

Sunrise Powerlink Transmission Project

Weekly Monitoring Report No. 00005

From: 10/17/2010 Through: 10/23/2010

INTRODUCTION

During the week of 10/17/2010 through 10/23/2010, construction continued at the Alpine RFO, Alpine Construction Yards, South Bay Substation, San Luis Rey Substation, Rough Acres Construction Yard and the Encina Switchyard. No additional areas of work began construction during this period.

ALL LINKS

Monitors were on site at all locations during construction activity.

Alpine RFO and Construction Yard: Class II base was applied to the ARFO parking areas, the installation process continues for the office modulars and driveway improvements were made for security access. Reels continue to be delivered in the Construction Yard.

San Luis Rey Substation: No work for three days during this period. Work conducted by SDG&E crews for the capacitor bank.

South Bay Substation: Trenching for the control cable conducted.

Rough Acres Construction Yard: BMP's continued to be installed. Casings for the micro-pile work stored on site.

Encina Substation: BMP's installed and work began to repair footings of existing towers.

A rain event occurred on 10/19/2010 with the following rainfall totals: 2.4 inches at Alpine; 2.0 inches at Rough Acres and 1.61 inches at the Encina Substation. BMP's at all construction areas were inspected before, during and after the rain event with no deficiencies.

Universal waste battery containers were placed at the Alpine RFO and Rough Acres sites and employees directed not to put spent batteries in the trash.

ENVIRONMENTAL MONITORS

LINK: 1

ASM Affiliates, Inc.	Thomas Taylor
Burns & McDonnell	Rebecca Carson
Chambers Group	Chris Bugbee

LINK: 4

Burns & McDonnell	Christopher Mellett
Chambers Group	Chris Bugbee
Chambers Group	John Kanlund
Chambers Group	Seth Reimers
Pangea Biological	Don Spires

LINK: NA

Burns & McDonnell	Ken Katsuda
Burns & McDonnell	Rosina Gallego
Chambers Group	Erik Strods
Pangea Biological	Mark Meridith
Pangea Biological	Scott Rowland
San Diego Natural History Museum	Shayne A. Boney

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ENVIRONMENTAL MONITORS

LINK: NA

TRC Solutions, Inc. Alicia Hill
 TRC Solutions, Inc. Lauralyn Jensen
 TRC Solutions, Inc. Travis Kegel

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								
10/18/2010	Y						no issues noted, all activities compliant	Rough Acres Yard
Mitigation Measure in Compliance?	Y							
Environmental								
10/20/2010	Y						no issues noted, all activities compliant	Rough Acres Yard
Mitigation Measure in Compliance?	Y							
Environmental								
10/21/2010	Y							Rough Acres Phase 1
Mitigation Measure in Compliance?	Y							
oversight								
10/22/2010	Y							Rough Acres Phase 1
Mitigation Measure in Compliance?	Y							
oversight								
B-5a								
10/18/2010	Y	Jacumba Milk-vetch	numerous locations				Jacumba milk-vetch populations are currently flagged off in ESA areas	Rough Acres Yard
Mitigation Measure in Compliance?	Y						Remarks: per listed plant species	
Biological								
10/20/2010	Y	Jacumba Milk-vetch	numerous locations				Jacumba milk-vetch populations are currently flagged off in ESA areas	Rough Acres Yard
Mitigation Measure in Compliance?	Y						Remarks: per listed plant species	
Biological								

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LINK: 1

BIO-APM-3

10/18/2010 Y water trucks were utilized for dust control Rough Acres Yard

Mitigation Measure in Compliance? Y

Environmetal

C-1e

10/18/2010 Y Rough Acres Yard

Mitigation Measure in Compliance? Y

monitoring

10/20/2010 Y Remarks: metal pole installation Rough Acres Yard

Mitigation Measure in Compliance? Y

10/21/2010 Y Rough Acres Yard

Mitigation Measure in Compliance? Y

10/22/2010 Y Rough Acres Yard

Mitigation Measure in Compliance? Y

CR-APM-3

10/18/2010 Y Notified Link Lead Metavolcanic Biface Rough Acres Yard
Remarks: Metavolcanic Biface

Mitigation Measure in Compliance? Y

10/22/2010 Y Notified Link Lead 2 metavolcanic interior flakes
Remarks: 2 metavolcanic interior flakes

Mitigation Measure in Compliance? Y

LINK: 4

B-1c

10/17/2010 Y no issues noted, all activities compliant Alpine Yard, HQ

Mitigation Measure in Compliance? Y

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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: 4									
B-1c									
10/18/2010	Y						the construction yard is in compliance with all APMs and mitigation measures were met	upper	Alpine construction yard
Mitigation Measure in Compliance? Y									
compliance									
10/18/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine	Material Yard
Mitigation Measure in Compliance? Y									
MM Met									
10/19/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine HQ	
Mitigation Measure in Compliance? Y									
MM Met									
10/19/2010	Y						the construction yard is in compliance with all APMs and mitigation measures were met	lower	Alpine construction yard
Mitigation Measure in Compliance? Y									
compliance									
10/19/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine	Material Yard
Mitigation Measure in Compliance? Y									
MM Met									
10/19/2010	Y						National Electric Works crew worked on camera structures remained in compliance during weather events.	Alpine	upper yard
Mitigation Measure in Compliance? Y									
Compliance met									
10/20/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine HQ	
Mitigation Measure in Compliance? Y									
MM Met									
10/20/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine	Material Yard
Mitigation Measure in Compliance? Y									
MM Met									
10/20/2010	Y						Crews responded to the need for post shift trash clean up.	Alpine	lower yards
Mitigation Measure in Compliance? Y									
Compliance met									
Remarks: Crews removed lunch trash from work area.									

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LINK: 4								
B-1c								
10/20/2010	Y						the construction yard is in compliance with all APMs and mitigation measures were met	upper Alpine construction yard
Mitigation Measure in Compliance?	Y							
compliance								
10/21/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine Material Yard
Mitigation Measure in Compliance?	Y							
MM Met								
10/21/2010	Y						the construction yard is in compliance with all APMs and mitigation measures were met	upper Alpine construction yard
Mitigation Measure in Compliance?	Y							
compliance								
10/21/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine HQ
Mitigation Measure in Compliance?	Y							
MM Met								
10/22/2010	Y						the construction yard is in compliance with all APMs and mitigation measures were met	upper Alpine construction yard
Mitigation Measure in Compliance?	Y							
compliance								
10/22/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine HQ
Mitigation Measure in Compliance?	Y							
MM Met								
10/22/2010	Y						Remarks: Construction activities in compliance with Biological mitigation measures.	Alpine Material Yard
Mitigation Measure in Compliance?	Y							
MM Met								
10/23/2010	Y						Remarks: No issues	Alpine Headquarter:
Mitigation Measure in Compliance?	Y							
Bio-monitoring								
10/23/2010	Y						Remarks: No issues	Upper Alpine Yard
Mitigation Measure in Compliance?	Y							
bio-monitoring								

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LINK: 4								
B-1c								
10/23/2010	Y						the construction yard is in compliance with all APMs and the mitigation measures were met	upper Alpine construction yard
Mitigation Measure in Compliance? Y								
compliance								
B-2a								
10/19/2010	Y						Limits of construction delineated with orange construction fencing/silt fencing.	Alpine upper yards
Mitigation Measure in Compliance? Y								
Compliance met								
10/19/2010	Y						Remarks: Silt fencing in place in PAR upper yard.	
10/19/2010	Y						the ESA remains clearly delineated from all approved construction areas within the construction yard	lower Alpine construction yard
Mitigation Measure in Compliance? Y								
delineation								
10/20/2010	Y						Work area fenced in	Alpine lower yards
Mitigation Measure in Compliance? Y								
Compliance met								
10/21/2010	Y						compliance met	Alpine lower yards
Mitigation Measure in Compliance? Y								
Compliance met								
10/23/2010	Y						all limits of construction are fenced with orange fencing.	Alpine lower yards
Mitigation Measure in Compliance? Y								
Compliance met								
BIO-APM-3								
10/17/2010	Y						water trucks were utilized for dust control	Alpine Yard, HQ
Mitigation Measure in Compliance? Y								
Compliance met								
10/18/2010	Y						Remarks: Dust controlled by regular watering	Alpine HQ
Mitigation Measure in Compliance? Y								
Dust Controlled								

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LINK: 4								
BIO-APM-3								
10/21/2010	Y						compliance met	Alpine lower yards
Mitigation Measure in Compliance? Y							Remarks: 15 mile speed limit observed on dirt roads	
dust controlled								
10/22/2010	Y						Water truck on site	Alpine lower yards
Mitigation Measure in Compliance? Y							Remarks: Water truck on site for use in fugitive dust control	
Compliance met								
10/23/2010	Y						fugitive dust was kept down due to moist conditions and the semi truck drivers obeying the 5 mph speed limit while in the construction yard	upper Alpine constructor yard
Mitigation Measure in Compliance? Y								
dust								
N-1a								
10/21/2010	Y						reel delivery drivers were reminded to shut down their trucks while waiting to be unloaded to cut down on unnecessary idling, all drivers eagerly complied	upper Alpine constructor yard
Mitigation Measure in Compliance? Y								
idling								
10/22/2010	Y						delivery trucks turned off trucks not in use	Alpine lower yards
Mitigation Measure in Compliance? Y							Remarks: Minimize unnecessary construction vehicle use and idling time.	
Compliance met								
10/23/2010	Y						Crew turned off all unnecessary vehicles not in use.	Alpine lower yards
Mitigation Measure in Compliance? Y							Remarks: Crew shut off engine after 5 minutes of idle time.	
Compliance met								
LINK: NA								
B-1c								
10/18/2010	Y						The work area was in compliance with all mitigation measures and APMs.	South Bay Substation
Mitigation Measure in Compliance? Y								
In Compliance								
10/18/2010	Y						Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance? Y							Remarks: Conducted biological monitoring	
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: NA								
B-1c								
10/18/2010	Y						Conducted biological monitoring	Southbay Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
Bio monitor								
10/18/2010	Y						Remarks: All required monitors were on-site	Encina Substation
Mitigation Measure in Compliance?	Y							
Monitoring								
10/19/2010	Y						The work area was in compliance with all mitigation measures and APMs.	South Bay Substation
Mitigation Measure in Compliance?	Y							
In Compliance								
10/19/2010	Y						Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
BIO monitoring								
10/19/2010	Y						Conducted biological monitoring	Southbay Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
Bio monitor								
10/20/2010	Y						The work area was in compliance with all mitigation measures and APMs.	South Bay Substation
Mitigation Measure in Compliance?	Y							
In Compliance								
10/20/2010	Y						Conducted biological monitoring	Southbay Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
Bio monitor								
10/20/2010	Y						Remarks: No impacts outside of the approved work area. All necessary monitors were onsite.	Encina Switchyard
Mitigation Measure in Compliance?	Y							
10/20/2010	Y						Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance?	Y						Remarks: Conducted biological monitoring	
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: NA								
B-1c								
10/21/2010	Y						The work area was in compliance with all mitigation measures and APMs.	South Bay Substation
Mitigation Measure in Compliance? Y								
In Compliance								
10/21/2010	Y							Encina
Mitigation Measure in Compliance? Y								
Monitor Constr								
10/21/2010	Y						All necessary monitors were onsite.	SLR Substation
Mitigation Measure in Compliance? Y								
monitors								
10/21/2010	Y						all areas in compliance	San Luis Rey Substation
Mitigation Measure in Compliance? Y								
compliance								
10/21/2010	Y						Conducted biological monitoring Remarks: Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance? Y								
BIO monitoring								
10/22/2010	Y						All necessary monitors were onsite.	SLR Substation
Mitigation Measure in Compliance? Y								
monitors								
10/22/2010	Y						all areas and work activities in compliance Remarks: none	San Luis Rey Substation
Mitigation Measure in Compliance? Y								
compliance								
10/22/2010	Y						Conducted biological monitoring Remarks: Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance? Y								
BIO monitoring								
10/22/2010	Y							Encina
Mitigation Measure in Compliance? Y								
Envir. Monitor								

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LINK: NA								
B-1c								
10/22/2010	Y						Conducted biological monitoring	Southbay Substation
Mitigation Measure in Compliance? Y								
Bio monitor								
10/22/2010	Y						The work area was in compliance with all mitigation measures and APMs.	South Bay Substation
Mitigation Measure in Compliance? Y								
In Compliance								
10/23/2010	Y						all areas and work activities in compliance Remarks: none	San Luis Rey Substation
Mitigation Measure in Compliance? Y								
compliance								
10/23/2010	Y						Conducted biological monitoring Remarks: Conducted biological monitoring	Encina Substation
Mitigation Measure in Compliance? Y								
BIO monitoring								
10/23/2010	Y						All necessary monitors were onsite.	SLR Substation
Mitigation Measure in Compliance? Y								
monitors								
10/23/2010	Y						Conducted biological monitoring Remarks: Conducted biological monitoring	Southbay Substation
Mitigation Measure in Compliance? Y								
Bio Monitor								
B-3a								
10/19/2010	Y						Remarks: All equipment arrived to the site free of dirt and debris	Encina Substation
Mitigation Measure in Compliance? Y								
B-7a								
10/18/2010	Y						Built ramps to allow wildlife to escape trenches Remarks: Covering excavations is not feasible due to configuration. Instead, ramps were built to allow any wildlife to escape.	Encina Substation
Mitigation Measure in Compliance? Y								
Excavations								

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LINK: NA

B-7a								
10/19/2010	Y						The trench was sloped on one end and a ramp was provided at the other end of the trench	South Bay Substation
Mitigation Measure in Compliance? Y								
Trenches Sloped								
10/20/2010	Y						The trench was sloped on one end and a ramp was provided at the other end of the trench	South Bay Substation
Mitigation Measure in Compliance? Y								
Trenches Sloped								
10/21/2010	Y						The trench was sloped on one end and a ramp was provided at the other end of the trench	South Bay Substation
Mitigation Measure in Compliance? Y								
Trenches Sloped								
10/22/2010	Y						The trench was sloped on one end and a ramp was provided at the other end of the trench	South Bay Substation
Mitigation Measure in Compliance? Y								
Trenches Sloped								
BIO-APM-1								
10/22/2010	Y	Peregrine Falcon	32°36'56.43' 5'39.91"W			Notified Link Lead	Peregrine falcon resting on nearby tower outside of substation. It was not impacted by any work activities.	Southbay Substation
Mitigation Measure in Compliance? Y								
Peregrine Falco								
BIO-APM-26								
10/19/2010	Y						Sloped end of trench in order for animals to escape if they were to fall in.	Southbay substation
Mitigation Measure in Compliance? Y								
Sloping trench								
10/20/2010	Y						Remarks: Sloped end of trench in order for animals to escape if they were to fall in.	
Mitigation Measure in Compliance? Y								
Sloping trench								
10/22/2010	Y						Sloped end of trench in order for animals to escape if they were to fall in.	Southbay substation
Mitigation Measure in Compliance? Y								
Sloping trench								

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LINK: NA								
PAL-1c								
10/18/2010	Y						Remarks: Paleontological Monitoring Monitor present during all ground disturbance.	Encina Substation
Mitigation Measure in Compliance? Y								
Paleo Monitor								
10/19/2010	Y						Remarks: Paleontological Monitoring Monitor present during all ground disturbance.	South Bay Substation
Mitigation Measure in Compliance? Y								
Paleo Monitor								
10/20/2010	Y						Remarks: Paleontological Monitoring Monitor present during all ground disturbance.	South Bay Substation
Mitigation Measure in Compliance? Y								
Paleo Monitor								
10/21/2010	Y						Remarks: Paleontological Monitoring Monitor present during all ground disturbance.	South Bay Substation
Mitigation Measure in Compliance? Y								
Paleo Monitor								
10/22/2010	Y						Remarks: Paleontological Monitoring Monitor present during all ground disturbance.	South Bay Substation
Mitigation Measure in Compliance? Y								
Paleo Monitor								