



JOHN A. MEYER  
Vice Chancellor

OFFICE OF RESOURCE MANAGEMENT AND PLANNING  
ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8678

April 8, 2005

State of California  
Office of Planning and Research  
1400 Tenth Street  
Sacramento, CA 95814

**NOTICE OF INTENT  
TO ADOPT A NEGATIVE DECLARATION**

**Project Title:** UC Davis Advanced Materials Research Laboratory

**Project Location:** University of California, Davis; central campus south of La Rue Road and north of Putah Creek Lodge Drive

**County:** Yolo County

In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code Section 2100 et seq.), the CEQA Guidelines (Title 14 Code of Regulations Section 1500 et seq.), and the University of California Procedures for the Implementation of CEQA, a Draft Tiered Initial Study for the above-named project was prepared (please see enclosure). The document identifies and evaluates the potential environmental impacts of the proposed project. The campus proposes to prepare a Negative Declaration for the project.

**Project Description**

UC Davis proposes to construct and operate the Advanced Materials Research Laboratory (AMRL) to provide approximately 4,625 assignable square feet (asf) (approximately 7,000 gross square feet (gsf)) of laboratory research space for the high velocity oxygen fuel (HVOF) thermal spray process facility, temporarily provide space for the Institute of Transportation Studies (ITS) Hydrogen Fuel Cell program, and provide reserve laboratory space for future expansion of the HVOF and other hydrogen using activities within the College of Engineering. The project would occupy approximately one acre and the proposed building would be a one-story structure with laboratory space, office space, support space, fabrication/machine shop, a service yard, and a public entrance and driveway. The HVOF program investigates methods of creating high strength metal coatings by utilizing a thermal spray process.

The AMRL would be located within the central campus at UC Davis immediately west of the site of the old campus waste water treatment plant, north of the University Arboretum and east of the Unitrans bus facility in an area currently used for material storage by

campus operations and maintenance. Existing facilities at the site include Temporary Building 18 (TB 18) used for office space for campus service employees, shipping containers that provide storage for campus operations and maintenance, and a compacted gravel area used for access to the site and for vehicle parking. Site demolition and relocation of the existing uses would take place prior to construction of the AMRL. The existing uses and facilities (including TB 18) would be relocated to a vacant area approximately 150 feet north and east of the AMRL site. Construction of the AMRL is expected to take approximately 9 months and would conclude in 2006 or early 2007.

### **Environmental Review and Comment**

Based on the analysis presented in the Draft Tiered Initial Study, the campus proposes to adopt a Negative Declaration for the proposed project. Copies of the Draft Tiered Initial Study and proposed Negative Declaration are available during normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at <http://www.ormp.ucdavis.edu/environreview/>.

We appreciate your prompt acknowledgement and review of this Draft Tiered Initial Study and proposed Negative Declaration. Due to the time limits mandated by state law, the document's 30-day review period will extend from April 8, 2005 through May 9, 2005. Comments must be received before 5:00 p.m. on April 8, 2005. They may be e-mailed to [environreview@ucdavis.edu](mailto:environreview@ucdavis.edu) or sent to:

John A. Meyer  
Vice Chancellor- Resource Management and Planning  
376 Mrak Hall  
University of California  
One Shields Avenue  
Davis, CA 95616

If you have any questions about the project, please contact Sid England, Director of Environmental Planning, at (530) 752-2432 or Rick Keller, Assistant Vice Chancellor – Capital Resource Management, at (530) 752-2433.

Sincerely,



John A. Meyer  
Vice Chancellor – Resource Management and Planning

Enclosures: 15 copies of the Draft Tiered Initial Study and Proposed Negative Declaration  
1 Notice of Completion and Environmental Document Transmittal Form

c: Notice of Intent, Notice of Completion and Environmental Document Transmittal Form, and Draft Tiered Initial Study sent to addresses on attached list

Form A

Notice of Completion & Environmental Document Transmittal

SCH # \_\_\_\_\_

Mail to: State Clearinghouse, PO Box 3044, Sacramento, CA 95812-3044 916/445-0613

Project Title: Advanced Materials Research Laboratory

Lead Agency: University of California Contact Person: Sid England
Street Address: Office of Resource Management and Planning, UC Davis Phone: (530) 752-2432
City: Davis Zip: 95616 County: Yolo

Project Location:

County: Yolo City/Nearest Community: Davis
Cross Streets: Putah Creek Lodge Drive, north side. Zip Code: 95616 Total Acres: 1.0
Assessor's Parcel No. NA Section: 16 Twp. 8N Range: 2E Base: Mt. Diablo
Within 2 Miles: State Hwy #: SR 113 and I-80 Waterways: Putah Creek
Airports: University Airport Railways: Union Pacific Schools: Davis Joint Unified

Document Type:

CEQA: [ ] NOP [ ] Supplement/Subsequent EIR NEPA: [ ] NOI Other: [ ] Joint Document
[ ] Early Cons (Prior SCH No.) [ ] EA [ ] Final Document
[X] Neg Dec [ ] Other [ ] Draft EIS [ ] Other
[ ] Draft EIR [ ] FONSI

Local Action Type:

[ ] General Plan Update [ ] Specific Plan [ ] Rezone [ ] Annexation
[ ] General Plan Amendment [ ] Master Plan [ ] Prezone [ ] Redevelopment
[ ] General Plan Element [ ] Planned Unit Development [ ] Use Permit [ ] Coastal Permit
[ ] Community Plan [ ] Site Plan [ ] Land Division (Subdivision, etc.) [X] Other Project Approval

Development Type:

[ ] Residential: Units Acres
[ ] Office: Sq.ft. Acres Employees
[ ] Commercial: Sq.ft. Acres Employees
[ ] Industrial: Sq.ft. Acres Employees
[X] Educational 7,000 sf. 1 Acre, 20 employees
[ ] Recreational
[ ] Water Facilities: Type MGD
[ ] Transportation: Type
[ ] Mining: Mineral
[ ] Power: Type Watts
[ ] Waste Treatment: Type
[ ] Hazardous Waste: Type
[ ] Other:

Funding (approx.): Federal \$ -- State \$ -- Total \$ 3,500,000

Project Issues Discussed in Document:

[X] Aesthetic/Visual [X] Flood Plain/Flooding [X] Schools/Universities [X] Water Quality
[X] Agricultural Land [X] Forest Land/Fire Hazard [X] Septic Systems [X] Water Supply/Groundwater
[X] Air Quality [X] Geologic/Seismic [X] Sewer Capacity [X] Wetland/Riparian
[X] Archeological/Historical [X] Minerals [X] Soil Erosion/Compaction/Grading [X] Wildlife
[ ] Coastal Zone [X] Noise [X] Solid Waste [X] Growth Inducing
[X] Drainage/Absorption [X] Population/Housing Balance [X] Toxic/Hazardous [X] Landuse
[ ] Economic/Jobs [X] Public Services/Facilities [X] Traffic/Circulation [X] Cumulative Effects
[ ] Fiscal [X] Recreation/Parks [X] Vegetation [ ] Other

Present Land Use/Zoning/General Plan Designation:

Academic and Administrative

Project Description:

See attached public notice.

**Reviewing Agencies Checklist**

Form A, continued

**KEY**  
**S** = Document sent by lead agency  
**X** = Document sent by SCH  
 ✓ = Suggested distribution

- Resources Agency**
- Boating & Waterways
- Coastal Commission
- Coastal Conservancy
- Colorado River Board
- SX** Conservation
- SX** Fish & Game
- Forestry & Fire Protection
- SX** Office of Historic Preservation
- Parks & Recreation
- Reclamation Board
- S.F. Bay Conservation & Development Commission
- SX** Water Resources (DWR)

**Business, Transportation & Housing**

- Aeronautics
- California Highway Patrol
- SX** CALTRANS District # 3
- Department of Transportation Planning (headquarters)
- SX** Housing & Community Development

**Food & Agriculture**

**Health & Welfare**

- Health Services \_\_\_\_\_

**State & Consumer Services**

- General Services
- OLA (Schools)

**Environmental Protection Agency**

- SX** Air Resources Board
- SX** California Waste Management Board
- SWRCB: Clean Water Grants
- SWRCB: Delta Unit
- SWRCB: Water Quality
- SWRCB: Water Rights
- SX** Regional WQCB # 5 ( \_\_\_\_\_ )

**Youth & Adult Corrections**

- Corrections

**Independent Commissions & Offices**

- Energy Commission
- SX** Native American Heritage Commission
- Public Utilities Commission
- Santa Monica Mountains Conservancy
- State Lands Commission
- Tahoe Regional Planning Agency

- SX** Other Yolo-Solano AQMD

**Public Review Period** (to be filled in by lead agency)

Starting Date April 8, 2005

Ending Date May 9, 2005

Signature 

Date 4/7/05

**Lead Agency** (Complete if applicable):

Consulting Firm: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Contact: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

**Applicant:** \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

**For SCH Use Only:**

Date Received at SCH \_\_\_\_\_

Date Review Starts \_\_\_\_\_

Date to Agencies \_\_\_\_\_

Date to SCH \_\_\_\_\_

**Clearance Date** \_\_\_\_\_

Notes:

## **PUBLIC NOTICE OF INTENT TO ADOPT A NEGATIVE DECLARATION UC DAVIS ADVANCED MATERIALS RESEARCH LABORATORY**

### **Proposed Project**

UC Davis proposes to construct and operate the Advanced Materials Research Laboratory (AMRL) to provide approximately 4,625 assignable square feet (asf) (approximately 7,000 gross square feet (gsf)) of laboratory research space for the high velocity oxygen fuel (HVOF) thermal spray process facility, temporarily provide space for the Institute of Transportation Studies (ITS) Hydrogen Fuel Cell program, and provide reserve laboratory space for future expansion of the HVOF and other hydrogen using activities within the College of Engineering. The project would occupy approximately one acre and the proposed building would be a one-story structure with laboratory space, office space, support space, fabrication/machine shop, a service yard, and a public entrance and driveway. The HVOF program investigates methods of creating high strength metal coatings by utilizing a thermal spray process.

The AMRL would be located within the central campus at UC Davis immediately west of the site of the old campus waste water treatment plant, north of the University Arboretum and east of the Unitrans bus facility in an area currently used for material storage by campus operations and maintenance. Existing facilities at the site include Temporary Building 18 (TB 18) used for office space for campus service employees, shipping containers that provide storage for campus operations and maintenance, and a compacted gravel area used for access to the site and for vehicle parking. Site demolition and relocation of the existing uses would take place prior to construction of the AMRL. The existing uses and facilities (including TB 18) would be relocated to a vacant area approximately 150 feet north and east of the AMRL site. Construction of the AMRL is expected to take approximately 9 months and would conclude in 2006 or early 2007.

### **Project Objectives**

The proposed project would provide needed space to house the AMRL research operation and would provide additional office and laboratory space for future expansion of engineering research. Objectives of the project include the following:

- Provide efficient laboratory and support space for the AMRL testing program within the central campus.
- Make use of existing roadways as much as possible.
- Locate new structures clear of major underground utilities.
- Preserve existing trees on site.
- Enhance nearby site amenities.

### **Environmental Review**

The Draft Tiered Initial Study and Proposed Negative Declaration for the AMRL were prepared in compliance with the California Environmental Quality Act (CEQA) and state and University of California guidelines for implementing CEQA. The environmental analysis is tiered from the 2003 Long Range Development Plan (2003 LRDP) Environmental Impact Report (EIR) (State Clearinghouse No. 2002102092). The 2003 LRDP and EIR are available for review during

normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at <http://www.ormp.ucdavis.edu/environreview/>.

The 2003 LRDP EIR is a Program EIR, prepared pursuant to Section 15168 of the CEQA Guidelines (Title 14, California Code of Regulations, Sections 15000 et seq.) and Section 21080.09 of the Public Resources Code. The 2003 LRDP EIR analyzed full implementation of uses and physical development proposed under the 2003 LRDP through the year 2015-16 to accommodate a projected total enrollment level of 31,500 students and identified measures to mitigate the significant adverse project and cumulative impacts associated with that growth. The proposed project is within the scope of the campus development that was anticipated in the 2003 LRDP and evaluated in the 2003 LRDP EIR.

The Draft Tiered Initial Study for the Advanced Materials Research Laboratory project is tiered from the 2003 LRDP EIR in accordance with Sections 15152 and 15168(d) of the CEQA Guidelines and Public Resource Code Section 21094. Based on the analysis presented in the Draft Tiered Initial Study, no project-specific mitigation measures are identified and no project-specific mitigation measures are proposed.

### **Public Review and Comment**

Based on the analysis in the Draft Tiered Initial Study, the campus has determined that a Negative Declaration will be prepared for this project. The public and agency review period for the Draft Tiered Initial Study will be from April 8, 2005 to May 9, 2005. Copies of the Draft Tiered Initial Study are available during normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at <http://www.ormp.ucdavis.edu/environreview/>.

Comments on this Draft Tiered Initial Study must be received by 5:00 p.m. on May 9, 2005. They may be e-mailed to [environreview@ucdavis.edu](mailto:environreview@ucdavis.edu) or mailed to:

John A. Meyer  
Vice Chancellor - Resource Management and Planning  
University of California  
One Shields Avenue  
376 Mrak Hall  
Davis, CA 95616

The proposed Negative Declaration, along with any comments received by the above-listed deadline, will be considered by the University in conjunction with consideration of the project for approval. The Negative Declaration will become Final if adopted by the University.

Michael J. Bocchicchio  
Asst. Vice President – Facilities Administration  
University of California, Office of the President  
1111 Franklin Street 6<sup>th</sup> Floor #6201  
Oakland, CA 94607-5200

James E. Holst  
Office of the General Counsel of The Regents  
University of California  
300 Lakeside Drive, 7<sup>th</sup> Floor  
Oakland, CA 94612-3550

Phil Zeniner  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 100  
Sacramento, CA 95801

State of California  
Native American Heritage Commission  
915 Capitol Mall, Room 364  
Sacramento, CA 95814

Department of Toxic Substances Control  
1001 I Street  
Sacramento, CA 95814-2828

Solano County Department  
of Environmental Management  
601 Texas Street  
Fairfield, CA 94533

Rosanne Taylor  
Department of Conservation  
801 K Street, MS-24-02  
Sacramento, CA 95814

Jeffery Pulverman  
Caltrans, District 3  
703 B Street  
Marysville, CA 95901

State of California  
Office of Planning and Research  
1400 Tenth Street  
Sacramento, CA 95814 (15 copies)

County Clerk  
County of Yolo  
625 Court Street  
Woodland, CA 95695 (notice only)

Hans Kreutzberg  
Office of Historic Preservation  
P.O. Box 942896  
Sacramento, CA 94296-0001

Craig Stowers  
Department of Fish & Game  
7400 Hendon Way  
Elk Grove, CA 95758

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County of Solano  
600 Texas Street  
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Bill Emlen  
City of Davis  
Community Development Director  
23 Russell Boulevard  
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292 West Beamer Street  
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Christopher Manske  
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601 Texas Street  
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Thomas To  
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Environmental Services  
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1701 Nimbus Road, Suite A  
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Wayne White  
U.S. Fish and Wildlife Service  
Ecological Services  
2800 Cottage Way #W-2605  
Sacramento, CA 95825-1888

Director  
Yolo-Solano Air Quality Management District  
1947 Galileo Court, Suite 103  
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Richard McHenry  
Central Valley Regional Water Quality  
Control Board  
11020 Sun Center Drive #200  
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California Integrated Waste Management Board  
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Jim Hockenberry  
State Water Resources Control Board  
Division of Clean Water Programs  
P.O. Box 944212  
Sacramento, CA 94244-2120

The Honorable Lois Wolk  
California State Assembly  
State Capital  
Sacramento, CA 95814