

APPENDIX A

CULTURAL RESOURCES REVIEW

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Pacific Northwest National Laboratory

Operated by Battelle for the
U.S. Department of Energy

July 19, 2001

*Historic Properties Identified
No Historic Properties Adversely Affected with stipulations
SHPO Concurrence Required*

Mr. Bret Akers
Fluor Hanford/HAMMER
P.O. Box 1000- MS G5-54
Richland, WA 99352

Mr. Greg McLellan
CHG/MS S7-90

CULTURAL RESOURCES REVIEW OF HAMMER 190 ACRE EXPANSION (HCRC# 2001-600-030)

Dear Mr. Akers and Mr. McLellan,

Project Description

In response to your request received on July 3, 2001, staff of the Hanford Cultural Resources Laboratory (HCRL) conducted a cultural resources review of the subject project located east, west and north of the existing HAMMER facility, on the Hanford Site, Richland, Washington. (See attached map). The HAMMER Training Center has been granted additional acreage for expansion. The expansion includes approximately 190 acres immediately to the east, west, and north of the existing 120 acre HAMMER Site. Several construction activities are being proposed for the new expansion area including an Emergency Vehicle Operations Course (EVOC), expansion of the National Utility Training Site (NUTS), the Cold Test Mock-up Facility (CTTMF) and a railway-training center. The Cultural Resource Review Request for the CTTMF was initially being reviewed under separate cover HCRC# 2001-600-028. To avoid duplication, the CTTMF review is being addressed within this HAMMER 190 Acre Expansion Cultural Resources Review.

Notifications and Public Involvement

On July 5, 2001:

- Per 36 CFR 800, the State Historic Preservation Officer (SHPO) and Tribes were notified of this cultural resources review request and the Area of Project Effect (APE). The APE is defined as the project location boundaries that are delineated by the shaded area in the attached map.
- Per 34 Stat. 225, 16 U.S.C. 431, the United States Fish and Wildlife Service (USFWS) were notified of this request for cultural resource review.

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Results of the Identification of Historic Properties Survey (Literature and Records Review)

A records and literature search conducted by staff at HCRL revealed that the project expansion area is located in undisturbed ground. All of the project area east of Ila Lane, which runs north, south just west of the existing HAMMER facility, has been previously surveyed for cultural resources in 1992-1993 for the initial HAMMER facility proposal (HCRC # 93-600-040). On July 19, 2001, HCRL staff conducted a pedestrian archaeological survey of the unsurveyed portions located west of Ila Lane. No cultural resources were observed. The HCRC # 93-600-040 survey located four sites, three of which are located within the project boundaries. HT-93-086 (a late 1950s-1960s historic dump) and HT-92-008 (an historic trash scatter) were determined to be insignificant and not eligible to the National Register of Historic Place. H3-21 the Yakima Irrigation Ditch that runs north/south along side the eastern boundary of the project was considered to be eligible to the National Register of Historic Places. Although a Determination of Eligibility has not been completed, the SHPO recommended that a 100-meter buffer zone be designated along side the irrigation ditch and concurred with the findings of insignificance for HT-93-086 and HT-92-008. Although most of the Yakima Irrigation ditch lies approximately 100-200 meters east of the eastern most project boundary, portions of the Northeast boundary intersect the Yakima Irrigation Ditch. (See attached map).

Findings and Actions Required

It is the finding of HCRL that no historic properties will be adversely affected by this undertaking, provided the project maintain a 100 meter buffer between project ground disturbing activities and the Yakima Irrigation ditch. Since the project area is located in undisturbed ground, a slight potential exists for historic properties to be located below ground in the vicinity of the Yakima Irrigation Ditch. For these reasons it is further recommended that intermittent monitoring occur by an archaeologist to ensure that potential historic properties are not impacted by project activities. The Site Preservation Officer (SPO), Dee Lloyd, will submit official documentation to the SHPO of our findings. The SHPO will respond within 30 days of receipt of this letter. No project activities can begin until the consultation with the SHPO has been completed.

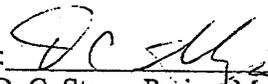
The workers must be directed to watch for cultural materials (e.g., bones, artifacts) during all work activities. If any are encountered, work in the vicinity of the discovery must stop until an HCRL archaeologist has been notified to assess the significance of the find, and, if necessary, arrange for mitigation of the impacts to the find. The HCRL must be notified if any changes to project location or scope are anticipated. This is a Class IV Case, Involving Undisturbed Ground.

If you have any questions, please call me at 376-4626. Please use the HCRC# above for any future correspondence concerning this project.

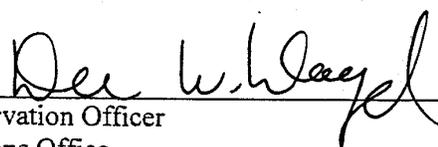
Very truly yours,



Ellen Prendergast
Scientist
Cultural Resources Project

Concurrence: 

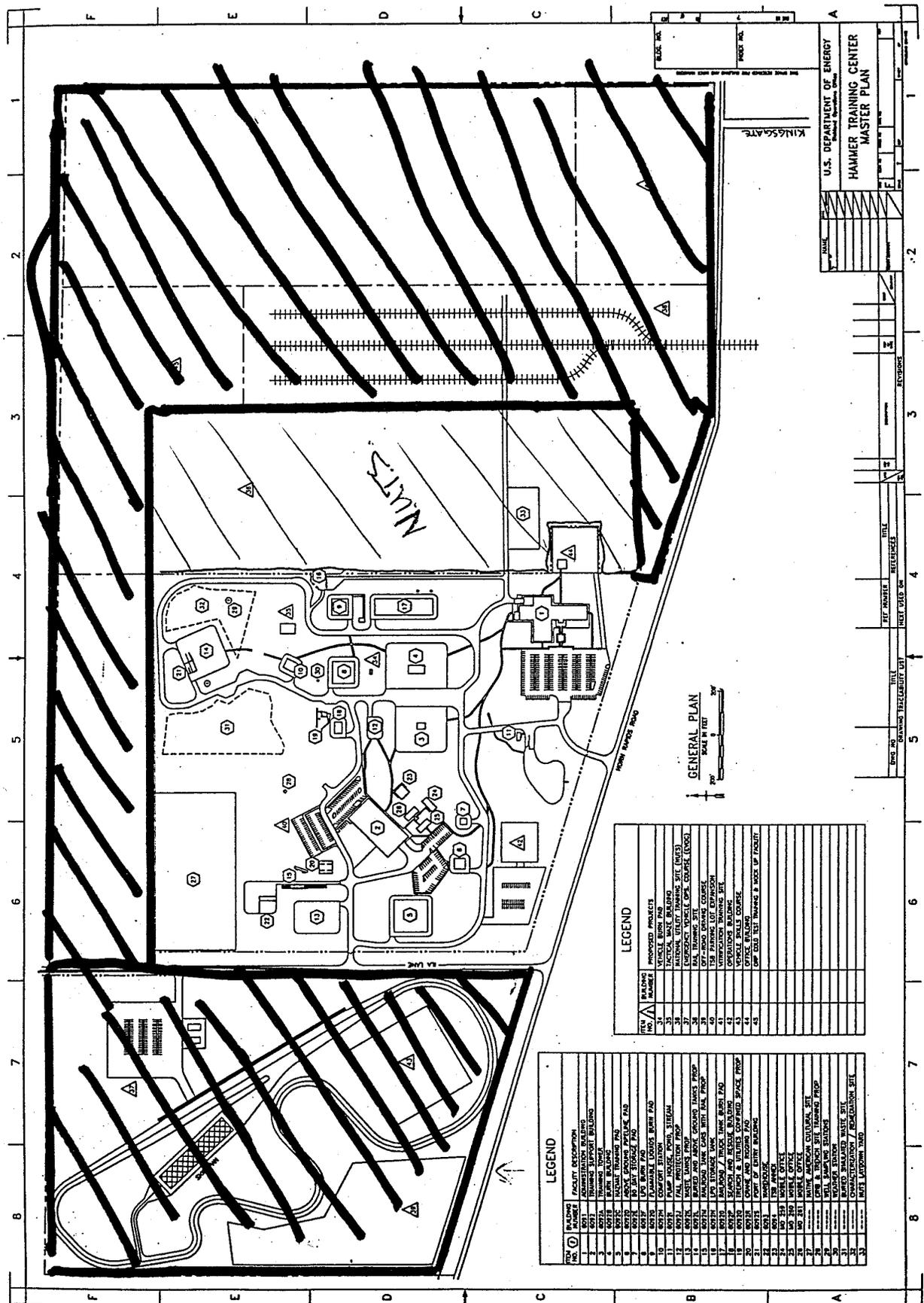
D. C. Stapp, Project Manager
Cultural Resources Project

Review and Concurrence: 

D. W. Lloyd, Site Preservation Officer
DOE, Richland Operations Office

- cc: R W. Small, K8-50
- E. J. Cruz, H6-60
- D. W. Lloyd, (via Cheryl Runyon) A5-58 (2)
- G. D. Cummins, A1-14
- Environmental Portal, A3-01
- Kim M. Welsch G1-30
- File/LB

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|--|---|--|---|
| RL-665 (10/00) | REQUEST FOR CULTURAL AND/OR ECOLOGICAL RESOURCES REVIEW FOR THE HANFORD SITE | | Review Tracking Number 2001-600-030 |
| ERC Projects (BHI, CH2M Hill) | | All Other Hanford Projects (PHMC, PNNL, Other) | |
| Direct Form and Cultural Resource Questions To: Tom Marceau Phone 372-9289 Fax 372-9654 MSIN H0-23 | | Direct All Forms and Cultural Resource Questions To: Ellen Prendergast Phone 376-4626 Fax 373-2958 MSIN K6-75 | |
| Direct Form and Ecological Resource Questions To: Ken Gano Phone 372-9316 Fax 372-9654 MSIN H0-23 | | Direct Ecological Resource Questions To: Mike Sackschewsky Phone 376-2554 Fax 372-3515 MSIN K6-85 | |
| Date Sent: 06/27/2001 | | Date Findings Requested By: 07/31/2001 | |
| Primary Contact: Bret Akers | | Company/Organization: FH/HAMMER | |
| E.mail: bret_m_akers@rl.gov | | | |
| Telephone: 376-3712 | | Fax: 373-9354 MSIN: G5-54 | |
| Secondary Contact: Kim Knight | | Company/Organization: FH/HAMMER | |
| Telephone: 373-6792 | | Fax: 373-9354 MSIN: G5-54 | |
| Project Name: HAMMER Training Center Expansion | | | |
| Project Number/COA: 106364/CA40 | | | |
| RL Project Manager: R. W. Small | | | |
| REQUESTOR SHOULD SUBMIT A COPY OF THIS REQUEST TO THE RL PROJECT MANAGER UNDER WHOM THEIR PROJECT FALLS WITHIN 5 DAYS. | | | |
| Project Description, including Time Period over which proposed action will occur: The HAMMER Training Center has been granted additional acreage for expansion. The expansion includes approximately 190 acres immediately to the east, west, and north of the existing 120 acre HAMMER Site. Several construction activities are being proposed for the new expansion area including and Emergency Vehicle Operations Course (EVOC), expansion of the National Utility Training Site (NUTS), the Cold Test Tank Mock-up Facility (CTTF), and a railway training area. An Environmental Assessment has been initiated for the entire 190 acre expansion area. | | | |
| Project Dimensions: See attached map. The area has been flagged on the ground. | | | |
| Depth of Excavation(s): approximately ten feet | | | |
| Project Location: <input type="checkbox"/> 100 Area <input type="checkbox"/> 200 East Area <input type="checkbox"/> 200 West Area <input type="checkbox"/> 300 Area <input type="checkbox"/> 400 Area <input checked="" type="checkbox"/> 600 Area <input type="checkbox"/> 700 Area <input type="checkbox"/> Other: | | | |
| Township <u>10</u> N, Range <u>28</u> E | | UTM: Easting: _____ Northing: _____ | |
| Please also provide the following: 1. Overview map showing project location (or other suitable map to assist in finding the project site) 2. Map or scale drawing showing all excavation areas (including water, sewer, and power lines, etc.), parking, topsoil storage areas, equipment staging areas, access roads, and utility corridors. | | | |
| Submitted By: Bret Akers | | Telephone: 376-3712 | |





STATE OF WASHINGTON
OFFICE OF COMMUNITY DEVELOPMENT
Office of Archaeology and Historic Preservation

1063 S. Capitol Way, Suite 106 • PO Box 48343 • Olympia, Washington 98504-8343 • (360) 586-3065 Fax Number
(360) 586-3067 • <http://www.oahp.wa.gov>

April 12, 2001

Mr. Joel Hebdon
Regulatory Compliance & Analysis Division
Richland Operations Office
Department of Energy
PO Box 550
Richland, WA 99352

Re: HAMMER 190 Acre Expansion
Log No.: 081401-10-DOE
Code: HCRC # 2001-600-030

Dear Mr. Hebdon;

Thank you for providing a copy of the cultural resources survey assessment by the Pacific Northwest National Laboratory HCRL for the proposed 190 expansion at HAMMER. We concur with their professional recommendations and your finding that no cultural resources are in the identified impact area. We concur with your requirement that monitoring be required and we look forward to receiving that report.

These comments are based on the information available at the time of this review and on the behalf of the State Historic Preservation Officer. Should additional information become available, our assessment may be revised. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity should be discontinued, the area secured, and this office notified.

Thank you for the opportunity to comment and a copy of these comments should be included in subsequent environmental documents.

Sincerely,

A handwritten signature in black ink, appearing to read "Rob", with a horizontal line extending to the right.

Robert G. Whitlam, Ph.D.
State Archaeologist
(360) 586-3080
email: robw@cted.wa.gov

RECEIVED
AUG 17 2001
DOE-RL/RLCC