dated 1917. It marks the Public Land Survey System division between Section 31 and 32 of Township 6 South, Range 21 East on the north and Township 7 South on the south.~~	~~Not Evaluated~~	~~2010 ASM Affiliates, Inc.~~		~~X~~
~~P33-018916~~	~~Site consists of a historical refuse scatter containing five key-wind military ration cans, two other cans and one friction-lid coffee can.~~	~~Not evaluated~~	~~2010 AECOM~~		~~X~~
~~P33-018917~~	~~Site consists of a historical refuse scatter containing four key-wind military ration cans, one knife-cut can, several can fragments, and a cluster of 16 amber beer bottles.~~	~~Not evaluated~~	~~2010 AECOM~~		~~X~~
~~P33-019325~~	~~Isolate consists of a single glass bottle.~~	~~Not evaluated~~	~~2009 EDAW/AECOM~~		~~X~~
~~P33-019326~~	~~Isolate consists of a single glass bottle.~~	~~Not evaluated~~	~~2009 EDAW/AECOM~~		~~X~~
P33-019390	Isolate consists of a single Colorado Buff Ware ceramic sherd.	Not evaluated	2010 AECOM		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P33-019612	Isolate consists of a variety of isolated tin cans over a large area. Artifacts consist of three multiple serving sanitary food cans; one sanitary can; three C-ration cans; and three sanitary cans.	Not evaluated	2010 AECOM	~~X~~	X
P33-018675	A historical refuse scatter 53 m x 6 m consisting of three key-wind military ration cans and one bottle.	Not Evaluated	2009 AECOM		X
CA-IMP-00872	Indian trail course north and south.	Not Evaluated	1855 USGLO Survey Notes by R.C. Matthewson		X
CA-IMP-00873	Indian trail course north and south.	Not Evaluated	1856 USGLO Survey Notes by R.C. Matthewson		X
CA-IMP-01434	Core-detritus in wash.	Not Evaluated	1976 McI		X
CA-IMP-02455	House ring, San Dieguito II or San Dieguito III.	Not Evaluated	1978 Imperial Valley College Museum		X
CA-IMP-02456	Two hammerstones and a scraper on a narrow terrace between two drains, approximately 9.1 m x 15.2 m.	Not Evaluated	1978 Imperial Valley College Museum		X
CA-IMP-02457	Trail with 3 lithic sites, approximately 8 m x 8 m: grinding slab, teshoa scraper, chopper.	Not Evaluated	1978 Imperial Valley College Museum		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-IMP-02458	Trail bisects a small lithic site of chalcedony scrapers, cores, debitage and 1 quartzite core; San Dieguito III badly disturbed ring.	Not Evaluated	1978 Imperial Valley College Museum		X
CA-IMP-02459	Trail with hammerstone and chalcedony flakes located alongside, area about 3 m x 3 m.	Not Evaluated	1978 Imperial Valley College Museum		X
CA-IMP-02462	Site consists of a hammerstone and a core, San Dieguito III, area about 1 m x1 m.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02463	Site consists of hammerstone, cores, and lithic work debitage (San Dieguito).	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02464	Site consists of a hammerstone and two cores, San Dieguito I or II; area of 1 m x 1 m.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02465	San Dieguito I or II unifacial jasper chopper.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02466	San Dieguito I or II lithic station with hammerstone, biface chopper and debitage.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02467	San Dieguito II biface chopper.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-02468	San Dieguito III lithic station, honey quartz.	Not Evaluated	1978 Bill Nolta		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-IMP-02469	San Dieguito III site is a jasper core and flake.	Not Evaluated	1978 Bill Nolta		X
CA-IMP-07170	Isolate consists of 1 brown chert cobble core with several flakes removed and 1 tested gray chert cobble.	Not Evaluated	1994 Western Cultural Resource Management		X
CA-IMP-07237	Lithic site consists of cobble cores, tested cobble, primary/secondary/ tertiary flakes, and shatter; area is 75 m x 45 m.	Not Evaluated	1994 Western Cultural Resource Management		X
CA-IMP-07238	Two concentrations and three flaking stations.	Not Evaluated	1994 Western Cultural Resource Management		X
CA-RIV-7307/CA-IMP-7307	Site consists of a chert pebble core, chert cobble cores, siltstone split cobble, and a chert split pebble.	Not Evaluated	1994 Western Cultural Resource Management	X	
CA-RIV-9989H (AE-DEV-1H)	Low-density, historic WWII can scatter consisting of 10 cans and can fragments.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9990H (AE-DEV-2H)	Multi-component site consisting of one utilized core fragment, a chert secondary flake, eight cans and one spent brass shell.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9991 (AE-DEV-3)	Ceramic scatter consisting of 15 Lower Colorado Buffware body sherds, likely the result of a single pot drop.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-9992H (AE-DEV-4H)	WWII can refuse scatter consisting of 5 cans.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-9993 (AE-DEV-5)	Ceramic scatter consisting of 15 Lower Colorado Buffware sherds, likely the result of a single pot drop.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9994 (AE-DEV-6)	Ceramic scatter consisting of seven Lower Colorado Buffware body sherds, likely the result of a single pot drop.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9995 (AE-DEV-7)	Low-density lithic scatter consisting of debitage, cores, tested cobbles, and tools spread across two loci.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9996H (AE-DEV-8H)	Low-density historic WWII can refuse scatter consisting of three cans.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9997H (AE-DEV-9H)	Historic WWII refuse scatter consisting of two concentrations of cans, one containing 24 cans and 100+ can fragments and other containing five cans and several can fragments.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9998H (AE-DEV-10H)	Small historic WWII refuse scatter consisting of three opened C-ration cans.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-9999H (AE-DEV-11H)	Multicomponent site that consists of a lithic scatter and a historic WWII refuse scatter.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10000H (AE-DEV-12H)	Multicomponent site that consists of a low-density prehistoric lithic scatter and a historic refuse scatter.	Not Evaluated	2011 Applied Earthworks, Inc.		X

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Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10001 (AE-DEV-13)	Low-density prehistoric lithic scatter consisting of a variety of lithic debitage, cores, tested cobbles, and a core tool.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10002 (AE-DEV-14)	Low-density prehistoric lithic scatter consisting of chert, jasper, quartz, and chalcedony debitage.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10003 (AE-DEV-15)	Ceramic scatter that consists of two pot drops, one is a scatter of 81 Parker Buffware sherds and the other is a scatter of six Salton Brown sherds.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10004H (AE-DEV-16H)	Site is a small (106 feet x 94 feet [E-W x N-S]) low-density historic refuse scatter consisting of three pieces of milled lumber, three metal strap jar closures, four evaporated milk cans, and one large sanitary can.	Not Evaluated	2011 Applied Earthworks, Inc.	~~X~~	X
CA-RIV-10005H (AE-DEV-17H)	Site is a small (164 feet x 56 feet [NW-SE x NE-SW]) low-density historic can scatter consisting of one oval sardine can with cut-out lid, two sanitary can fragments, and three evaporated milk cans.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10006H (AE-DEV-18H)	Low-density scatter consisting of a historic can with a lid, a chert primary flake, and a chert biface tool fragment.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10007H (AE-DEV-19H)	1917 USGLO survey monument consisting of a stamped brass cap on a 1-inch-diameter steel pipe.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10008H (AE-DEV-20H)	Historic refuse scatter consisting of six pieces of highly weathered milled lumber, one wire nail, one 0.50-caliber belt clip, and one evaporated milk can.	Not Evaluated	2011 Applied Earthworks, Inc.		X
~~CA-RIV-10009H (AE-DEV-21H)~~	~~Multicomponent site consisting of a ceramic scatter, a historic wood-frame structure, a historic refuse scatter, a window glass scatter and a low-density artifact scatter.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10010H (AE-DEV-22H)~~	~~Low-density multicomponent site consisting of a prehistoric ceramic scatter, two lithics and two historic cans.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10011 (AE-DEV-23)~~	~~Prehistoric ceramic scatter/pot drop consisting of 34 sherds of Lower Colorado Buffware.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10012H (AE-DEV-24H)~~	~~Historic site consisting of WWII C-ration cans. The site is likely the remains of a temporary/single-use camp area associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10013H (AE-DEV-25H)	Scatter consists of 1 No. 10 sanitary can (rotary opened), 1 can friction lid with soldered handle, and the fragmented remains of 1 evaporated milk can (48 feet x 30 feet (N-S x E-W), early 20th-century).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10014H (AE-DEV-26H)	Large historic refuse scatter consisting of glass, cans, ceramics and milled lumber. In addition, there is a quartz cobble concentration that is likely associated with gold mining/prospecting activities in the area.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10015 (AE-DEV-27)	Small ceramic scatter consisting of three prehistoric ceramic body sherds (Lower Colorado Buffware).	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10016H (AE-DEV-28H)	Site is a small (11 feet x 1 foot) historic WWII-era refuse scatter consisting of three C-ration strips (one with key).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10017H (AE-DEV-29H)	Site is a small (38 feet x 44 feet [N-S x E-W]) low-density historic WWII-era refuse scatter consisting of C-ration cans (3 lids, 1 base, 1 key strip) and one 1942 mercury head dime.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10018H (AE-DEV-30H)	Site is a small (36 feet x 27 feet [N-S x E-W]) historic WWII-era temporary/single-use camp area consisting of a 12-foot x 12-foot foxhole (Feature 1) and a low-density refuse scatter.	Not Evaluated	2011 Applied Earthworks, Inc.	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10019H (AE-DEV-31H)	Site is a small (36-foot x 10-foot [N-S x E-W]) historic refuse scatter consisting of heavy gauge (0.185-inch-diameter) wire, tapered rectangular meat tin (base and lid), and a single cut metal disk (1 3/36 inch diameter).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10020H (AE-DEV-32H)	Site is a low-density WWII-era refuse scatter consisting of 20 cans/can fragments scattered across a 134-foot x 39-foot (N-S x E-W) area.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10021H (AE-DEV-33H)	Low-density historic refuse scatter, likely the remains of a temporary/single use camp by a small group of individuals. The site consists of a small concentration of cans, and a larger scatter of historic refuse including cans, bottles, glass, and a United States. Army mess kit spoon.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10022 (AE-DEV-34)	Low-density prehistoric lithic scatter consisting of one chert primary flake, two split chert cobbles, and one chalcedony core fragment.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10023 (AE-DEV-35)	Small prehistoric lithic scatter consisting of three cores, one un-patterned flake tool, and a variety of flakes, angular shatter, and tested cobbles. In addition, the site consists of a deflated hearth consisting of 100+ small cobbles to pebbles.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10024 (AE-DEV-36)	Small low-density prehistoric artifact scatter consisting of a lithic scatter and a small pot drop.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10025H (AE-DEV-37H)	This multicomponent site consists of a prehistoric lithic scatter, a historic refuse scatter, a concrete mounted marker with a fallen marker pole, and a partially filled foxhole that is likely associated with the DTC/C-AMA (1942–1944).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10026H (AE-DEV-38)	Site is small (18 m x 3.5 m) with low-density scatter consisting of a one chert core, two primary flakes, and one secondary flake.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10027H (AE-DEV-40H)	This multicomponent site consists of a prehistoric deflated hearth and lithic scatter, plus three solder-seam can fragments. The hearth is 54 cm x 40 cm (E-W x N-S) and composed of 23 large pebbles to small cobbles (2–7 cm) of petrified wood.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10028H (AE-DEV-41H)	This multicomponent site consists of an early 20th-century temporary/single use campsite associated with military maneuvers of DTC/C-AMA and two widely separated prehistoric lithic artifacts.	Not Evaluated	2011 Applied Earthworks, Inc.	X	

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10029H (AE-DEV-42H)	Historic WWII refuse scatter consisting of a scatter of C-ration cans likely associated with military activities at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10030H (AE-DEV-43H)	Site is a large (325 feet x 275 feet [E-W x N-S]) low-density, WWII-era refuse scatter consisting of 39 artifacts (cans, batteries, milled lumber, etc.), likely associated with military activities at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10031H (AE-DEV-44H)	WWII temporary campsite with two foxholes, two C-ration can lids, and a boot sole likely associated with military activities at the DTC/C-AMA. The site also contains a single prehistoric unpatterned chalcedony flake tool.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10032H (AE-DEV-45H)	Historic WWII refuse scatter consisting of 12 cans and one glass bottle that is likely the remains of a temporary camp associated with military activities at DTC/C-AMA. The site also contains a single piece of chert angular shatter.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10033H (AE-DEV-46)	Site is a large (175 m x 123 m [N-S x E-W]) prehistoric mid-stage lithic resources reduction area consisting of 644 artifacts. More than 50percent of the total assemblage is composed of secondary flakes. Material used at the site is primarily chert (71 percent) and quartzite (26percent) with a variety of other minor materials in use (3percent). The site also contains a deflated hearth.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10034H (AE-DEV-47H)	Site is a small (25 feet x 11 feet [E-W x N-S]) low-density, WWII-era refuse scatter consisting of five cans, likely associated with activities at the DTC/CA-AZ (1942-44).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10035H (AE-DEV-48H)	Multicomponent site consisting of both a prehistoric component and historic WWII component. The prehistoric artifact scatter consists of one piece of chert angular shatter and 14 Lower Colorado Buffware sherds. The historic materials on site consist of refuse from a single-use campsite associated with military maneuvers at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10036 (AE-DEV-49)	Prehistoric ceramic scatter consisting of two small concentrations of Lower Colorado Buffware.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10037 (AE-DEV-50H)	Multicomponent site consisting of a historic refuse scatter (cans, glass and milled lumber) and a prehistoric scatter (seven ceramic body sherds).	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10038 (AE-DEV-51)	Site is a small, 33 m x 12 m (N-S x E-W), prehistoric artifact scatter consisting of four ceramic concentrations with a total of 50 sherds, and a scatter of lithic debitage and one milky quartz biface. The ceramic sherds appear to be the remains of a single globular jar tentatively identified as Lower Colorado Buff, a Patayan I (A.D. 700–1050) type.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10039 (AE-DEV-52)	Site is a small, 17 m x 3.6 m (E-W x N-S), prehistoric lithic scatter consisting of a concentration of chert and quartzite debitage (preponderance of secondary flakes) and one quartzite core (3.3 m x 3.0 m [N-S x E-W]), and a single outlying quartzite secondary flake.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10040H (AE-DEV-53)	Site is a small, 3 m x 2 m (N-S x E-W), deflated prehistoric hearth consisting of 144+ pebbles to small cobbles (5–12 cm) of metavolcanic, quartz, quartzite, and limestone materials.	Not Evaluated	2011 Applied Earthworks, Inc.	X	

Table 5.3-2
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Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10041 (AE-DEV-54)	Site is a small, 25 m x 20 m (N-S x E-W), lithic resource processing area consisting of two hearths, a low-density lithic scatter that includes two chert primary flakes and two chert angular shatter, along with a single prehistoric ceramic sherd. Isolate is a single WWII-era C-ration can with lid.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10042H (AE-DEV-55H)	Multicomponent site consisting of a prehistoric lithic scatter (chert primary flake and a chert un-patterned flake tool) and a historic 1900-1950s refuse scatter and rectangular pit feature.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10043H (AE-DEV-56H)	Historic refuse scatter consisting of three vent-hole evaporated milk cans dating to 1935-1945. The date range suggests an associated with military activities at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10044H (AE-DEV-57H)	Historic refuse scatter consisting of nine artifacts. The artifacts are small ferrous metal cap covers likely associated with military activities at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10045H (AE-DEV-58H)	Historic refuse scatter representing the remains of a temporary/single-use camp area and consisting of 10 sanitary cans and can fragments and a long section of well drill casing.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~CA-RIV-10046 (AE-DEV-59)~~	~~Prehistoric artifact scatter consisting of lithics and Colorado Buffware ceramic body sherds.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10047 (AE-DEV-60)~~	~~Sparse prehistoric lithic scatter containing 39 prehistoric artifacts including primary flakes, secondary flakes, three tertiary flakes, one shatter, four assayed cobbles, one core, one modified flake and one biface.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10048H (AE-DEV-61H)~~	~~Site consists of eight prehistoric lithic artifacts and a sparse scatter of historic artifacts (three can bodies, one can lid), likely associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
CA-RIV-10049 (AE-DEV-62)	Sparse prehistoric scatter consisting of 18 lithic artifacts including primary flakes, secondary flakes, tested cobbles and one edge-modified flake.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10050H (AE-DEV-63H)	Scatter of 50 boards of milled lumber in two sizes -3.5 inches x 1.2 inches and 6.5 inches x 0.5 inches. The age of the site is undetermined, although the degree of weathering indicates approximately 40-70 years.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10051 (AE-DEV-64)	Sparse prehistoric scatter consisting of 27 lithic artifacts including primary flakes, secondary flakes, one core, and one piece of shatter.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
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(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10052 (AE-DEV-65)	Sparse prehistoric scatter consisting of 19 lithic artifacts including primary flakes, secondary flakes, one tertiary flake, two tested cobbles, one core, and one battered cobble. A single C-ration can was also observed on site.	Not Evaluated	2011 Applied Earthworks, Inc.		X
~~CA-RIV-10053 (AE-DEV-66)~~	~~Sparse scatter consisting of 16 prehistoric artifacts including primary flakes, secondary flakes, and three cores.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10054H (AE-DEV-67H)~~	~~Scatter of nine cans including three sardine cans, five sanitary seam food cans, and one can with a metal screw-top lid. The cans are likely associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10055H (AE-DEV-68H)~~	~~Scatter of five cans including two bases and three lids from key-strip opened C-rations cans. The cans are likely associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10056H (AE-DEV-70H)~~	~~Scatter of 10 cans and can lids including one C-ration can base and four C-ration can lids. The cans are likely associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~CA-RIV-10057H (AE-DEV-71H)~~	~~Scatter of 12 cans and can lids including key-strip opened C-ration cans, four rectangular meat tins, two sanitary-seam food cans, and one P38-opened can lid. These items are likely associated with military activities at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
CA-RIV-10058H(AE-DEV-72H)	Scatter covers 66 feet x 33 feet (NW-SE x NE-SW) consisting of four cans, a wire spool, one C-ration can base and three milk cans dating to 1917–1929.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10059H(AE-DEV-73H)	Scatter covers 203 feet x 68 feet (NE-SW x NW-SE) consisting of eight cans, four milk cans, two C-ration can bases, and two C-ration can lids.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
~~CA-RIV-10060 (AE-DEV-77)~~	~~Low-density scatter containing 31 prehistoric lithic artifacts and seven ceramic sherds. The lithic artifacts include debitage items and three tools. In addition, a single WWII coffee tin was found on site.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10061H (AE-DEV-78H)~~	~~Isolated foxhole or fighting position related to military exercises associated with the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10062 (AE-DEV-80)~~	~~Sparse lithic scatter containing 15 lithic debitage artifacts and one chert biface.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
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Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~CA-RIV-10063 (AE-DEV-81)~~	~~Sparse lithic scatter containing six lithic debitage artifacts including two primary flakes, three secondary flakes, and one tertiary flake.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10064 (AE-DEV-83)~~	~~Concentration of 30 Tumco Buff pottery sherds.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10065H (AE-DEV-85H)~~	~~Historic site consisting of one crushed 1-gallon sanitary food can, one medium sanitary food can, one clear glass bottle, and one steel cap.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10066H (AE-DEV-86H)~~	~~Scatter of 32 cans and can fragments within a 15-foot diameter area.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~CA-RIV-10067H (AE-DEV-87H)~~	~~WWII-era refuse scatter consisting of 13 cans and an opening key. The site is likely associated with military maneuvers at the DTC/C-AMA.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
CA-RIV-10068 (AE-DEV-88)	Site is a small, 24 m x 5.5 m (NW-SE x NE-SW), prehistoric ceramic scatter consisting of a centralized pot drop with 15 body sherds and an additional four sherds scattered outside the concentration.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10069H (AE-DEV-89H)	Historic can scatter consisting of three cans	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
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Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
CA-RIV-10070 (AE-DEV-90)	Site consists of one core and three pieces of lithic debitage (one secondary flake and one angular shatter).	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10071H (AE-DEV-91H)	Five excavation features and seven areas of excavation disturbance in a line that roughly parallels an abandoned east-west two-track road. It is likely that these are fighting positions created during training activities at the DTC/C-AMA.	Not Evaluated	2011 Applied Earthworks, Inc.		X
CA-RIV-10072H(AE-DEV-92)	Site is an 89 m x 28 m (E-W x N-S), prehistoric lithic scatter consisting of chert and quartzite debitage, tested cobbles, and cores.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
CA-RIV-10073 (AE-DEV-93)	Site is a small, 57 m x 7 m (NW-SE x NE-SW), low-density, prehistoric lithic scatter consisting of five pieces of lithic debitage (chert flakes and angular shatter).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019712 (AE-DEV-39H)	This 1917 USGLO survey monument is marking the quarter section boundary between Sections 7 and 8 of Township 7 South, Range 21 E. The brass cap marker is 2.5 in. diameter and mounted on a 12-inch tall x 1 1/8-inch outside diameter steel pipe.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019746 (AE-DEV-76H)	1917 USGLO quarter section monument with modern steel and wood posts.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P-33-019761 (AE-DEV-ISO-1H)	Pair of historic brown glass ABM bottles. Bottle 1 has an "Owens Illinois Glass Company" mark indicating production in 1943. Bottle 2 has an L-M symbol indicating producing at the Latchford Marble Glass Co., Los Angeles, CA (1939-1957).	Not Evaluated	2011 Applied Earthworks, Inc.		X
P-33-019762 (AE-DEV-ISO-2)	Quartzite tested cobble with two adjacent flake scars on one surface.	Not Evaluated	2011 Applied Earthworks, Inc.		X
~~P-33-019763 (AE-DEV-ISO-3)~~	~~Two isolated prehistoric lithic artifacts; one quartzite pebble tool and one quartzite tested cobble.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
P-33-019764 (AE-DEV-ISO-4)	Isolate is a single wind-blown chalcedony tertiary flake (40.32 x 24.29 x 9.9 mm [L x W x Th]).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019765 (AE-DEV-ISO-5)	Isolated prehistoric un-patterned flake tool fashioned from a chert primary flake.	Not Evaluated	2011 Applied Earthworks, Inc.		X
P-33-019766 (AE-DEV-ISO-6)	Isolate is a pair of lithic artifacts: 1 chalcedony exhausted core and 1 chert bipolar secondary flake.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019767 (AE-DEV-ISO-7)	Isolated prehistoric chert biface fragment. The artifact appears to be a projectile point with a missing distal end.	Not Evaluated	2011 Applied Earthworks, Inc.		X
P-33-019768 (AE-DEV-ISO-8)	Portable prehistoric milling slab measuring 26.2 x 23.5 x 9 cm [L x W x Th].	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
P-33-019769 (AE-DEV-ISO-9)	Isolate is a single prehistoric quartzite primary flake (6.4 x 3.4 x 3.1 cm [L x W x Th]).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019770 (AE-DEV-ISO-10H	Site contains of one prehistoric lithic artifact, a chert primary flake, and one historic artifact, a vent-hole evaporated milk, with "PUNCH HERE") 1935–1950s (Kimball 2005).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019771 (AE-DEV-ISO-11)	Isolated prehistoric chert core.	Not Evaluated	2011 Applied Earthworks, Inc.		X
P-33-019772 (AE-DEV-ISO-12)	Isolated prehistoric quartzite cobble core.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019773 (AE-DEV-ISO-13)	Isolate consists of two prehistoric flakes. Artifact 1 is a quartzite primary flake and Artifact 2 is a chert tertiary flake fragment.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019774 (AE-DEV-ISO-14H)	Isolate consists of a pair of unrelated artifacts; one single prehistoric ceramic body sherd (un-typed Lower Colorado Buffware) and one base of a WWII-era C-ration can (1942–1944).	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019775 (AE-DEV-ISO-15)	Isolate is a single piece of highly weathered chert angular shatter.	Not Evaluated	2011 Applied Earthworks, Inc.	X	
P-33-019776 (AE-DEV-ISO-16)	Isolated prehistoric tested cobble with two flakes removed.	Not Evaluated	2011 Applied Earthworks, Inc.		X

Table 5.3-2
Previously Recorded Cultural Resources within the Project Area
(Project Site and Transmission Line)

Resource Identifier	Description	Federal/State Eligibility Status	Date/Author	Within Project Area	Within 1-Mile Radius
~~P-33-019777 (AE-DEV-ISO-17)~~	~~Two prehistoric groundstone artifacts; one is a milling slab and the other is a quartzite unifacial handstone.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~P-33-019778 (AE-DEV-ISO-18)~~	~~Two prehistoric ceramic body sherds of un-typed Lower Colorado buffware.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
P-33-019779 (AE-DEV-ISO-19)	Isolated prehistoric groundstone fragment.	Not Evaluated	2011 Applied Earthworks, Inc.		X
~~P-33-019780 (AE-DEV-ISO-20)~~	~~Isolated tertiary flake of brown chert.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		X
P-33-019781 (AE-DEV-ISO-21H)	Isolated clear glass mason jar with maker's mark "CROWN PRODUCTS CORP./2/3698/SF & LA" embossed on the base.	Not Evaluated	2011 Applied Earthworks, Inc.		X
P-33-019782 (AE-DEV-ISO-22)	Isolated prehistoric ceramic sherd of Topock Buff.	Not Evaluated	2011 Applied Earthworks, Inc.		X
~~P-33-019783 (AE-DEV-ISO-23)~~	~~Isolated tested cobble and one C-ration can base.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~P-33-019784 (AE-DEV-ISO-24)~~	~~Isolated piece of mottled brown and black chert angular shatter.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~
~~P-33-019785 (AE-DEV-ISO-25)~~	~~Isolated brown chert core tertiary flake.~~	~~Not Evaluated~~	~~2011 Applied Earthworks, Inc.~~		~~X~~

C-AMA = California-Arizona Maneuver Area
DTC = Desert Training Center
kV = kilovolt
SCE = Southern California Edison
USGLO = United States Government Land Office
WAPA = Western Area Power Administration

5.3.3.7 Archaeological Survey

Survey and Recordation Methods

Archaeological Sites and Isolates (no changes)

Archaeological Linear Features (no changes)

Field Data Post-Processing (no changes)

Archaeological Research and Survey Results

Intensive pedestrian surveys were performed within the archaeological survey area between March 9 ~~and~~ through May 31, 2011 and January 4 through 8, 2012 under the direct supervision of individuals who meet the Secretary of Interior Standards for Archaeology (Prehistoric and Historic). In addition to basic topographic and feature data, field maps included the survey area, known access routes, and previously recorded cultural resources. Survey staff identified, recorded, and provided evaluation recommendations for archaeological resources older than 45 years (pre-1966). The identified sites were photographed with a digital camera, mapped with sub-meter GPS units, and recorded on the appropriate DPR 523 series forms. The forms were used to document the resources and their major elements, level of alteration, registry eligibility recommendations, and integrity. Additionally, URS field survey and reporting procedures used field manuals and context documents provided by the BLM and CEC to cultural resources identified within the project area. Tables 5.3-8 and 5.3-9 provide a list of all newly recorded and updated archaeological resources within the project area.

The URS team identified a total of ~~2,237~~2,290 cultural resources within the original survey areas for archaeology and architectural history~~project area~~. Since the completion of these surveys, the Project has been modified. Unit 3 (RMS III), which is located primarily on BLM land (approximately 1,260 acres) and partially on privately (80 acres) and County (160 acres) owned lands, has been removed from the project design (approximately 1,500 acres). As a result, 388 archaeological resources (300 isolates and 88 sites) have been excluded. The revised number of cultural resources within the APE is now 1,902 (461 archaeological sites, 1,428 archaeological isolates, and 13 historic –period architectural resources) - (refer to Appendix E, Figures 5-1 through 5-4 in the Technical Report– Under Confidential Filing).

Of the ~~526~~ 461 archaeological sites within the project area, 61~~222~~ archaeological sites require further testing to determine eligibility for listing in the NRHP and CRHR. There are five sites within the archaeological survey area that have been previously determined eligible for NRHP and CRHR. The remaining 1,823 archaeological resources (395 sites, and 1,428 isolates) are recommended not eligible under any criteria of the NRHP or CRHR.

~~are recommended as being eligible for the NRHP (Refer to Table 5-1 and 5-2 in section 5 of the Technical Report - Under Confidential Filing) because these sites have the potential under criterion (d) of the NRHP to have yielded, or may be likely to yield, information important in prehistory or history (36 CFR 60.4). Also applicable is the CRHR in that these sites may have yielded or are likely to yield information important to prehistory or history (Section 15064.5). The remaining 304 archaeological sites (Table 5-1 and Figure 5-1 and 5-2) and 1,698 isolates within the project area are recommended not~~

~~eligible under NRHP and CRHR criteria, and the data potential is considered exhausted through the level of documentation provided in this report.~~

Of the ~~2,237~~1,902 cultural resources (1,889 archaeological and 13 historic–period architectural resources) reported, ~~122~~ 104 represent previously recorded resources within the project area. During the survey these previously recorded sites were updated or confirmed, except for nine, which could not be relocated. These sites include CA-RIV-650T, -772, ~~-775~~, -5532, -5535, -5537, -10003, ~~P-33-14147~~, and P-33-17952. The sites that could not be located appear to have been plotted incorrectly at the initial time or recordation, or to no longer exist due to disturbances and mitigation work conducted as a result of the construction of the existing pipeline and transmission lines. Section 2 of the technical report (Under Confidential Filing) provides further discussion of the record search results.

The summary archaeological site descriptions, evaluations, and tables are provided in the Cultural Resources Technical Report (Section 5 - Under Confidential Filing). The tables and summary site descriptions are extremely large (approximately 1,500 pages) and therefore have not been duplicated here for this reason.

5.3.3.8 Architectural Research and Reconnaissance Results (no changes)

5.3.3.9 Native American Contacts and Coordination (no changes)

5.3.3.10 Supplementary Record Searches and Historic Research (no changes)

5.3.4 Environmental Analysis

This section addresses the potential impacts of the Rio Mesa SEGF on cultural resources during both construction and operation of the Project. The environmental impacts are assessed for cultural resources that have been determined by the lead (federal and state) agency as eligible under applicable laws. As discussed above in Section 5.3.2, cultural resources are evaluated for eligibility status using criteria established by both federal and state mandates. For a cultural resource to be considered eligible, it must meet one or more of these criteria of the NRHP, CRHR, or satisfy uniqueness under CEQA. If a cultural site qualifies for inclusion to the NRHP it typically also qualifies for inclusion to the CRHR.

The cultural resource investigations and reports for this Project were conducted in accordance with CEQA, and pertinent sections of the PRC and CCR, as noted in Section 5.3.2. Additionally, cultural resources investigations were conducted in compliance with "Instructions to the California Energy Commission (CEC) Staff for the Review of and Information Requirements for an Application for Certification" (CEC 1992), "Regulations Pertaining to the Rules of Practice and Procedure and Power Plant Site Certification" (CEC 2007a), "Rules of Practice and Procedure and Power Plant Site Regulations Revisions" (CEC 2007b), and the Warren-Alquist State Energy Resources Conservation and Development Act, PRC Section 25000 et seq. Furthermore, because this Project involves lands managed by BLM, compliance with Section 106 of NHPA and NEPA was required, with specific guidelines for cultural resources provided in the BLM *8100 Manual* and through consultation with the BLM Palm Springs Field Office Archaeologist (George Kline). The intensive field survey was carried out under

URS' statewide permit CA-06-11 and Fieldwork Authorization 66.66 11-12 issued in March 2011 (effective through March 2012).

In summary, the URS team identified a total of ~~2,237~~ 1,902 cultural resources (1,889 archaeological and 13 historic–period architectural resources) within the project survey areas (archaeology and architectural history). ~~; 526 archaeological sites [266 prehistoric, 207 historic, 53 multi-component (including both prehistoric and historic elements), and 13 historic-period architectural resources]; and 1,698 archaeological isolated finds (refer to Section 5 of the Technical Report - Under Confidential Filing).~~

Since the completion of these surveys, the APE has changed. Unit 3 (RMS III), which is located primarily on BLM land (approximately 1,260 acres) and partially on privately (80 acres) and County (160 acres) owned land, has been removed from the project design (approximately 1,500 acres). As a result, 388 archaeological resources (300 isolates and 88 sites) have been excluded. The revised number of cultural resources within the APE is now 1,902 (461 archaeological sites, 1,428 archaeological isolates, and 13 historic–period architectural resources) - (refer to Section 5 of the Technical Report - Under Confidential Filing).

URS archaeologists recommends 61 archaeological sites for further testing to determine eligibility for listing in the NRHP and CRHR. Additionally, there are five sites within the archaeological survey area that were previously determined eligible for NRHP and CRHR. The remaining 1,823 archaeological resources (395 sites, and 1,428 isolates) are recommended not eligible under any criteria of the NRHP or CRHR.

~~URS archaeologists recommend 222 archaeological sites eligible for listing in the NRHP and CRHR. The remaining 2,002archaeological resources (304 sites, and 1,698 isolates) are recommended not eligible under any criteria of the NRHP or CRHR.~~

Of the ~~2,237~~ 1,902 cultural resources (1,889 archaeological and 13 historic–period architectural resources), ~~122~~ 104 represent previously recorded resources within the project area. During the survey these previously recorded sites were updated or confirmed, except for nine, which could not be relocated. The sites that could not be located appear to no longer exist, either due to disturbances or mitigation work conducted as a result of the construction of the existing pipeline or transmission line in the project area. Section 5 of the Technical Report (Under Confidential Filing) provides further discussion the inventory results.

The historic period architectural survey identified 13 historic-period built environment properties present in the project area. Three of the 13 properties had previously been recorded and evaluated as part of previous cultural resource investigations. These properties include the WAPA-owned Pilot Knob to Blythe 161 kV Transmission Line, the IID-owned Niland to Blythe 161 kV Transmission Line, and Bradshaw Trail. The WAPA-owned Pilot Knob to Blythe 161 kV Transmission Line was previously recorded by Christy Dolan of KEA Environmental, Inc. in 2000 and updated by both Andrew Pigniolo of Tierra Environmental Services in 2000 and William T. Eckhardt of ICF Jones & Stokes in 2008. The original site record by Dolan stated that the WAPA-owned Pilot Knob to Blythe 161 kV Transmission Line was eligible for listing on the NRHP. However, the 2000 update by Pigniolo found that the portion of the WAPA-owned Pilot Knob to Blythe 161 kV Transmission Line that had been evaluated was ineligible for NRHP listing. The 2008 update by Eckhardt did not contain an eligibility determination.

However, in 2009, the *Cultural Resources Report* for SCE's Devers-Palo Verde No. 2 Project (SCE 2009) stated that the WAPA-owned Pilot Knob to Blythe 161 kV Transmission Line was not eligible for listing on the NRHP. A detailed significance evaluation was not available as part of that report.

The IID-owned Niland to Blythe 161 kV Transmission Line was recorded by Christy Dolan of KEA Environmental, Inc. in 2000 and was updated by Stacy Wilson, Heather Kwiatkowski, and William Eckhardt of Mooney, Jones & Stokes in 2005 and by William T. Eckhardt of ICF Jones & Stokes in 2008. Although the resource was recorded, a significance evaluation was not included. In 2009, the *Cultural Resources Report* for SCE's Devers-Palo Verde No. 2 Project (SCE 2009) stated that the IID-owned Niland to Blythe 161 kV Transmission Line was not eligible for listing on the NRHP. However, a detailed significance evaluation was not available. For both of the previously-recorded transmission lines, it was determined that the segments of either property present in the project area are not eligible for listing in the NRHP, CRHR or for consideration as historical resources for purposes of CEQA. An update form was drafted for both properties to reflect this evaluation.

Our determination is that the segment of Bradshaw Trail present in the project area does not appear eligible for listing in the NRHP, CRHR, or for consideration as a historical resource for the purposes of CEQA. An updated form for Bradshaw Trail was drafted to reflect this evaluation. Although the portion of the historic-period trail present in the project area has never been previously recorded, a segment west of the project area was recorded in 1993 by Brad Strum of LSA Associates, Inc. The evaluation conducted by Strum did not provide a detailed significance evaluation, but Strum stated that he believed the feeling and association for the trail was retained. The following year, an Archeological Site Record was drafted as part of the Western Area Power Administration Blythe-Knob 161 kV Transmission Line project (WCRM Report No. 94AZ004). The brief record stated that "Bradshaw Trail may represent a significant archeological site given its relationship to early transportation; however, the portion of the site within the project area does not contribute to the qualities that make the site eligible for NRHP status." Additional updates for Bradshaw Trail were drafted in 2001 by Apple and Cleland and in 2004 by Apple and Shaver. Neither of these forms included an evaluation of the property. The remaining ten historic-period properties have not been previously evaluated or recorded.

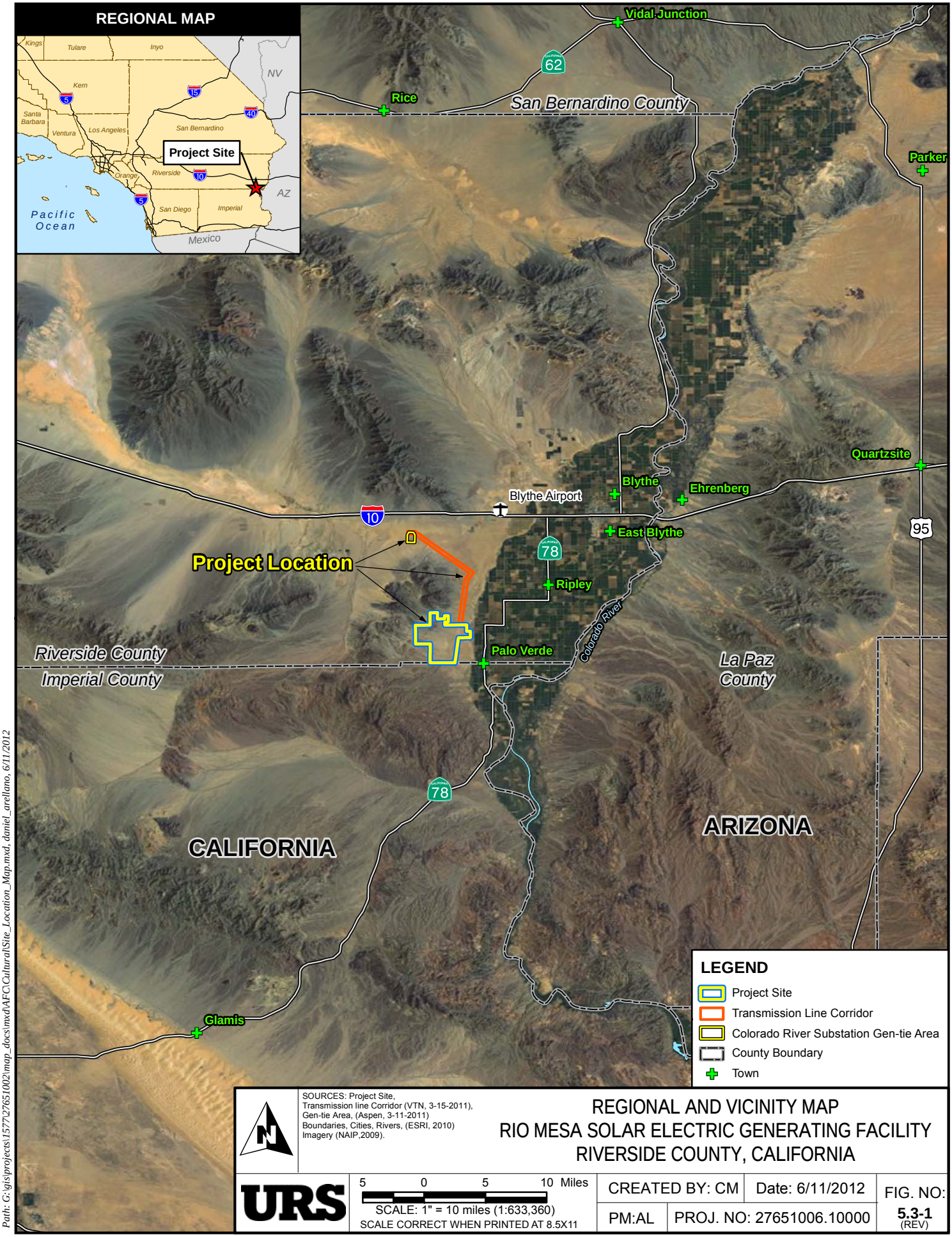
5.3.4.1 Assessment of Effects (no changes)

5.3.5 Cumulative Effects (no changes)

5.3.6 Permits Required and Permit Schedule (no changes)

5.3.6.1 Key Personnel Qualifications (no changes)

5.3.7 References (no changes)



SOURCES: Project Site, Transmission line Corridor (VTN, 3-15-2011), Gen-tie Area, (Aspen, 3-11-2011) Boundaries, Cities, Rivers, (ESRI, 2010) Imagery (NAIP,2009).

REGIONAL AND VICINITY MAP
RIO MESA SOLAR ELECTRIC GENERATING FACILITY
RIVERSIDE COUNTY, CALIFORNIA

URS

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SCALE: 1" = 10 miles (1:633,360)

SCALE CORRECT WHEN PRINTED AT 8.5X11

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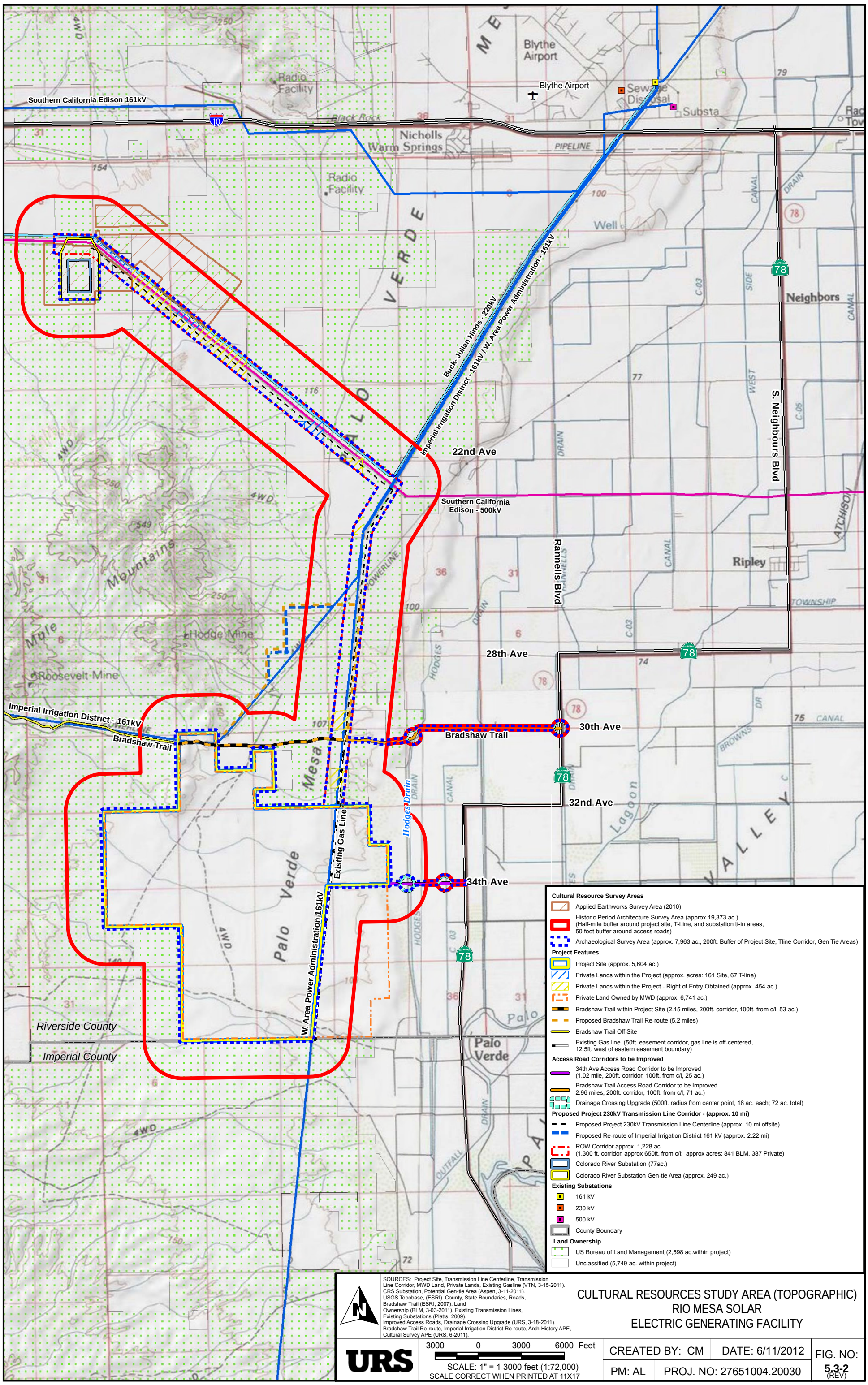

SOURCES: Project Site, Transmission Line Centerline, Transmission Line Corridor, MWD Land, Private Lands, Existing Gasline (VTN, 3-15-2011). CRS Substation, Potential Gen-tie Area (Aspen, 3-11-2011). USGS Topobase, (ESRI). County, State Boundaries, Roads, Bradshaw Trail (ESRI, 2007). Land Ownership (BLM, 3-03-2011). Existing Transmission Lines, Existing Substations (Platts, 2009). Improved Access Roads, Drainage Crossing Upgrade (URS, 3-18-2011). Bradshaw Trail Re-route, Imperial Irrigation District Re-route, Arch History APE, Cultural Survey APE (URS, 6-2011).

CULTURAL RESOURCES STUDY AREA (TOPOGRAPHIC)
RIO MESA SOLAR
ELECTRIC GENERATING FACILITY

URS

3000 0 3000 6000 Feet

SCALE: 1" = 1 3000 feet (1:72,000)
SCALE CORRECT WHEN PRINTED AT 11X17

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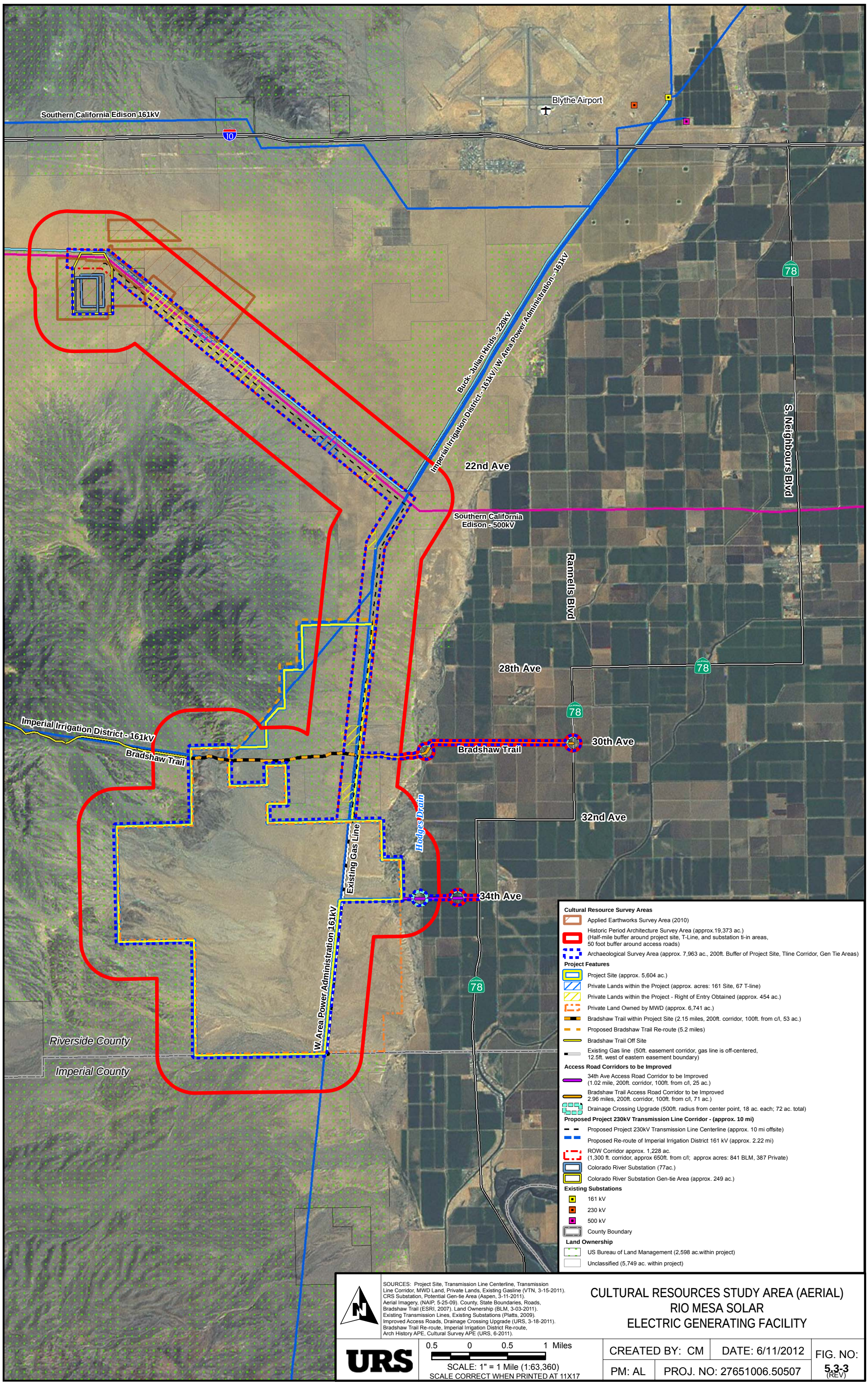

SOURCES: Project Site, Transmission Line Centerline, Transmission Line Corridor, MWD Land, Private Lands, Existing Gasline (VTN, 3-15-2011). CRS Substation, Potential Gen-tie Area (Aspen, 3-11-2011). Aerial Imagery, (NAIP, 5-25-09). County, State Boundaries, Roads, Bradshaw Trail (ESRI, 2007). Land Ownership (BLM, 3-03-2011). Existing Transmission Lines, Existing Substations (Platts, 2009). Improved Access Roads, Drainage Crossing Upgrade (URS, 3-18-2011). Bradshaw Trail Re-route, Imperial Irrigation District Re-route, Arch History APE, Cultural Survey APE (URS, 6-2011).

CULTURAL RESOURCES STUDY AREA (AERIAL)
RIO MESA SOLAR
ELECTRIC GENERATING FACILITY

URS

0.5 0 0.5 1 Miles

SCALE: 1" = 1 Mile (1:63,360)
SCALE CORRECT WHEN PRINTED AT 11X17

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