

2005 LRDP EIR Mitigation Annual Monitoring Report, 2010-11
Table 2: Project Implementation of LRDP EIR Mitigation Measures

	Infrastructure Phase 1 (LRDP EIR)	Biomed (2006 Tiered IS/MND)	Infrastructure Phase 2 (2008, Stand-alone IS/MND)	2300 Delaware/ Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR)
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Mitigation				
AES-3A Lower campus meadows visual resources	--	--	--	--
AES-3B Academic Core bordering Great Meadow-cluster development	--	--	--	--
AES-3C Meyer Drive Extension not visible from Hagar	--	--	--	--
AES-4 Design measures for Cowell Ranch historic district area	--	--	--	--
AES-5A DAB review for consistency with landscape elements	--	X-C	--	--
AES-5B Building height relative to trees	--	X-C	--	--
AES-5C Minimize tree removal	--	X-C	--	--
AES-5E Visual buffer, campus support area-Empire Grade	--	--	--	--
AES-5F Evaluate trees for aesthetic value and replace	--	X-C	--	--
AES-6A Avoid reflected light if potential for glare	--	--	--	--
AES-6B Directional lighting, minimize light spillage	--	X-C	--	--
AES-6C DAB consider light and glare	--	X-C	--	--
AES-6E DAB review outdoor lighting	--	X-C	--	--
AIR-1 Construction dust control emissions	X-C	X-C	X*-A	--
AIR-2C VOC and NOx controls on new gas turbines	--	X-C	--	X-C
AIR-5A Emergency generator testing schedule	--	--	--	--
AIR-6 Construction air pollutant emissions measures	--	X-C	--	--
AIR-7 Continue TAC reduction efforts	--	--	--	--
BIO-1A Chaparral avoidance	--	--	--	--
BIO-1B Chaparral preservation and management	--	--	--	--
BIO-1C Chaparral restoration	--	--	--	--
BIO-2A Coastal prairie avoidance	X-C	--	--	--
BIO-2B Coastal prairie restoration	X-NA	--	--	--
BIO-3A wetlands reconnaissance	X-C	--	--	--
BIO-3B Wetlands delineation	X-NA	--	--	--
BIO-3C Avoid wetlands	X-NA	--	--	--
BIO-3D Restore or create wetlands	X-NA	--	--	--
BIO-4A Avoid riparian habitat	X-C	--	X*-A	--
BIO-4B Restore/enhance riparian vegetation (small areas)	X-NA	--	X*-A	--
BIO-4C Restore/enhance riparian vegetation (large areas)	X-NA	--	X*-A	--
BIO-6 Avoid spreading pitch canker, noxious weeds, SODS	--	X-C	--	--
BIO-7B Arboretum plantings north of existing fencing maintain OTB movement corridors	--	--	--	--
BIO-9 CRLF monitoring, avoidance	X-C	--	X*-A	--
BIO-11 nesting bird surveys, buffers	X-C	X-C	X*-A	--

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Mitigation				
BIO-12A Burrowing owl surveys	X-C	--	--	--
BIO-12B Burrowing owl avoidance, relocation	X-C	--	--	--
BIO-13A Bat surveys	--	X-C	--	--
BIO-13B Avoid/relocate maternity roost	--	X*-C	--	--
BIO-14 woodrat surveys and avoidance	--	X*-C	X*-A	--
BIO-15 New Arboretum fencing allow mammal movement	--	--	--	--
CULT-1A Define archaeological resource APE and records review	X-C	--	--	--
CULT-1B Contractor and campus staff training on archaeological artifact procedures	--	X-C	--	--
CULT-1C Intensive archaeological survey	--	--	--	--
CULT-1D If resource is in APE, evaluate resource	--	--	--	--
CULT-1E Avoid historical resources or unique archaeological resources	--	--	--	--
CULT-1F If avoidance not possible, archaeological resource recovery	X-C		--	--
CULT-1G Procedures for unexpected discovery during construction	X-C	X-C	--	--
CULT-1H Procedures for situations where data recovery cannot capture values that 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	--	--	--	--
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 substantiation project modifications	--	--	--	--
CULT-3A Documentation of significant archaeological resources	X-C	--	--	--
CULT-3B Documentation of significant historic resources or unique archaeological resources	X-C	--	--	--
CULT-4B Native American representative	X-C	--	--	--
CULT-4C Procedures for discovery of human remains	X-C	X-C	--	--
CULT-4D Procedures if human remains cannot be left in place	X-C	--	--	--
CULT-5A Consult campus geology map to evaluate potential for paleontological resources	--	--	--	--

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Mitigation				
CULT-5B Paleontological survey	--	--	--	--
CULT-5C Procedures for discovery of paleontological resources	--	X-C	--	--
CULT-5D Reduce impacts to unique paleontological resources	--	--	--	--
GEO-1 Geotech investigation for foundations	X-NA	X-C	--	--
HAZ-7 Survey for potential contamination	X-NA	--	--	--
HAZ-9A Requirements re: site access during construction	--	X-C	--	--
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	--	--	--	--
HYD-2B Requirements for grading on steep slopes	X-C	X-C	--	--
HYD-3B Measures to reduce erosion on fire roads	--	--	--	--
HYD-3C Design measures to reduce peak flows	X-C	X-C	--	--
HYD-3D Low impact development, minimize increase in runoff volume	X-C	X-C	--	--
HYD-3E Pathways and bikeways to include fencing, signs to control bike/pedestrian circulation	--	--	--	--
HYD-5B Projects on karst with possible pressure grouting	--	--	--	--
NOIS-1 Construction noise mitigation program	X-A	X-C	X*-A	--
NOIS-2 Require contractors to use truck routes	--	--	--	--
NOIS-3 Noise control features included in noise-sensitive development	--	--	--	--
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 intersection improvements	--	X-C	--	--
TRA-2B Implement and expand TDM	--	--	--	--
TRA-3B Monitor parking demand and construct new parking	--	--	--	--
TRA-4A Monitor transit service	--	--	--	--
TRA-4B Improve transit service	--	--	--	--
TRA-4C Maintain transit cycle times	--	--	--	--
TRA-4D Coordinate roadway and circulation improvements with pace of growth	--	--	--	--
TRA-4E Implement bicycle circulation elements of LRDP	--	--	--	--

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TRA-6B Contribute fair share of local cost of freeway improvements	--	--	--	--
UTIL-4 Recycling and waste reduction	--	--	--	--
UTIL-5 New buildings added to Campus Energy Management System	--	X-C	--	--
UTIL-9A Continue water conservation measures	--	X-C	--	--