

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

| KEY: <u>X=mitigation included in project</u> <u>X*=equivalent or more detailed mitigation included in stand-alone (not tiered) CEQA document</u> <u>X+=mitigation is included in project but implemented and monitored as general campus mitigation</u> <u>X-M=LRDP mitigation replaced or modified for project</u> <u>--=mitigation was not included in project (includes instances where measure was implemented before CEQA document was prepared)</u> <u>O=other project mitigation addresses the same impact as LRDP mitigation</u> <u>A=Active</u> <u>C=Complete</u> <u>H=Project on hold</u> <u>NA=Not applicable to project as approved or designed</u> | Infrastructure Phase I (LRDP EIR) | Biomed (2006 Tiered IS/MND) | CSHC (2008 Stand-alone IS/MND) | Infrastructure Phase 2 (2008, Stand-alone IS/MND) | Porter B Addition (2008 Stand-alone IS/MND) | Porter A Addition (2009 Stand-alone IS/MND) | East Campus Infill (2009 Tiered EIR) | 2300 Delaware/Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR) |
|---|-----------------------------------|-----------------------------|--------------------------------|---|---|---|--------------------------------------|---|
| 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 | -- | -- | -- | X-C | X-H | -- |
| AES-5B Building height relative to trees | -- | X-C | -- | -- | -- | | X-H | -- |
| AES-5C Minimize tree removal | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| AES-5E Visual buffer, campus support area-Empire Grade | -- | -- | -- | -- | -- | -- | -- | -- |
| AES-5F Evaluate trees for aesthetic value and replace | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| AES-6A Avoid reflected light if potential for glare | -- | -- | -- | -- | -- | -- | -- | -- |
| AES-6B Direction lighting, minimize light spillage | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| AES-6C DAB consider light and glare | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| AES-6E DAB review outdoor lighting | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| AIR-1 Construction dust control | X-C | X-A | X*-C | X*-H | -- | X-C | X-H | -- |
| AIR-2A Design features to conserve natural gas/minimize air pollutant emissions | -- | X-C | -- | -- | -- | X-C | X-H | X-C |
| AIR-2C VOC and NOx controls on new gas turbines | -- | -- | -- | -- | -- | -- | -- | X-C |
| AIR-5A Emergency generator testing schedule | -- | -- | -- | -- | -- | -- | X+-H | -- |
| AIR-6 Construction air pollutant emissions measures | -- | X-C | -- | -- | -- | X-C | X-H | -- |
| 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 | -- | -- | -- | -- | X-C | -- | -- |
| BIO-2B Coastal prairie restoration | X-NA | -- | -- | -- | -- | -- | -- | -- |
| BIO-3A wetlands reconnaissance | X-C | -- | -- | -- | -- | X-C | X-H | -- |
| 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*-H | -- | -- | -- | -- |
| BIO-4B Restore/enhance riparian vegetation (small areas) | X-NA | -- | -- | X*-H | -- | -- | -- | -- |
| BIO-4C Restore/enhance riparian vegetation (large areas) | X-NA | -- | -- | X*-H | -- | -- | -- | -- |
| BIO-6 Avoid spreading pitch canker, noxious weeds, SODS | -- | X-C | X*-C | -- | -- | X-C | X-H | -- |
| BIO-7B Arboretum plantings north of existing fencing maintain OTB movement corridors | -- | -- | -- | -- | -- | -- | -- | -- |
| BIO-9 CRLF monitoring, avoidance | X-C | -- | -- | X*-H | -- | -- | -- | -- |
| BIO-11 nesting bird surveys, buffers | X-C | X-C | X*-C | X*-H | -- | X-C | X-H | -- |

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

| | Infrastructure Phase I (LRDP EIR) | Biomed (2006 Tiered IS/MND) | CSHC (2008 Stand-alone IS/MND) | Infrastructure Phase 2 (2008, Stand-alone IS/MND) | Porter B Addition (2008 Stand-alone IS/MND) | Porter A Addition (2009 Stand-alone IS/MND) | East Campus Infill (2009 Tiered EIR) | 2300 Delaware/Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR) |
|--|-----------------------------------|-----------------------------|--------------------------------|---|---|---|--------------------------------------|---|
| KEY: <u>X=mitigation included in project</u> <u>X*=equivalent or more detailed mitigation included in stand-alone (not tiered) CEQA document</u> <u>X+=mitigation is included in project but implemented and monitored as general campus mitigation</u> <u>X-M=LRDP mitigation replaced or modified for project</u> <u>--=mitigation was not included in project (includes instances where measure was implemented before CEQA document was prepared)</u> <u>O=other project mitigation addresses the same impact as LRDP mitigation</u> <u>A=Active</u> <u>C=Complete</u> <u>H=Project on hold</u> <u>NA=Not applicable to project as approved or designed</u> | | | | | | | | |
| Mitigation | | | | | | | | |
| BIO-12A Burrowing owl surveys | X-C | -- | -- | -- | -- | X-C | -- | -- |
| BIO-12B Burrowing owl avoidance, relocation | X-C | -- | -- | -- | -- | -- | -- | -- |
| BIO-13A Bat surveys | -- | X-C | X*-C | -- | -- | X-C | X-H | -- |
| BIO-13B Avoid/relocate maternity roost | -- | X*-C | X*-NA | -- | -- | X-C | X-H | -- |
| BIO-14 woodrat surveys and avoidance | -- | X*-C | X*-C | X*-H | -- | -- | X-H | -- |
| BIO-15 New Arboretum fencing allow mammal movement | -- | -- | -- | -- | -- | -- | -- | -- |
| CULT-1A Define archaeological resource APE and records review | X-C | -- | -- | -- | -- | X-C | X-H | -- |
| CULT-1B Contractor and campus staff training on archaeological artifact procedures | -- | X-C | X*-C | -- | -- | X-C | X-H | -- |
| CULT-1C Intensive archaeological survey | -- | -- | -- | -- | -- | X-C | X-H | -- |
| 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 | -- | X*-C | -- | -- | -- | X-H | -- |
| CULT-1G Procedures for unexpected discovery during construction | X-C | X-C | X*-C | -- | -- | X-C | X-H | -- |
| CULT-1H Procedures for situations where data recovery cannot capture values that qualify the site for inclusion on the CRHR | -- | -- | -- | -- | -- | -- | X-H | -- |
| 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-H | -- |
| 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 | -- | -- | -- | -- | -- | X-H | -- |
| CULT-3B Documentation of significant historic resources or unique archaeological resources | X-C | -- | -- | -- | -- | -- | -- | -- |
| CULT-4B Native American representative | X-C | -- | -- | -- | -- | -- | X-H | -- |
| CULT-4C Procedures for discovery of human remains | X-C | X-C | X*-C | -- | -- | X-C | X-H | -- |
| CULT-4D Procedures if human remains cannot be left in place | X-C | -- | -- | -- | -- | -- | X-H | -- |

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

| Mitigation | Infrastructure Phase I (LRDP EIR) | Biomed (2006 Tiered IS/MND) | CSHC (2008 Stand-alone IS/MND) | Infrastructure Phase 2 (2008, Stand-alone IS/MND) | Porter B Addition (2008 Stand-alone IS/MND) | Porter A Addition (2009 Stand-alone IS/MND) | East Campus Infill (2009 Tiered EIR) | 2300 Delaware/Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR) |
|--|-----------------------------------|-----------------------------|--------------------------------|---|---|---|--------------------------------------|---|
| KEY: <u>X=mitigation included in project</u> <u>X*=equivalent or more detailed mitigation included in stand-alone (not tiered) CEQA document</u> <u>X+=mitigation is included in project but implemented and monitored as general campus mitigation</u> <u>X-M=LRDP mitigation replaced or modified for project</u> <u>--=mitigation was not included in project (includes instances where measure was implemented before CEQA document was prepared)</u> <u>O=other project mitigation addresses the same impact as LRDP mitigation</u> <u>A=Active</u> <u>C=Complete</u> <u>H=Project on hold</u> <u>NA=Not applicable to project as approved or designed</u> | | | | | | | | |
| CULT-5A Consult campus geology map to evaluate potential for paleontological resources | -- | -- | -- | -- | -- | X-C | X-H | -- |
| CULT-5B Paleontological survey | -- | -- | -- | -- | -- | -- | -- | -- |
| CULT-5C Procedures for discovery of paleontological resources | -- | X-C | X*-C | -- | -- | X-C | X-H | -- |
| CULT-5D Reduce impacts to unique paleontological resources | -- | -- | -- | -- | -- | -- | X-H | -- |
| GEO-1 Geotech investigation for foundations | X-NA | X-C | -- | -- | -- | -- | X-H | -- |
| HAZ-7 Survey for potential contamination | X-NA | -- | -- | -- | -- | X-C | X-H | -- |
| HAZ-9A Requirements re: site access during construction | -- | X-A | -- | -- | -- | X-C | X-H | -- |
| 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 | -- | -- | -- | -- | -- | -- | X-H | -- |
| HAZ-11 Hazardous materials mitigation for labs operated by non-UC entities | -- | -- | -- | -- | -- | -- | -- | -- |
| HYD-2A Less than 1 acre erosion control plan | -- | -- | -- | -- | -- | -- | X-H | -- |
| HYD-2B Requirements for grading on steep slopes | X-C | X-C | -- | -- | -- | -- | -- | -- |
| HYD-3B Measures to reduce erosion on fire roads | -- | -- | -- | -- | -- | -- | X-H | -- |
| HYD-3C Design measures to reduce peak flows | X-C | X-C | O-C | -- | -- | -- | X-H | -- |
| HYD-3D Low impact development, minimize increase in runoff volume | X-C | X-C | O-C | -- | -- | X-C | X-H | -- |
| HYD-3E Pathways and bikeways to include fencing, signs to control bike/pedestrian circulation | -- | -- | -- | -- | -- | -- | -- | -- |
| HYD-5B Projects on karst with possible pressure grouting | -- | -- | -- | -- | -- | -- | X-H | -- |
| NOIS-1 Construction noise mitigation program | X-A | X-C | X*-C | X*-A | -- | X-C | X-H | -- |
| NOIS-2 Require contractors to use truck routes | -- | -- | -- | -- | -- | -- | X-H | -- |
| NOIS-3 Noise control features included in noise-sensitive development | -- | -- | -- | -- | -- | X-C | X-H | -- |
| 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 | X*-C | -- | -- | -- | X-H | -- |
| TRA-2B Implement and expand TDM | -- | -- | -- | -- | -- | -- | X+H | -- |
| TRA-3B Monitor parking demand and construct new parking | -- | -- | -- | -- | -- | -- | X+H | -- |
| TRA-4A Monitor transit service | -- | -- | -- | -- | -- | X-C | X+H | -- |
| TRA-4B Improve transit service | -- | -- | -- | -- | -- | X-C | X+H | -- |

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

| <p>KEY: <u>X=mitigation included in project</u> <u>X*=equivalent or more detailed mitigation included in stand-alone (not tiered) CEQA document</u> <u>X+=mitigation is included in project but implemented and monitored as general campus mitigation</u> <u>X-M=LRDP mitigation replaced or modified for project</u> <u>--=mitigation was not included in project (includes instances where measure was implemented before CEQA document was prepared)</u> <u>O=other project mitigation addresses the same impact as LRDP mitigation</u> <u>A=Active</u> <u>C=Complete</u> <u>H=Project on hold</u> <u>NA=Not applicable to project as approved or designed</u></p> <p>Mitigation</p> | Infrastructure Phase I (LRDP EIR) | Biomed (2006 Tiered IS/MND) | CSHC (2008 Stand-alone IS/MND) | Infrastructure Phase 2 (2008, Stand-alone IS/MND) | Porter B Addition (2008 Stand-alone IS/MND) | Porter A Addition (2009 Stand-alone IS/MND) | East Campus Infill (2009 Tiered EIR) | 2300 Delaware/Thin Films and Materials Lab (2010 Addendum to 2005 LRDP EIR) |
|--|-----------------------------------|-----------------------------|--------------------------------|---|---|---|--------------------------------------|---|
| TRA-4C Maintain transit cycle times | -- | -- | -- | -- | -- | X-A | X-H | -- |
| TRA-4D Coordinate roadway and circulation improvements with pace of growth | -- | -- | -- | -- | -- | X-C | X-H | -- |
| TRA-4E Implement bicycle circulation elements of LRDP | -- | -- | -- | -- | -- | -- | X-H | -- |
| TRA-6B Contribute fair share of local cost of freeway improvements | -- | -- | -- | -- | -- | -- | -- | -- |
| UTIL-4 Recycling and waste reduction | -- | -- | -- | -- | -- | -- | X+-H | -- |
| UTIL-5 New buildings added to Campus Energy Management System | -- | X-C | -- | -- | -- | -- | X-H | -- |
| UTIL-9A Continue water conservation measures | -- | X-C | -- | -- | -- | X-C | X+-H | -- |