
Sunrise Powerlink Transmission Project

Weekly Monitoring Report No. 0016

From: 01/02/2011 Through: 01/08/2011

INTRODUCTION

During the week of 01/02/2010 through 01/08/2011, construction continued at the Alpine RFO, Alpine Construction Yards, San Luis Rey Substation, Encina Switchyard, the Rough Acres Construction Yard Phase I & II Use, the Thomas Yard, Link 4 Underground, and Link 3, Suncrest Substation.

Pre-Construction Activity with appropriate monitors:

Tuesday, 1/4/2011: Six crews surveyed towers and verified reference points (RPs) on Link 1, Federal and private lands

Wednesday, 1/5/2011: Five crews surveyed towers and verified RPs on Link 1, Federal and private lands

Thursday, 1/6/2011: Four crews surveyed towers and verified RPs on Link 1, private lands. One crew conducted topographic survey for tower grading plan at EP301, Federal land.

Friday, 1/7/1011: One crew conducted ESA mark-outs at towers EP239 through EP242 on private land. Three crews conducted tower surveys and RP verified on private land. One crew continued topographic survey on Link 1, EP301, Federal land.

ALL LINKS

The following is a summary of construction activity where monitors were on site:

Alpine RFO: No ground disturbing work conducted.

Alpine Construction Yard: Equipment, reel and monopole deliveries were made. The vehicle and equipment wash station has been installed in the PAR Underground Yard.

San Luis Rey Substation: In preparation of upcoming construction, a raptor survey was conducted on 1/7/2011. The survey did not identify any nesting raptors.

Rough Acres Construction Yard: Received Wildlife Agency approvals of the Restoration Plan for Sensitive Vegetation Communities in Temporary Impact Areas. CPUC EM reviewed and gave clearances for mowing/base areas and ESAs/flagging. Monitors on site to work with staff regarding work areas. Daley Corporation on site laying road base for parking area. Pinnick on site mowing the Southern portion of the yard. Marina on site installing BMPs along the southern perimeter. PAR assembling steel in a mowed portion off the airstrip. Cultural resource sites flagged for avoidance. Link Lead reviewed placement of the vehicle and equipment wash station with PAR. Delivery of reels continued.

Encina Switchyard: Only activity was SDG&E crews on site building disconnects. Contractor expected on site January 12.

Thomas Yard: Burrowing Owl survey received. No ground disturbing work being conducted. The Link Lead monitored for any Burrowing Owls during activity on site.

Link 4 Underground:

Excavations at vaults 14 & 17. V17L was set.

Pre-drilling and excavation prep at Vaults 4, 5, 7, 13 and 16.

Potholing activity continued along Alpine Blvd. between stations 279+00 to 224+00.

At Vault 18L, preparation for Ins and Outs continued.

Clearing and grubbing took place at the entry pit of the Cal Trans Bore on the south side of Hwy 8.

Work shut down from Tavern Rd. West on 1/4/11 until raptor surveys conducted.

Wood rat middens were raked out on the Loritz property.

Raptor surveys for Link 4 were completed. Tavern Rd. to the Bauer Property was approved.

Waiting on Wildlife agency approvals for Loritz to Tavern Rd. area.

Hydraulic fluid leaks were reported on 1/6/11 and 1/7/11. All were contained at the equipment on the asphalt and immediately cleaned up. Reporting was made to the County of San Diego, Storm Water Hotline.

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Link 3 Suncrest Substation: Vegetation clearing began for entrance to Wilson Yard began but it was determined to be too wet for rock delivery trucks and this has been delayed. Vegetation clearing continued along road along with installation/placement of water high line.

An unanticipated archaeological site was discovered on 1/5/2011. It was evaluated by the lead archaeologist and it was determined that the site is not significant; the necessary agency notifications have been made and site report is being submitted. The Native American monitor was present during the newly discovered site visit and was present for the evaluation.

SWEAP and Wildland Fire Prevention Training was held at the Ayres Inn in Alpine on Tuesday and Thursday.

During this reporting period, a rain event began on 01/02/2011, lasting through 1/04/2011 with the following precipitation amounts recorded: Alpine Yards and Link 4 UG: .7 inches; Link 3, Suncrest Substation: 1 inch, Rough Acres: .3 inches. All construction areas remained in compliance with the Construction General Permit. When identified, minor adjustments and maintenance performed on BMPs.

ENVIRONMENTAL MONITORS

LINK: 1

ASM Affiliates, Inc.	Thomas Taylor
Burns & McDonnell	Kelly Goocher
Burns & McDonnell	Rebecca Carson
Chambers Group	Brent Riemer
Chambers Group	Erik Strods
Chambers Group	Fern Hoffman
Chambers Group	John Kanlund
Chambers Group	Maya Mazon
Chambers Group	Seth Reimers
Pangea Biological	Don Spires

LINK: 3

ASM Affiliates, Inc.	Lucus Piek
Pangea Biological	Mark Meridith
TRC Solutions, Inc.	Alicia Hill
TRC Solutions, Inc.	Randy Blake

LINK: 4

ASM Affiliates, Inc.	Jessica Hennessey
ASM Affiliates, Inc.	Ryan McCarthy
Burns & McDonnell	Ken Katsuda
Chambers Group	Seth Reimers

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ENVIRONMENTAL MONITORS

LINK: 4

TRC Solutions, Inc. Katherine Vittum
 TRC Solutions, Inc. Michael Scaffidi
 TRC Solutions, Inc. Nina Allmendinger
 TRC Solutions, Inc. Ryan Villanueva

LINK: NA

Burns & McDonnell Jim Gibson
 TRC Solutions, Inc. Lauralyn Jensen

ENVIRONMENTAL COMPLIANCE

Mitigation Measure	A	B	C	D	E	F	G	H
Date	(Y/N)	Species	Loc UTM Lat-Long	Cause	Issue	Action	Comments	Tower
LINK: 1								
B-1c								
01/03/2011	Y				1		Crews in compliance bio-monitor present Remarks: Biological monitor present during mowing of vegetation along phase two sections. Bio-monitors assisted crews with minimizing impacts to environmentally sensitive areas (ESA)s.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Compliance met								
01/03/2011	Y						Well marked area. All work within phase. Remarks: No impacts outside footprint phase during brush clearing and mowing operations.	Rough Acres
Mitigation Measure in Compliance? Y								
01/03/2011	Y						Remarks: TTSI - Accepted 1 load of wire reels MAXIM - Placed 1 load of reels within Phase 1 limits on runway. All work in compliance.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
compliance								
01/03/2011	Y				1		The area was compliant with all APMs and mitigation measures. Remarks: During mowing, the area was compliant with all APMs and mitigation measures.	Rough Acres Construction Yard
Mitigation Measure in Compliance? Y								
Compliance								
01/03/2011	Y						Remarks: No environmental concerns were noted during equipment delivery and mowing operations.	Rough Acres yard
Mitigation Measure in Compliance? Y								
Bio-Monitoring								

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Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 1								
B-1c								
01/03/2011	Y				2		No impacts occurred outside the footprint Remarks: No impacts occurred outside the footprint during mowing operations.	Rough Acres Constructio: Yard
Mitigation Measure in Compliance? Y								
Impacts								
01/04/2011	Y					Notified Link Lead	Area of mowing cleared for species before mowers started. Several specimens moved out of area. Remarks: Minor leak of fluid on the ground north of the runway in the Phase 2 area was immediately contained and cleaned up.	Rough Acres Ranch
Mitigation Measure in Compliance? Y								
bio-monitoring								
01/05/2011	Y				2		No construction activity occurred outside of the footprint. Remarks: No construction activity occurred outside of the footprint during mowing operations and road construction.	Rough Acres Constructio: Yard
Mitigation Measure in Compliance? Y								
Footprint								
01/05/2011	Y				1		The area was in compliance with all APMs and mitigation measures. Remarks: The area was in compliance with all APMs and mitigation measures during mowing operations and road construction.	Rough Acres Constructio: Yard
Mitigation Measure in Compliance? Y								
Compliance								
01/06/2011	Y						Remarks: TTSI - Accepted 1 load of wire reels. MAXIM - Placed 1 load of reels within Phase 1 limits on runway. All work in compliance.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
compliance								
01/06/2011	Y						Onsite to oversee monitoring effort and to assist and guide monitors during mowing operations.	Rough Acres
Mitigation Measure in Compliance? Y								
oversight								
01/06/2011	Y						All grading and compaction work by Daley construction was in compliance with the APMs and mitigation measures	Rough Acres Constructio: Yard
Mitigation Measure in Compliance? Y								
compliance								

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LINK: 1								
B-1c								
01/07/2011	Y				1		All crews working with monitors on site to comply with B-1c requirements.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Compliance met								
01/07/2011	Y						Remarks: Biological monitor present during Pinnick construction/mowing activities.	
Mitigation Measure in Compliance? Y								
compliance								
01/07/2011	Y						Remarks: TTSI - Accepted 1 load of wire reels MAXIM - Placed 1 load of reels within Phase 1 limits on runway	ROUGH ACRES
Mitigation Measure in Compliance? Y								
Compliance								
01/07/2011	Y						Remarks: During BMP installation, all work within designated boundaries; no sensitive resources found.	Rough Acres
Mitigation Measure in Compliance? Y								
Compliance								
01/07/2011	Y						Remarks: Mowing activities were conducted with care to impact areas only within phase 2 construction limits and cleared by biologists prior to all activity.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
oversight								
01/07/2011	Y						Onsite to oversee monitoring effort and to assist and guide monitors during mowing operations, BMP installation, and base construction for access roads and parking areas.	Rough Acres
Mitigation Measure in Compliance? Y								
oversight								
01/08/2011	Y						Onsite to oversee monitoring effort and to assist and guide monitors during mowing operations, steel delivery, base construction for the access roads and helicopter areas, and micropile setup.	Rough Acres
Mitigation Measure in Compliance? Y								
oversight								

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LINK: 1								
B-1c								
01/08/2011	Y						Remarks: Contractors- DALEY Construction, PAR, PINNICK Construction, CRUX, Daley- 700 tailgate meeting - Belly-dumped base-rock and graded, rolled and compacted HELO landing area access roads with base - rock in Phase 2. - Used water truck to keep access roads watered to suppress fugitive dust. - Areas were swept by biologists in search of wildlife prior to grading rolling and compacting. NO wildlife found. PAR- -tower steel delivery in Phase 2 Pinnick- - Continued mowing operations of vegetation in areas south of runway in preparation for materials storage. Biological monitors (Fern H. and John K) were present during operations. Crux- - Moved micropile crates to PAR storage area. - Inventoried micropile crates.	ROUGH ACRES
Mitigation Measure in Compliance?	Y							
compliance								
01/08/2011	Y						Remarks: Road base activities were conducted with care to impact areas only within phase 2 construction limits and cleared by biologists prior to all activity.	Rough Acres Yard
Mitigation Measure in Compliance?	Y							
01/08/2011	Y						Compliance met mowers working with biological monitors to clear sites before mowing.	Rough Acres Yard
Mitigation Measure in Compliance?	Y							
Compliance met							Remarks: Pinnick Inc. avoided ESA areas when mowing. Mature Pinyon Pine tree avoided during mowing of phase two area. Biological monitor present and on-site.	
B-2a								
01/03/2011	Y						Remarks: Areas well-flagged.	Rough Acres
Mitigation Measure in Compliance?	Y							

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LINK: 1								
B-2a								
01/03/2011	Y						All construction boundaries were clearly marked	Rough Acres
Mitigation Measure in Compliance? Y								
Limits								
01/05/2011	Y						Remarks: All boundaries for approved construction were delineated by stakes with yellow flagging.	Construction Yard
Mitigation Measure in Compliance? Y								
Limits								
01/07/2011	Y		Phase 2 boundary				Construction limits delineated by stakes. Stakes added for clarification of phase 2 boundaries.	Rough Acres
Mitigation Measure in Compliance? Y								
Limits								
01/07/2011	Y		Phase 2 boundary				Remarks: Construction limits delineated by stakes. Stakes added for clarification of phase 2 boundaries.	Construction Yard
Mitigation Measure in Compliance? Y								
Limits								
01/07/2011	Y		Phase 2 boundary				Remarks: Staked and flagged more frequently along the existing Phase 2 ESA boundary for increased visibility.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
Limits								
01/08/2011	Y		Phase 2 boundary				Remarks: Staked and flagged more frequently along the existing Phase 2 ESA boundary for increased visibility.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
Limits								
B-3a								
01/06/2011	Y						Remarks: Checked the new mower on site to make sure it was clean. The mower was free of dirt and debris.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
New Mower								
01/07/2011	Y						Remarks: Hawthorne- - delivered mower to site. clean, washed and free of any debris or vegetation.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
Limits								
B-5a								
01/03/2011	Y	Sticky Geraea	Within approved footprint				All sensitive plants were flagged in appropriate areas.	Rough acres
Mitigation Measure in Compliance? Y								
Plants								
01/03/2011	Y						Remarks: All sensitive plants were flagged in appropriate areas.	construction yard
Mitigation Measure in Compliance? Y								
Limits								
01/03/2011	Y						Remarks: Sensitive Plants flagged with red tape	Rough Acres
Mitigation Measure in Compliance? Y								
Limits								

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LINK: 1								
B-5a								
01/03/2011	Y						Remarks: Special plant species areas were well-flagged.	Rough Acres
Mitigation Measure in Compliance? Y								
01/03/2011	Y	Jacumba Milk-vetch	Within approved footprint				All sensitive plants were flagged in appropriate areas. Remarks: All sensitive plants were flagged in appropriate areas.	Rough Acres construction yard
Mitigation Measure in Compliance? Y								
Plants								
B-7a								
01/07/2011	Y	California Legless Lizard		Unknown		Notified Link Lead	Remarks: A dead California (silvery) legless lizard (<i>Anniella pulchra pulchra</i>) was found adjacent to the mowing area of the south yard at RA. No cause of death could be determined. The silvery legless lizard is a CDFG Species of Special Concern; appropriate agencies were notified.	Rough Acres
Mitigation Measure in Compliance? Y								
Sensitive sp.								
01/07/2011	Y						Crews checked under vehicles for wildlife. Wildlife not harmed.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Compliance met							Remarks: Compliance met for mitigation measure B-7a, mowing of phase two	
01/08/2011	Y						Compliance met crews checked under trucks for wildlife. No impacts to wildlife occurred when vehicles moved from overnight locations to begin work.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Compliance met							Remarks: PAR crews checked under vehicles when starting equipment parked overnight.	
B-7b								
01/04/2011	N	Merriam's Kangaroo Rat					Remarks: Track dozer dislodged Merriam's kangaroo rat (1). Mammal was captured and relocated to suitable on-site location.	Rough Acres
Mitigation Measure in Compliance? Y								
wildlife								

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LINK: 1								
B-7b								
01/04/2011	N						Remarks: Black tailed brush lizards (2) were located under discarded beams and relocated to suitable location on-site, which will not be mowed.	Rough Acres
Mitigation Measure in Compliance? Y								
Wildlife								
01/07/2011	N						Remarks: Drivers laying straw wattle were observed exceeding the speed limit while driving on recently mowed areas. Drivers were instructed to watch for wildlife and to drive the yard speed limit.	Rough Acres
Mitigation Measure in Compliance? Y								
speed limit								
01/07/2011	N						No wildlife were observed injured.	Rough Acres
Mitigation Measure in Compliance? Y								
Biology								
BIO-APM-1								
01/03/2011	Y	Loggerhead Shrike	N-32.69869, W-116.2651			Notified Link Lead	Remarks: Seen perching on site.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
01/03/2011	Y	San Diego Coast Horned Lizard	N-32.69838, W-116.26349			Notified Link Lead	Found after mowing activities had unearthed it from subsurface burrow. Remarks: The juvenile coast horned lizard was found alive after mowing activities. The lizard was relocated outside Phase 2 limits, per the recommendation given to Rebecca Carson (BnM) from Karen Wilson (SDGE).	ROUGH ACRES
Mitigation Measure in Compliance? Y								
01/06/2011	Y	Tricolored Blackbird				Notified Link Lead	Remarks: Tricolored Blackbirds seen at Rough Acres near entrance bungalows with Brewer's blackbirds.	Rough Acres/Bung
Mitigation Measure in Compliance? Y								
01/06/2011	Y	Ferruginous Hawk	various-Kiting over Rough Acres site			Notified Link Lead	Searching for food from mowing operations, and not impacted by construction. Remarks: Sensitive species identification.	ROUGH ACRES
Mitigation Measure in Compliance? Y								

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LINK: 1								
BIO-APM-1								
01/06/2011	Y	California Legless Lizard	32.69432 116.26591			Notified Link Lead	CA Legless Lizard relocated well outside construction boundary. Remarks: CA Legless Lizard found at site, removed from phase 2 work area and released well outside of construction boundary.	Phase 2 Southern Steel Storage
Mitigation Measure in Compliance? Y								
01/08/2011	Y	Loggerhead Shrike	various			Notified Link Lead	see attaced photo. Loggerhead shrike with a Gilbert's skink. Remarks: Two Loggerhead shrikes frequently seen at various perching locations at Rough Acres.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
BIO-APM-3								
01/03/2011	Y						Crews in compliance Remarks: Crews in compliance speed limit of 15 mph observed.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
01/06/2011	Y						Fugitive dust creation during grading and compaction work was not an issue due to the recent rain event and all vehicles obeying the speed limit.	Rough Acres Construction Yard
Mitigation Measure in Compliance? Y								
01/07/2011	Y		access roads				Remarks: TTSI - Accepted loads of wire reels - Used water truck to keep access roads watered to suppress fugitive dust.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
01/07/2011	Y						Speed limit observed crews compliant. Remarks: Crews stayed on all approved ROW and access roads. Speed limit observed on all access roads.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
01/07/2011	Y						Remarks: Water truck minimized fugitive dust during mowing activities and throught the day.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
01/08/2011	Y						Remarks: Water truck minimized fugitive dust during road base activities and throughout the day.	Rough Acres Yard
Mitigation Measure in Compliance? Y								

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LINK: 1								
BIO-APM-3								
01/08/2011	Y		access roads				Remarks: Daley Used water truck to keep access roads watered to suppress fugitive dust.	ROUGH ACRES
Mitigation Measure in Compliance? Y								
BIO-APM-4								
01/07/2011	Y						No paint was used for survey locations found on-site. Compliance met for measure BIO-AMP-4.	Rough Acres
Mitigation Measure in Compliance? Y								
Compliance met								
Remarks: Compliance met no paint was used to indicate survey boundaries found on site.								
C-1e								
01/03/2011	Y						Remarks: Personnel from Marina installed BMPs just south of the midpoint of the old runway. Personnel from Daily began mowing brush from the fields south of the bungalows and south of the main office at Rough Acres Yard.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/04/2011	Y						Remarks: Marina installed Phased 2 boundary stakes. Daley cleared brush from northern Phase 2 area.	Rough Acres
Mitigation Measure in Compliance? Y								
Cultural								
01/04/2011	Y						Area of mowing/fill checked for any Cultural Resources. None found	Rough Acres
Mitigation Measure in Compliance? Y								
CR Monitoring								
01/05/2011	Y						Remarks: Daley cleared brush and graded the road south of the bungalows.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/06/2011	Y					Notified Link Lead	Interior Quartz Flake noted and relocated to unutilized area of Rough Acres	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural							Remarks: Area being cleared of brush by Pinnick personnel.	

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LINK: 1								
C-1e								
01/06/2011	Y					Notified Link Lead	Small metavolcanic core noted and moved to unutilized area of Rough Acres Remarks: Brush being cleared from area by Pinnick personnel.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/06/2011	Y					Notified Link Lead	Interior metavolcanic flake noted and relocated to unutilized area of Rough Acres Remarks: Area having brush cleared by Pinnick personnel.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/07/2011	Y						Monitored Marina BMP installation and brush clearing by Pinnick.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/08/2011	Y					Notified Link Lead	Noted and relocated quartz interior flake to an area outside Phase 2 zone. Remarks: Brush was being cleared by Pinnick in southern area of the Phase 2 zone.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
01/08/2011	Y					Notified Link Lead	Noted and relocated a metavolcanic interior flake. Remarks: Brush was being cleared by Pinnick in southern area of the Phase 2 zone.	Rough Acres Yard
Mitigation Measure in Compliance? Y								
Cultural								
N-1a								
01/05/2011	N						Idling time was kept to a minimum. Remarks: Idling time was kept to a minimum.	Rough Acres Constructio: Yard
Mitigation Measure in Compliance? Y								
Idling								
01/07/2011	N						Remarks: noise levels within acceptable levels; equipment idling minimal	Rough Acres
Mitigation Measure in Compliance? Y								
Compliance								
01/08/2011	N						Compliance met Pinnick crews did not have vehicles with idle time greater than five minutes. Remarks: Pinnick Inc. crews reduced idle time to under five minutes when vehicles not in use.	Rough Acres
Mitigation Measure in Compliance? Y								
Compliance met								

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LINK: 1								
WQ-APM-13								
01/04/2011	Y					Notified Link Lead	Remarks: Small hydraulic fluid leak spilled on the ground. The spill was properly contained and cleaned up so they were in compliance. See Link Lead Don Spires report for additional information.	Rough Acres Yard
Mitigation Measure in Compliance?	Y							
Spill								
01/06/2011	N						Remarks: Checked mowers for hydrolic leaks. None Found.	Southern Yard Rough Acres
Mitigation Measure in Compliance?	Y							
01/07/2011	Y					Notified Link Lead	Remarks: Checked mowers for hydrolic leaks. New Cat mower had a minor fitting leak. Diapered until Hose Pros made a timely repair. No fluid in contact with earth.	Rough Acres
Mitigation Measure in Compliance?	Y							
LINK: 3								
B-1c								
01/04/2011	Y						The Beta engineering Pinnick construction crew continued to grub the vegetation along the new access road due west, starting today at the Lightner gate. The cut vegetation was piled at certain points along the access road. All waterways were avoided with a 50 foot buffer.	Suncrest Access road
Mitigation Measure in Compliance?	Y							
Bio monitoring								
01/05/2011	Y						Remarks: Conducted biological monitoring Work activities for the day included vegetation clearing, water line construction and erosion control installation. Monitors were present during all work activities	Suncrest substation
Mitigation Measure in Compliance?	Y							
01/05/2011	Y						A biologist was present during all work activities	Suncrest substation access road
Mitigation Measure in Compliance?	Y							
ROW								
01/06/2011	Y						All work activities remained within approved boundaries	Suncrest substation
Mitigation Measure in Compliance?	Y							

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LINK: 3								
B-1c								
01/06/2011	Y						A biologist was present and monitored all work activities	Suncrest substation access road
Mitigation Measure in Compliance?	Y							
biological								
01/06/2011	Y					Notified Link Lead	Conducted biological monitoring. A dusky footed woodrat died today as a result of grubbing activities by the D8 bulldozer. No sensitive species of plants or animals were impacted as a result of today's activities.	Suncrest Access road
Mitigation Measure in Compliance?	Y							
Bio monitoring								
01/07/2011	Y						Remarks: Conducted biological monitoring All work activities including clearing, water line construction and silt fence installation were in compliance with project documents and no concerns were noted	Suncrest substation
Mitigation Measure in Compliance?	Y							
01/07/2011	Y						A biologist was present and monitored work activities at my location.	Suncrest substation access road near Wilson yard
Mitigation Measure in Compliance?	Y							
biological								
01/07/2011	Y					Notified Link Lead	Conducted Biological monitoring for today's grubbing activities and silt fence installation for the Suncrest access road. One San Diego Alligator lizard was injured and was relocated out of the work. One San Diego gopher snake was killed as a result of the vegetation grubbing activities. The link lead was notified for both of these instances. No sensitive plant or animal species were impacted today.	Suncrest Access road
Mitigation Measure in Compliance?	Y							
Bio monitoring							Remarks: Conducted biological monitoring	
B-7a								
01/05/2011	Y						Vehicles were inspected for wildlife prior to being moved	Suncrest substation access road
Mitigation Measure in Compliance?	Y							
ROW								

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Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 3								
B-7a								
01/07/2011	Y						Vehicles were inspected by workers for wildlife prior to being moved	Suncrest substation access road near Wilson yard
Mitigation Measure in Compliance? Y								
biological								
BIO-APM-1								
01/05/2011	N	California Legless Lizard	32 48.696 N, 116 40.608 W	Collision		Notified Link Lead	A California legless lizard was found injured as a result of access road vegetation grubbing by the D8 bulldozer. The lizard was relocated outside of the work area.	East of Suncrest Substation Pad
Mitigation Measure in Compliance? Y								
Injured Ca LL								
BIO-APM-3								
01/05/2011	Y						Vehicles observed the 15mph speed limit on access roads.	Suncrest substation access road
Mitigation Measure in Compliance? Y								
ROW								
01/06/2011	Y						Vehicles observed the 15mph speed limit on access roads.	Suncrest substation access road
Mitigation Measure in Compliance? Y								
biological								
C-1e								
01/03/2011	Y						No work today due to ongoing rain event	Suncrest substation
Mitigation Measure in Compliance? Y								
monitoring								
01/04/2011	Y						No new artifacts were observed throughout the day. Project was in compliance for cultural resources throughout the day. Remarks: monitoring Bell Bluff Truck Trail expansion	Suncrest substation
Mitigation Measure in Compliance? Y								
monitoring								
01/05/2011	Y						Conducted archaeological monitoring during ground disturbing activities. Remarks: Bell Bluff Truck Trail expansion	Suncrest substation
Mitigation Measure in Compliance? Y								
monitoring								

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From: 01/02/2011 Through: 01/08/2011

ENVIRONMENTAL COMPLIANCE

Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
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LINK: 3

C-1e								
01/06/2011	Y						Conducted archaeological monitoring during ground disturbing activities.	Suncrest substation
Mitigation Measure in Compliance?	Y						Remarks: Monitoring Bell Bluff Truck Trail expansion	
cultural								
01/07/2011	Y						ESA cultural resource boundaries remained undisturbed during work activity	Suncrest substation
Mitigation Measure in Compliance?	Y						Remarks: Monitoring Bell Bluff Truck Trail expansion	
cultural								
CR-APM-3								
01/05/2011	Y	Prehistoric				Notified Link Lead	One new cultural resource site was observed and recorded inside the boundaries of grading for the Bell Bluff Truck Trail. The site was protected after discovery with ESA signs and yellow flagging and link lead was notified. I was joined by two other archaeologists from ASM to evaluate the site at the end of the day. All required agency notifications were made.	Suncrest substation
Mitigation Measure in Compliance?	Y						Remarks: New cultural resource was located during construction activity.	
monitoring								
01/06/2011	Y					Notified Link Lead	Observed and recorded two isolates within the disturbance/project boundary. These artifacts are being recorded as isolates and do not require ESA flagging or restrictions at this time. Link lead was notified and required notifications made.	Suncrest substation
Mitigation Measure in Compliance?	Y						Remarks: Monitoring Bell Bluff Truck Trail expansion.	
cultural								

LINK: 4

AQ-APM-4								
01/04/2011	Y						Remarks: Carpoled with cultural monitor to and from Alpine Blvd.	Vault 13
Mitigation Measure in Compliance?	Y							
Carpooling								

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ENVIRONMENTAL COMPLIANCE

Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 4								
AQ-APM-4								
01/05/2011	Y						Remarks: Carpooled with cultural monitor to and from Alpine Blvd.	Vault 14
Mitigation Measure in Compliance?	Y							
Carpooling								
01/06/2011	Y						Carpooled with cultural monitor to and from Alpine Blvd.	Vault 14
Mitigation Measure in Compliance?	Y							
Carpooling								
B-1c								
01/03/2011	Y						no tree trimming activities took place today, keeping the project in compliance with the MMCRP and APMs	Bauer property on link 4/undergrou
Mitigation Measure in Compliance?	Y							
compliance								
01/03/2011	Y						All crews were sent home due to rain, with the exception of a crew checking on BMPs. Ralph Hornbeck (Geosyntec) was onsite throughout the day.	Alpine Undergroun
Mitigation Measure in Compliance?	Y							
Compliance								
01/04/2011	Y						No environmental issues were encountered during drilling activities. All activities were in compliance.	Vaults 5,6 and 7
Mitigation Measure in Compliance?	Y							
Underground							Remarks: Monitored drilling along Alpine Boulevard and no environmental issues were encountered. All activities were in compliance.	
01/04/2011	Y						Remarks: Monitored PAR potholing crews working between vaults 12 & 13. About 6 potholes were dug, filled with native soil, gravel then topped with asphalt. All construction activities in compliance.	Vault 13
Mitigation Measure in Compliance?	Y							
Monitoring								
01/04/2011	Y						During the excavation efforts at vaults 17 and 18, there were no environmental issued observed.	Vault 17, 18
Mitigation Measure in Compliance?	Y							
Monitoring							Remarks: Compliance met	

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ENVIRONMENTAL COMPLIANCE

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LINK: 4								
B-1c								
01/05/2011	Y						All required monitors were onsite during construction activities along Link 4.	Alpine Blvd
Mitigation Measure in Compliance?	Y							
monitors								
01/05/2011	Y						No environmental issues were encountered during drilling activities. All activities were in compliance.	west of Viejas Creek bridge
Mitigation Measure in Compliance?	Y						Remarks: Monitored drilling along Alpine Boulevard and no environmental issues were encountered. All activities were in compliance.	
Underground								
01/05/2011	Y						Monitored conduit installation crews at vault 18 and excavation crew at vault 17. The crews remained in compliance with the project's mitigation measures.	Vault 17, 18
Mitigation Measure in Compliance?	Y						Remarks: Compliance met	
Monitoring								
01/05/2011	Y						Remarks: Monitored an excavation crew at vault 14. Asphalt was cut, ground, and a portion of the vault was excavated. At the end of day excavation was covered with h-beams, metal plates and loose asphalt. All construction in compliance.	Vault 14
Mitigation Measure in Compliance?	Y							
Monitoring								
01/06/2011	Y						All required monitors were onsite during construction activities along Link 4.	Alpine Blvd
Mitigation Measure in Compliance?	Y							
monitors								
01/06/2011	Y						Monitored PAR construction crews during vault excavation. All observed construction in compliance.	Vault 14
Mitigation Measure in Compliance?	Y							
Bio Monitoring								
01/06/2011	Y						Monitored PAR construction crews during potholing Alpine Blvd to locate existing underground utilities. All observed construction in compliance.	Vault 12
Mitigation Measure in Compliance?	Y							
Bio Monitoring								

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ENVIRONMENTAL COMPLIANCE

Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 4								
B-1c								
01/06/2011	Y						Biological monitor present during drilling and potholing activities. All work was in compliance.	Vault 5
Mitigation Measure in Compliance? Y								
Bio monitor								
01/06/2011	Y						The crews remained in compliance with the project's mitigation measures while installing vault 17 and the conduit pipe around vault 18.	Vault 17, 18
Mitigation Measure in Compliance? Y								
Monitoring							Remarks: Compliance met	
01/07/2011	Y						Pair of birds sighted and photos taken to verify possible LBVI. All required monitors were onsite during construction activities along Link 4.	Alpine Blvd
Mitigation Measure in Compliance? Y								
monitors							After further research, it was determined on 1/10/11 that the sighting was not a pair of LBVI.	
01/07/2011	Y						Remarks: Crew in compliance with all environmental measures during pre-drilling for vault. No impact occurred outside the foot print.	Vault 13
Mitigation Measure in Compliance? Y								
Bio monitor							Crew in compliance with all environmental measures during rock-breaking and drilling activity. No impact occurred outside the foot print.	Vault 12
01/07/2011	Y						The crews remained in compliance with the project's mitigation measures while potholing at vault 12, installing manholes at vault 17, and installing conduit pipe at vault 18.	Vaults 12, 17, 18
Mitigation Measure in Compliance? Y								
Monitoring							Remarks: Compliance met	
B-7a								
01/04/2011	Y						Crews properly covered the excavation of vault 17 and 18 with steel plates	Vault 9 and Sta 111+50
Mitigation Measure in Compliance? Y								
Monitoring							Remarks: Compliance met	

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ENVIRONMENTAL COMPLIANCE

Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 4								
B-7a								
01/05/2011	Y						Crews properly covered the excavation of vault 17 and 18 with steel plates	Vault 17, 18
Mitigation Measure in Compliance? Y								
Monitoring								
01/06/2011	Y						By end of day, all potholes were properly filled with native soil, gravel and temporary asphalt.	Vault 12
Mitigation Measure in Compliance? Y								
Excav. covered								
01/06/2011	Y						Vault excavation properly covered with h-beams, steel plates and temporary asphalt.	Vault 14
Mitigation Measure in Compliance? Y								
Excav. covered								
01/06/2011	Y						Crews properly covered the excavation at vaults 17 and 18 with steel plates	Vault 17, 18
Mitigation Measure in Compliance? Y								
Monitoring								
01/07/2011	Y						The crews properly covered excavations with asphalt at vault 12, and steel plates at vaults 17 & 18	Vault 12, 17, 18
Mitigation Measure in Compliance? Y								
Monitoring								
Remarks: Compliance met								
B-8a								
01/05/2011	N						Laurie Gorman and Darin Busby performed raptor surveys from Louritz property to Tavern road.	Alpine Blvd
Mitigation Measure in Compliance? Y								
Raptor								
01/06/2011	N	Cooper's Hawk					Hawk observed foraging 100' to the south of Vault 14. No nest observed.	Vault 14
Mitigation Measure in Compliance? Y								
Cooper's Hawk								
C-1e								
01/04/2011	Y						Monitored the digging and trenching at vaults 17L and 18L, no artifacts found.	Vaults 17L and 18L
Mitigation Measure in Compliance? Y								

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ENVIRONMENTAL COMPLIANCE								
Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: 4								
C-1e								
01/04/2011	Y						Crew was pot holing the road for existing utilities. The work was within compliance and no cultural material was found	Vault 13 Alpine Blvd
Mitigation Measure in Compliance?	Y							
Cultural								
01/05/2011	Y						Monitored the digging and trenching at vaults 17L and 18L, no artifacts found, no needed mitigation.	Vaults 17L and 18L
Mitigation Measure in Compliance?	Y							
Cultural								
01/05/2011	Y						Crew began excavation at vault 14. Work was in compliance and no cultural material found	Vault 14 Alpine Blvd
Mitigation Measure in Compliance?	Y							
Cultural								
01/06/2011	Y						Excavation at vault 14 and potholing activities were observed by archaeological and Native American monitor.	Vault 14 Alpine Blvd
Mitigation Measure in Compliance?	Y							
Cultural								
01/06/2011	Y						Monitoring of vault placement at vault 17L and pipe fitting at 18L. No cultural artifacts were uncovered, crews were in compliance in relation to ground disturbance activities.	Vault 17 and Vault 18
Mitigation Measure in Compliance?	Y							
Cultural								
01/07/2011	Y						All work observed by archaeological and Native American monitor.	Alpine Blvd Vault 6 and 7 and Jack and Bore site
Mitigation Measure in Compliance?	Y							
Cultural								
01/07/2011	Y						Monitoring of vault 18L, 17L, 14L, and potholing crew around 191+00. No artifacts were found, crews compliant with ground disturbance monitoring.	Monitoring of vault 18L, 17L, 14L, and potholing crew around 191+00
Mitigation Measure in Compliance?	Y							
Cultural								

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Mitigation Measure Date	A (Y/N)	B Species	C Loc UTM Lat-Long	D Cause	E Issue	F Action	G Comments	H Tower
LINK: NA								
B-1c								
01/03/2011	Y						Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
BIO monitoring								
01/04/2011	Y						Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
BIO monitoring								
01/04/2011	Y						Remarks: Site was in compliance	Encina
Mitigation Measure in Compliance?	Y							
Mitigation met								
01/05/2011	Y						Remarks: Site was in compliance	Encina
Mitigation Measure in Compliance?	Y							
Mitigation met								
01/06/2011	Y						Remarks: Site was in compliance	Encina
Mitigation Measure in Compliance?	Y							
Mitigation met								
01/07/2011	Y						Remarks: No raptor nesting activity observed at SLR	San Luis Rey
Mitigation Measure in Compliance?	Y							
Raptor Survey								
01/07/2011	Y						Remarks: Site was in compliance	Encina
Mitigation Measure in Compliance?	Y							
Mitigation met								
01/08/2011	Y						Conducted biological monitoring during work on disconnects.	Encina Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
BIO monitoring								