# 2005 LRDP EIR Mitigation Annual Monitoring Report, 2012-13 Table 2: Project Implementation of LRDP EIR Mitigation Measures

Cresquivaten or more detailed mitigation included in stand-alone (not litered) EEDA document Archimistanis in included in protect implementary and monitored as general campus.  Initiation Mark LDP mitigation replaced or modified for protect	December 1997 and 19	T			1			1
AES-3A Lower campus meadows visual resources         - <td>X=mitigation included in project</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td>	X=mitigation included in project							•
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AES-3B Academic Core bordering Great Meadow-cluster development	AES-3A Lower campus meadows visual resources							
AES-3C Meyer Drive Extension not visible from Hagar         -         <	•							
AES-4 Design measures for Cowell Ranch historic district area  AES-55 AD ABF or eview for consistency with landscape elements								
AES-SA DAB review for consistency with landscape elements								
AES-95 Building height relative to trees								
AES-SE Visual buffer, campus support area-Empire Grade	AES-5A DAB review for consistency with landscape elements						X-C	X-C
AES-5E Visual buffer, campus support area-Empire Grade	AES-5B Building height relative to trees		X-C			X-C		
AES-SE Visual buffer, campus support area-Empire Grade	AES-5C Minimize tree removal		X-C			X-C	X-A	
AES-5F Evaluate trees for aesthetic value and replace         -	AES-5E Visual buffer, campus support area-Empire Grade							
AES-6A Avoid reflected light if potential for glare  AES-6B Directional lighting, minimize light spillage								
AES-6E Driectional lighting, minimize light spillage	·							
AES-6E DAB consider light and glare								
AES-6E DAB review outdoor lighting								
AIR-1 Construction dust control  AIR-2A Design features to conserve natural gas/minimize air pollutant emissions			X-C			X-C	X-A	X-C
AIR-1 Construction dust control  AIR-2A Design features to conserve natural gas/minimize air pollutant emissions  AIR-2A Design features to conserve natural gas/minimize air pollutant emissions	AES-6E DAB review outdoor lighting		X-C			X-C	X-A	X-NA
AIR-2A Design features to conserve natural gas/minimize air pollutant emissions	AIR-1 Construction dust control	X-C		X*-A		X-A	X-A	X-A
AIR-2C VOC and NOx controls on new gas turbines					<b>Y</b> -C			
AIR-5A Emergency generator testing schedule								
AIR-6 Construction air pollutant emissions measures  AIR-7 Continue TAC reduction efforts								
AIR-7 Continue TAC reduction efforts								
BIO-1A Chaparral avoidance	·		X-C			X-A		X-A
BIO-1B Chaparral preservation and management	AIR-7 Continue TAC reduction efforts							
BIO-12 Chaparral restoration	BIO-1A Chaparral avoidance							
BIO-12 Chaparral restoration	BIO-1B Chaparral preservation and management							
BIO-2A Coastal prairie avoidance								
BIO-2B Coastal prairie restoration								
BIO-3A wetlands reconnaissance								
Sinch   Sinc								
SilO-3C Avoid wetlands		X-C						
SiD-3D Restore or create wetlands	BIO-3B Wetlands delineation	X-NA						
Silo-4A Avoid riparian habitat	BIO-3C Avoid wetlands	X-NA						
Silo-4A Avoid riparian habitat	BIO-3D Restore or create wetlands	X-NA						
BIO-4B Restore/enhance riparian vegetation (small areas)   X-NA X*-A X-NA X-NA BIO-4C Restore/enhance riparian vegetation (large areas)   X-NA X*-A X-NA X-NA BIO-6 Avoid spreading pitch canker, noxious weeds, SODS   X-C X-C X-A X-A BIO-7B Arboretum plantings north of existing fencing maintain OTB movement corridors   X-C X-C X-A X-A X-A BIO-9 CRLF monitoring, avoidance   X-C X*-A X-A X-A X-A X-A BIO-11 nesting bird surveys, buffers   X-C X-C X*-A X-A X-A X-A X-A BIO-12A Burrowing owl surveys   X-C X-C X-A X-A X-A BIO-12B Burrowing owl avoidance, relocation   X-C X-C X-C X-C X-C X-C X-C				Χ*-Δ		X-C	X-C	
BIO-4C Restore/enhance riparian vegetation (large areas)   X-NA								
BIO-6 Avoid spreading pitch canker, noxious weeds, SODS				) (± A				
BIO-7B Arboretum plantings north of existing fencing maintain OTB movement corridors  BIO-9 CRLF monitoring, avoidance  BIO-11 nesting bird surveys, buffers  BIO-12A Burrowing owl surveys  BIO-12B Burrowing owl avoidance, relocation  X-C  X-C  X-C  X-C  X-A  X-A  X-A  X-A	BIO-4C Restore/ennance riparian vegetation (large areas)			X^-A				
Corridors   Corr			X-C			X-C	X-A	X-A
Silo-9 CRLF monitoring, avoidance	BIO-7B Arboretum plantings north of existing fencing maintain OTB movement							
Silo-11 nesting bird surveys, buffers	corridors							
Silo-11 nesting bird surveys, buffers	BIO-9 CRI F monitoring, avoidance	X-C		X*-A				
BIO-12A Burrowing owl surveys   X-C         X-NA						Υ_Δ	Υ_Δ	Υ_Δ
BIO-12B Burrowing owl avoidance, relocation  X-C X-NA BIO-13A Bat surveys  BIO-13B Avoid/relocate maternity roost  BIO-14 woodrat surveys and avoidance  BIO-15 New Arboretum fencing allow mammal movement  CULT-16 Define archaeological resource APE and records review  X-C X-C X*-C X-C X-C X-C X-C X-C X-C X-C X-C X-C X								
BIO-13A Bat surveys	<u> </u>					_		
BIO-13B Avoid/relocate maternity roost		X-C						
BIO-14 woodrat surveys and avoidance	BIO-13A Bat surveys		X-C	X*-A		X-C	X-C	X-C
BIO-14 woodrat surveys and avoidance	BIO-13B Avoid/relocate maternity roost		X*-C	X*-NA		NA	NA	
BIO-15 New Arboretum fencing allow mammal movement			X*-C	X*-A		X-C	X-C	
CULT-1A Define archaeological resource APE and records review  X-C X-C X-C X-C  CULT-1B Contractor and campus staff training on archaeological artifact procedures X-C X*-C X-C X-C X-A  CULT-1C Intensive archaeological survey  X-C X-C X-C  CULT-1D If resource is in APE, evaluate resource  CULT-1E Avoid historical resources or unique archaeological resources  X*-A  CULT-1F If avoidance not possible, archaeological resource recovery  X-C X*-C X-C X-C X-C  X-C X-C X-C X-C X-C  X-C X-C X-C X-C X-C X-C X-C X-C X-C X-C								
CULT-1B Contractor and campus staff training on archaeological artifact procedures X-C X*-C X-C X-C X-A  CULT-1C Intensive archaeological survey X-C X-C X-C  CULT-1D If resource is in APE, evaluate resource  CULT-1E Avoid historical resources or unique archaeological resources X*-A  CULT-1F If avoidance not possible, archaeological resource recovery X-C X*-A						v C	V C	V C
CULT-1C Intensive archaeological survey  X-C X-C X-C  CULT-1D If resource is in APE, evaluate resource   CULT-1E Avoid historical resources or unique archaeological resources  X*-A  CULT-1F If avoidance not possible, archaeological resource recovery  X-C X*-A	OOLT TA Define archaeological resource AFL and records review	∧-C				∧-U	∧-U	∧-U
CULT-1C Intensive archaeological survey  X-C X-C X-C  CULT-1D If resource is in APE, evaluate resource   CULT-1E Avoid historical resources or unique archaeological resources  X*-A  CULT-1F If avoidance not possible, archaeological resource recovery  X-C X*-A	L.,, - ,- a		., -			., -		
CULT-1D If resource is in APE, evaluate resource			X-C	X*-C				
CULT-1E Avoid historical resources or unique archaeological resources X*-A CULT-1F If avoidance not possible, archaeological resource recovery X-C X*-A	CULT-1C Intensive archaeological survey		]			X-C	X-C	X-C
CULT-1E Avoid historical resources or unique archaeological resources X*-A CULT-1F If avoidance not possible, archaeological resource recovery X-C X*-A	CULT-1D If resource is in APE, evaluate resource							
CULT-1F If avoidance not possible, archaeological resource recovery  X-C  X*-A				X*-A				
COLT-TO FTOCEGUIES IOI UITEXPECIEU DISCOVETY DUTING CONSTRUCTION     X-C   X-C   X -A     X-A   X-A   X-A			V C					
	OOL 1-10 F100edules for unexpected discovery during construction	∧ <b>-</b> C	<b>∧-</b> ∪	∧ -A		∧-H	V-H	V-H

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X=mitigation included in project							
X*=equivalent or more detailed mitigation included in stand-alone (not tiered) CEQA document	_		-þr				e .
X+=mitigation is included in project but implemented and monitored as general campus	EIR)		Infrastructure Phase 2 (2008, Stand- alone IS/MND)	2300 Delaware/ Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR)	Cogeneration Plant Replacement Phase 1 (2011 Tiered IS/MND)		Telecommunications Infrastructure Improvements Ph A (2013 Tiered IS/MND)
mitigation	PE	<u>(</u>	8, 8	and dur	em (O	Merrill Residence Halls Capital Renewal (2013 Tiered IS/MND)	ations Infrastructu Ph A (2013 Tiered
X-M=LRDP mitigation replaced or modified for project=mitigation was not included in project (includes instances where	-RC	Σ	200	ms den	lac MN	Cap	fras 13 <sup>-</sup>
measure was implemented before CEQA document was prepared)	1) [	/SI	2 (	E ŏ	Rep I IS	slls d IS	3 In
O=other project mitigation addresses the same impact as LRDP mitigation	Infrastructure Phase I (LRDP	Biomed (2006 Tiered IS/MND)	ase	들 수	nt I	Ha ere	ons A
A=Active	Ph	Tie	- Ph	7 2 €	Pla Tie	nce 3 Ti	cati s Pt
C=Complete	ure	900	Infrastructure alone IS/MND)	2300 Delaware/ ' Materials Lab (2 2005 LRDP EIR)	ion 011	ide	Telecommunica Improvements P IS/MND)
H=Project on hold	uct	(20	uct S/M	ls L	rati I (2	Res al (2	nm eme
NA=Not applicable to project as approved or designed, or no action required to date	astr	nec	astr e K	er is	ene Se '	ewa	S S ON
	nfra	ior	nfra Ilon	30C	og ha	/leri	ele mpr
CULT-1H Procedures for situations where data recovery cannot capture values that	_	Ш	æ	N = N	Оп	215	P = =
qualify the site for inclusion on the CRHR							
CULT-2A Implement Mits AES-4A and AES-4B for projects in Cowell Ranch Historic							
District							
CULT-2B Define project's APE for historic resources					X-C	X-C	X-C
CULT-2C Assess significance of buildings or structures more than 50 years old							
before alteration							
CULT-2D Consider measures to avoid impacts to structures that qualify for listing on							
CRHR							
CULT-2E If modifications to significant structure can't be avoided, carry out							
documentation and treatment							
CULT-2F If building's demolition or destruction can't be fully mitigated, consider							
substantion project modifications							
CULT-3A Documentation of significant archaeological resources	X-C						
CULT-3B Documentation of significant historic resources or unique archeaological	~ 0						
resources	X-C						
CULT-4B Native American representative	X-C						
CULT-4C Procedures for discovery of human remains	X-C	X-C			X-A	X-NA	X-A
CULT-4D Procedures if human remains cannot be left in place	X-C						
CULT-5A Consult campus geology map to evaluate potential for paleontological	~ 0						
resources					X-C	X-C	X-C
CULT-5B Paleontological survey							
CULT-5C Procedures for discovery of paleontological resources		X-C			X-NA	X-NA	X-A
CULT-5D Reduce impacts to unique paleontological resources							X-NA
GEO-1 Geotech investigation for foundations	X-NA	X-C			X-C		X-C
HAZ-7 Survey for potential contamination	X-NA				X-A	X-A	X-C
HAZ-9A Requirements re: site access during construction		X-C			X-A	X-A	X-A
HAZ-9D Emergency egress route for north campus							
HAZ-10A Fire Dept inspect buildings							
HAZ-10B Vegetation management plan for north campus							
HAZ-10C wildland fire prevention signs							
HAZ-10D Require Uniform Wildland Interface Code where applicable							
HAZ-11 Hazardous materials mitigation for labs operated by non-UC entities							
HYD-2A Less than 1 acre erosion control plan					X-A		
HYD-2B Requirements for grading on steep slopes	X-C	X-C			X-A	X-A	
HYD-3B Measures to reduce erosion on fire roads							
HYD-3C Design measures to reduce peak flows	X-C	X-C			X-C	X-A	X-A
HYD-3D Low impact development, minimize increase in runoff volume	X-C	X-C			X-C	X-A	X-A
HYD-3E Pathways and bikeways to include fencing, signs to control bike/pedestrian	Λ 0	Α Ο			Α 0	7(7)	7,71
circulation							
HYD-5B Projects on karst with possible pressure grouting					X-C		
NOIS-1 Construction noise mitigation program	X-A	X-C	X*-A		X-A	X-A	X-A
NOIS-2 Require contractors to use truck routes	Λ-A	X-C			X-A	Λ-Λ	
NOIS-3 Noise control features included in noise-sensitive development					7-A		
REC-2A Open space & tot lots included in family housing projects							
TRA-1 Monitoring at campus intersections							
TRA-2A Traffic analysis every three years or 1,000 students and pay fair share of				<del></del>			
intersection improvements		X-C					
TRA-2B Implement and expand TDM							
TIVA-2D Implement and expand TDM							
TRA-3B Monitor parking demand and construct new parking							

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TRA-4A Monitor transit service							
TRA-4B Improve transit service			I		-	-	
TRA-4C Maintain transit cycle times			-				
TRA-4D Coordinate roadway and circulation improvements with pace of growth			1			-	
TRA-4E Implement bicycle circulation elements of LRDP							
TRA-6B Contribute fair share of local cost of freeway improvements							
UTIL-4 Recycling and waste reduction						X-NA	
UTIL-5 New buildings added to Campus Energy Management System		X-C					
UTIL-9A Continue water conservation measures		X-C					

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