

# UC Santa Cruz 2005 LRDP EIR

## Annual Mitigation Monitoring Report, 2008-2009

### Introduction and Summary

The California Environmental Quality Act (CEQA) requires that a Lead Agency establish a program to monitor or report on mitigation measures adopted as part of the environmental review process to avoid or reduce the severity and magnitude of potentially significant environmental impacts associated with project implementation. CEQA (Public Resources Code Section 21081.6 (a) (1)) requires that a mitigation monitoring or reporting program be adopted at the time that the agency determines to carry out a project for which an EIR has been prepared to ensure that mitigation measures identified in the EIR are implemented.

The Regents of the University of California (The Regents) approved the UC Santa Cruz 2005 Long Range Development Plan (2005 LRDP) and Environmental Impact Report (EIR) in September 2006; a Mitigation Monitoring Program (MMP) for the 2005 LRDP EIR was adopted at the same time (<http://lrpd.ucsc.edu/Final2005EIR/2005feir-IV-4.0-mmp.pdf>). The Mitigation Monitoring Program (MMP) for the UC Santa Cruz 2005 LRDP is presented as a table that includes the full text of the mitigation measures identified in the Final EIR. The Campus may modify the means by which it will implement a mitigation measure, as long as the alternative means of implementing the measure ensures compliance during project implementation. The MMP includes the following information:

**Mitigation Number:** Identifies the number assigned to the mitigation measure in the Final 2005 LRDP EIR.

**Applicability/ Project Type:** This column identifies whether the mitigation measure applies to general campus operations, to certain types of projects (e.g., only housing projects), or to all development projects under the 2005 LRDP.

**Location:** Identifies the specific parts of campus to which the mitigation measure applies (e.g., in or near the Cowell Lime Works Historic District).

**Mitigation Measure:** Provides the full text of the mitigation measure as given in the Final EIR.

**Mitigation Procedure:** Summarizes the steps to be taken to implement the mitigation measures.

**Responsible Party:** Assigns responsibility for implementation of the mitigation measure to a specific campus unit.

**Mitigation Timing:** For general campus mitigations, identifies when the mitigation must be implemented (e.g., an event that triggers the mitigation, intervals at which implementation is required, or a deadline for completion). For project-specific mitigations, identifies the stage of project development during which the mitigation action will be taken.

**Monitoring and Reporting Procedure:** Specifies procedures for documenting and reporting mitigation activities.

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Mitigations are divided into two categories: *general campus measures*, which are implemented by the campus on an ongoing basis, and *project-specific measures*, which are implemented in conjunction with the development of individual campus construction projects. Examples of general campus mitigation measures are: 1) changes to campus operations and retrofitting existing facilities to reduce campus water use, and 2) the campus' transportation demand (TDM) program, which is designed to reduce the number of vehicle trips to the campus. Examples of project-specific mitigation measures are: 1) the protection of specific biotic resources or cultural resources during construction of a building, and 2) specific notices of anticipated construction noise for nearby residents. A few mitigations have both general and project-specific elements. The mitigation monitoring program for a development project may include both project-specific measures identified in the LRDP EIR, and mitigation measures identified in the project-level CEQA document, which applies only to that project.

The responsibilities of mitigation implementation, monitoring and reporting extend to numerous UC Santa Cruz departments and offices. The unit director or department lead officer of the identified unit or department is directly responsible for ensuring that the responsible party complies with the mitigation. Physical Planning and Construction is responsible for the overall administration of the program and for assisting other campus staff with their responsibilities, to ensure that they understand their charge and complete the required procedures accurately and on schedule.

In addition to overseeing the specific procedures identified in the following table for implementation of each mitigation measure, Physical Planning and Construction is responsible for preparing this Annual Mitigation Monitoring Report. The purpose of the Annual Mitigation Monitoring Report is to report on progress in implementation of general campus mitigation measures (that is, those measures that are not tied to specific development projects) and, for each project under development during the preceding period, to identify applicable mitigation measures and document the status of compliance for each project. The Annual Mitigation Monitoring Report is available for review by appointment at the office of Physical Planning and Construction on campus and posted on the campus website (<http://lrpd.ucsc.edu/mitigation-monitoring.shtml>).

For each general campus measure, a representative of the responsible campus unit completes a report form each year for compiling into the report. For each project, a checklist is prepared for all 2005 LRDP EIR and project-level mitigations applicable to the project. Reporting on the status of project-specific mitigations is the responsibility of each project manager, who updates the checklist on a quarterly basis.

Note that more than one campus unit may be assigned responsibilities for implementation of a given mitigation measures. In some cases, several units may be responsible for the same action (e.g., Colleges and University Housing Service [CUHS], Physical Plant Grounds Services, the Arboretum and the Center for Agriculture and Sustainable Food Systems are all required to comply with mitigations that regulate landscape irrigation). In other cases, implementation of the mitigation measure requires multiple actions, each of which may be the responsibility of a different unit. Each unit reports annually on each of its mitigation responsibilities; therefore, there may be multiple reports on annual compliance with a given mitigation measure, and more than one status category may be assigned to a single mitigation in any particular year.

The annual report also provides a description of activity undertaken by each responsible department relative to each mitigation measure and, if applicable, links to detailed reports or other supporting documentation of mitigation activity.

### ***Explanation of Terms Used in Annual Mitigation Monitoring Report***

The status of each mitigation measure is assessed each year, as: **Completed-No Further Action, Complete-Ongoing, In Progress, or Not Triggered** (see definitions, below).

**Completed – No Further Action:** The mitigation commitment has been fulfilled, either in the current reporting year or previously, and no further action is required in future years. These are generally one-time actions that were to be completed within a certain period of time after approval of the 2005 LRDP.

**Completed-Ongoing:** Mitigation commitments were implemented or monitored during the current reporting year, and additional actions are required in future years to fulfill the commitment. Mitigations in this category are generally measures that are to be implemented on an ongoing basis through the life of the 2005 LRDP, or measures that may take several years to complete.

**In Progress:** Ongoing or one-time mitigation commitments that have been partially implemented during the current reporting year. The "Summary of Mitigation Activities" section of this report further describes the campus's progress in implementing such mitigation measures.

**Not Triggered:** The need to take action to fulfill the mitigation commitment did not occur during the reporting year. Mitigations in this category may apply only after a certain time period has elapsed, only when the campus begins to develop a particular part of the campus, or only under particular circumstances, such as a drought emergency.

### ***Summary of 2008-09 Mitigation Activities***

#### **General Campus Mitigation Measures**

In 2008-09, the Campus fulfilled its mitigation commitments by implementing or monitoring the 61 general campus mitigation measures adopted by The Regents in connection with its approval of the 2005 LRDP. These 61 mitigation measures contain a total of 76 individual mitigation commitments. Seven of these commitments were completed during the 2008-09 reporting period or in the previous year and require no further action in future years, 52 ongoing mitigation commitments were implemented during the 2008-09 reporting year but require further action in future years, six were in progress but not completed during the reporting period, and 11 were not triggered. Table 1, *Mitigation Status Summary*

[[http://lrdp.ucsc.edu/MonitoringReports/MMP\\_Table1\\_2008-09.pdf](http://lrdp.ucsc.edu/MonitoringReports/MMP_Table1_2008-09.pdf)] lists all of the general campus mitigations and their status for the 2008-09 reporting year. Table 2, *Mitigation Status Detail* [[http://lrdp.ucsc.edu/MonitoringReports/MMP\\_Table2\\_2008-09.pdf](http://lrdp.ucsc.edu/MonitoringReports/MMP_Table2_2008-09.pdf)] provides complete descriptions of mitigation activities conducted during this reporting year. The status of each mitigation measure that was not completed during this reporting year is described below:

**LRDP Mitigation AIR-5B** requires that, if the Campus does not replace the existing cogeneration system with a new system with lower emissions within three years, the Campus shall conduct source tests for acrolein, a toxic air contaminant, for the Central Plant emergency generator and the cogeneration engine, and re-evaluate the health risk that could result from emissions of toxic air contaminants under the 2005 LRDP. If the estimated risk exceeds the significance threshold established by the Monterey Bay Unified Air Pollution Control District, the Campus must reduce emissions from the emergency generator either by: (1) replacing the generator, (2) replacing the engine with a more efficient one, or (3) installing a catalytic oxidizer or other emissions controls. The cogeneration system has not been replaced. However, the Campus has not been able to conduct source tests for acrolein, as there is currently no State approved methodology for accurate measurement of acrolein emissions. The Campus is currently conducting a feasibility study for the replacement of the cogeneration system.

**LRDP Mitigation BIO-15** requires that new fencing planned for installation around Arboretum plantings between Moore Creek and the Great Meadow shall be constructed to allow for the movement of mammals across or around the barrier. The Arboretum has installed temporary plastic fencing designed to allow passage of small mammals, such as raccoons, but to exclude deer and wild pigs. The Arboretum is raising funds for permanent fencing.

**LRDP Mitigation NOIS-2** requires that Campus Standards be amended to impose on all campus contracts that only City-designated truck routes shall be used for contractor truck trips accessing the campus. The Campus is in the process of revising its standard construction contract documents to include these requirements and anticipates that the process will be complete completed in 2009-10.

**LRDP Mitigation TRA-4F** requires that the Campus implement integrated transit, bicycle and pedestrian way-finding systems, including a pedestrian plan, on the main campus. In 2007-08, the Campus started preliminary work on modifying the campus signage standards to improve way-finding but has not yet completed a pedestrian plan.

**LRDP Mitigation TRA-5C** requires the Campus to provide on-line parking permit sales and way-finding information for visitors in order to reduce back-ups of vehicles at the main entrance kiosk. While directional maps and the Campus Calendar of events are available on-line, TAPS staff has not yet identified a secure means of issuing event-specific visitor parking permits.

**LRDP Mitigation TRA-5D** requires that the Campus continue to promote use of the on-line Campus Events Calendar System to improve coordination between Campus units, and to coordinate traffic and parking management for traffic producing events. This included the addition of an automatic link to the Calendar System to notify TAPS of the proposed scheduling of any event of over 50 persons in size so that the potential for parking and traffic congestion can be assessed. Improvements have been made to the Campus Events Calendar system, which now notifies TAPS of the proposed scheduling of large events on the Campus Calendar. Sponsors are not yet required to post their events to the Calendar system, resulting in some events not being posted (and TAPS failing to be notified). In general, however, these unreported events are believed to be relatively small in size.

## Project Mitigation Monitoring

In 2009-09, the Campus monitored project-specific LRDP EIR mitigation measures for the following projects, which were in planning, design or construction:

**Infrastructure Improvements, Phase 1.** This project, which includes improvements to the Campus domestic water system, construction of a new cooling tower, and improvements to the storm water drainage system, was approved in March 2007. Construction of the domestic water system improvements was completed in the summer of 2008. Construction of the cooling tower began in fall 2008; the campus anticipates the new tower will be completed by 2010. Construction of the Phase 1 stormwater improvements began in summer 2009; completion is expected in 2010.

**Infrastructure Improvements, Phase 2.** Phase 2, which includes improvements to the electrical distribution system and the heating hot water system, and additional storm water drainage improvements, was approved in July 2008. Construction is anticipated to begin when the campus receives funding from the State.

**Biomedical Sciences Facility.** This project was approved in January 2007 and construction began in December 2008. Construction is expected to be completed in 2011.

**Fiberoptic Systems Upgrade.** The Fiberoptic Systems Upgrade project was approved in December 2007. Construction was completed in 2008.

**Cowell Student Health Center Expansion and Renovation.** The project was approved in January 2008. Construction is expected to be completed in 2010.

**Porter College House B Addition.** The Porter College House B Addition was approved in July 2008. Construction was completed in fall 2009.

**Porter College House A Seismic, Capital Renewal and Expansion.** The Porter College House A Project was approved in May 2009 and construction began in summer 2009. Construction is expected to be completed in 2010.

**East Campus Infill Project.** The East Campus Infill Project was approved in July 2009. This project is on hold and construction has not begun.

In 2008-09, the Campus also continued to monitor three projects that were approved under the 1988 LRDP:

**McHenry Library.** The McHenry Library Project was approved in September 2004. Phase 1, construction of an addition to the existing building, was completed in 2008. Construction of Phase 2, seismic retrofit and renovation of the existing building, is scheduled for completion in 2010.

**Digital Arts Facility.** The Digital Arts Facility was approved in September 2005. Construction is primarily complete and project close-out is expected in summer 2010.

**Ranch View Terrace Faculty and Staff Housing (RVT).** The RVT project was approved in June 2004. Phase 1, which consists of forty-five single-family houses, has been completed. Construction of Phase 2 has not yet been scheduled.

Table 3, *Project Implementation of LRDP EIR Mitigation Measures* [[http://lrpd.ucsc.edu/MonitoringReports/MMP\\_Table3\\_2008-09.pdf](http://lrpd.ucsc.edu/MonitoringReports/MMP_Table3_2008-09.pdf)], lists the LRDP EIR mitigations incorporated into each of the projects approved under the 2005 LRDP EIR.

Table 4, *Project-Specific Mitigation Summary* [[http://lrpd.ucsc.edu/MonitoringReports/MMP\\_Table4\\_2008-09.pdf](http://lrpd.ucsc.edu/MonitoringReports/MMP_Table4_2008-09.pdf)], lists and briefly describes the project-specific mitigation measures identified in project-level CEQA documents. These tables also report the status of each mitigation measure as of the date of this report.