



IN REPLY REFER TO:
L7615(YOSE-PM)

United States Department of the Interior

NATIONAL PARK SERVICE

Yosemite National Park
P. O. Box 577
Yosemite, California 95389

Memorandum

To: Randy Fong, Project Manager, Yosemite National Park

From: Acting Superintendent, Yosemite National Park

Subject: NEPA and NHPA Clearance: 2009-102 Ahwahnee Forensic Data Testing (27719)

The Management Team has reviewed the proposed project/action and completed its environmental assessment documentation, and we have determined that there:

- Will not be any effect on threatened, endangered, or rare species and/or their critical habitat.
- Will not be any effect on historical, cultural, or archeological resources; and
- Will not be serious or long-term undesirable environmental or visual effects.

The subject proposed project, therefore, is now cleared for all NEPA and NHPA compliance requirements as presented above. Project plans and specifications are approved and construction and/or project implementation can commence.

For the proposed project actions to be within compliance requirements during construction and/or project implementation, the following mitigations must be adhered to:

- All testing and patching will be coordinated with the park Historical Architect to ensure minimal impact to historic fabric.
- Ensure that all equipment and materials brought into the park are free of non-native, invasive plants and animals, and noxious weeds. All staff working on site shall be informed of and follow best management practices for preventing the introduction and spread of non-native, invasive species as described in Division 1 Specifications, Section 1335.

//Nikki Stephanie Nicholas// (acting)
David V. Uberuaga

Enclosure (with attachments)

cc: Statutory Compliance File

*The signed original of this document is on file at
the Environmental Planning and Compliance
Office in Yosemite National Park.*



Categorical Exclusion Form

Project: **2009-102 Ahwahnee Forensic Data Testing**

PEPC ID: **27719**

Project Description: Forensic testing of structural building components of the Ahwahnee is required to support the structural design alternatives for the Ahwahnee Comprehensive Rehabilitation Plan. A clear understanding of the material strength and assembly quality of elements that resist lateral loads, including the stone masonry will enhance the displacement-based analysis.

Summary of Work:

Concrete Wall Core Testing:

- Approximately five locations.
- Scan wall to identify any steel reinforcing in wall.
- Remove 3" - 4" diameter core from concrete wall with coring drill.
- Document as-built construction condition and provide sketch at each location.
- Test core for compressive strength, material composition and identify condition.
- Core and finishes disturbed will be patched and repaired with matching material in color, composition, and performance.

Concrete Floor Core Testing:

- Approximately three locations.
- Scan flooring to identify any steel reinforcing in floor slab.
- Remove appropriately sized diameter core into concrete floor, which will be caught from the floor below.
- Document as-built construction condition and provide sketch at each location.
- Test core for compressive strength, material composition and identify condition.
- Core and finishes disturbed will be patched and repaired with matching material in color, composition, performance.

Stone Masonry Mortar Testing:

- Approximately 20 Locations.
- Scan stone masonry and mortar to detect any wire ties.
- Remove 1" diameter core from stone mortar with a coring drill.
- Document as-built construction condition and provide a sketch at each location.
- Test core for mortar strength, compositional make-up and identify condition.
- Core and finishes disturbed will be patched and repaired with matching material in color, composition, and performance.

Gypsum Block Wall Testing:

- Quantity and locations to be determined with Delaware North Company Operations.
- Remove a 4" diameter core from gypsum block wall between guestrooms.

- Provide sketch of as-built construction condition at each location. Include wire size, spacing and pattern.
- Core and finishes disturbed will be patched and repaired with matching material in color, composition, and performance.

Visual Inspection with a Scissors Lift:

- Approximately two locations.
- Inspections will be coordinated and scheduled to minimize impacts to hotel operations.

Forensic testing will be closely coordinated with the park Historic Preservation Officer and Historic Architect. Testing will be coordinated with the concessioner to reduce impacts on guests and operations.

Project Locations:

Mariposa County, CA

Mitigations:

- **All testing and patching will be coordinated with the park Historical Architect to ensure minimal impact to historic fabric.**

Describe the category used to exclude action from further NEPA analysis and indicate the number of the category (see Section 3-4 of DO-12):

E.5 Nondestructive data collection, inventory (including field, aerial, and satellite surveying and mapping), study, research, and monitoring activities.

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances (e.g. all boxes in the ESF are marked "no") or conditions in Section 3-6 apply, and the action is fully described in Section 3-4 of DO-12.

Park Acting Superintendent //Nikki Stephanie Nicholas// (acting)

Date 9/23/09

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ENVIRONMENTAL SCREENING FORM (ESF)

DO-12 APPENDIX 1

Date Form Initiated: **09/16/2009**

Updated May 2007 - per 2004 DM revisions and proposed DO-12 changes

A. PROJECT INFORMATION

Park Name: **Yosemite NP**
 Project Title: **Ahwahnee Forensic Data Testing**
 PEPC Project Number: **27719**
 Project Type: **Inventory and Monitoring (IM)**
 Project Location: County, State: **Mariposa, California** District: **Yosemite Valley**
 Project Leader: **Don McLarty**

Preliminary drawings attached? **Yes**

Is project a hot topic (controversial or sensitive issues that should be brought to attention of Regional Director)? **No**

B. RESOURCE EFFECTS TO CONSIDER:

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
1. Geologic resources – soils, bedrock, streambeds, etc.	No				
2. From geohazards	No				
3. Air quality		Negligible			Core samples will create temporary dust; contractor will take precautions to minimize dust.
4. Soundscapes		Negligible			Core sampling includes temporary noise from a drilling machine.
5. Water quality or quantity	No				
6. Streamflow characteristics	No				
7. Marine or estuarine resources	No				
8. Floodplains or wetlands	No				

9. Land use, including occupancy, income, values, ownership, type of use	No				
10. Rare or unusual vegetation – old growth timber, riparian, alpine	No				
11. Species of special concern (plant or animal; state or federal listed or proposed for listing) or their habitat	No				
12. Unique ecosystems, biosphere reserves, World Heritage Sites	No				Yosemite National Park is a World Heritage site; no historic properties would be adversely affected by implementing this project.
13. Unique or important wildlife or wildlife habitat	No				
14. Unique or important fish or fish habitat	No				
15. Introduce or promote non-native species (plant or animal)		Negligible			See Comment 1, below.
16. Recreation resources, including supply, demand, visitation, activities, etc.	No				
17. Visitor experience, aesthetic resources	No				
18. Archeological resources	No				
19. Prehistoric/historic structure		Negligible			Ahwahnee Hotel National Historical Landmark.
20. Cultural landscapes		Negligible			Yosemite Valley Historic District.
21. Ethnographic resources	No				
22. Museum collections (objects, specimens, and archival and manuscript collections)	No				
23. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure	No				
24. Minority and low income populations, ethnography, size, migration patterns, etc.	No				
25. Energy resources	No				
26. Other agency or tribal land use plans or policies	No				
27. Resource, including	No				

energy, conservation potential, sustainability					
28. Urban quality, gateway communities, etc.	No				
29. Long-term management of resources or land/resource productivity	No				
30. Other important environment resources (e.g. geothermal, paleontological resources)?	No				

Comments:

1. Ensure that all equipment and materials brought into the park are free of non-native, invasive plants and animals, and noxious weeds. All staff working on site shall be informed of and follow best management practices for preventing the introduction and spread of non-native, invasive species as described in Division 1 Specifications, Section 1335.

C. MANDATORY CRITERIA

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
A. Have significant impacts on public health or safety?		N		
B. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?		N		
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?		N		
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?		N		
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?		N		
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?		N		

G. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?		N		
H. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?		N		
I. Violate a federal law, or a state, local, or tribal law or requirement imposed for the protection of the environment?		N		
J. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898)?		N		
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007)?		N		
L. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?		N		

For the purpose of interpreting these procedures within the NPS, any action that has the potential to violate the NPS Organic Act by impairing park resources or values would constitute an action that triggers the DOI exception for actions that threaten to violate a federal law for protection of the environment.

D. OTHER INFORMATION

Are personnel preparing this form familiar with the site? **No**

Did personnel conduct a site visit? **No**

Is the project in an approved plan such as a General Management Plan or an Implementation Plan with an accompanying NEPA document? **No**

Are there any interested or affected agencies or parties? **No**

Did you make a diligent effort to contact them? **No**

Are there any connected, cumulative, or similar actions as part of the proposed action? (e.g., other development projects in area or identified in GMP, adequate/available utilities to accomplish project)? **No**

E. INTERDISCIPLINARY TEAM SIGNATORIES

<u>Interdisciplinary Team</u>	<u>Field of Expertise</u>
David V. Uberuaga	Acting Superintendent
Jim Hammett	Acting Deputy Superintendent
Linda Dahl	Chief of Planning
Mark Butler	Chief of Project Management
Katariina Tuovinen	Chief of Administration Management
Dennis Mattiuzzi	Chief of Facilities Management
Niki Nicholas	Chief of Resources Management & Science
Marty Nielson	Chief of Business and Revenue Management
Tom Medema	Acting Chief of Interpretation and Education
Steve Shackelton	Chief Ranger
Randy Fong	Project Leader
Elexis Mayer	Environmental Planning and Compliance
Jeannette Simons	Program Manager
Renea Kennece	NHPA Specialist
	NEPA Specialist

F. SUPERVISORY SIGNATORY

Based on the environmental impact information contained in the statutory compliance file and in this environmental screening form, environmental documentation for this stage of the subject project is complete.

Recommended:

Compliance Specialists	Date
<u>//Renea Kennece//</u> Compliance Specialist – Renea Kennece	<u>9/16/09</u>
<u>//Elexis Mayer//</u> Compliance Program Manager – Elexis Mayer	<u>9/17/09</u>
<u>//Mark A. Butler//</u> Chief, Project Management – Mark Butler	<u>9/21/09</u>

Approved:

Acting Superintendent	Date
<u>//Nikki Stephanie Nicholas//</u> David V. Uberuaga	<u>9/23/09</u>

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PARK ESF ADDENDUM

Today's Date: **September 16, 2009**

PROJECT INFORMATION

Park Name: Yosemite NP

Project Number: 27719

Project Type: Inventory and Monitoring (IM)

Project Location: County, State: Mariposa, California District: Yosemite Valley

Project Manager: Randy Fong

Project Title: Ahwahnee Forensic Data Testing

PARK ESF ADDENDUM QUESTIONS & ANSWERS

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
1.SPECIAL STATUS SPECIES CHECKLIST				
2. Listed or proposed threatened or endangered species (Federal or State)?		X		
3. Species of special concern (Federal or State)?		X		
4. Park rare plants or vegetation?		X		
5. Potential habitat for any special-status species listed above?		X		
6.NATIONAL HISTORIC PRESERVATION ACT CHECKLIST				
7. Entail ground disturbance?		X		
8. Are any archeological or ethnographic sites located within the area of potential effect?		X		
9. Entail alteration of a historic structure or cultural landscape?	X			This project entails core drilling in the concrete floor, concrete walls, stone masonry mortar, and gypsum block walls. These core samples and finishes will patch and repaired with matching materials in color, composition, and performance.
10. Has a National Register form been completed?	X			
11. Are there any structures on the park's List of Classified Structures in the area of potential effect?	X			List of Classified Structures #55943.
12.WILD AND SCENIC RIVERS ACT CHECKLIST				
13. Fall within a wild and scenic river corridor?	X			Merced River.
14. Fall within the bed and banks AND will affect the free-flow of the river?		X		
15. Have the possibility of affecting water quality of the area?		X		

16. Remain consistent with its river segment classification?			X	
17. Protect and enhance river ORVs?			X	
18. Fall within the River Protection Overlay?		X		
19. If Yes, remain consistent with conditions of the River Protection Overlay?		X		
20. Remain consistent with the areas Management Zoning?			X	
21. Fall on a tributary of a Wild and Scenic River?		X		
22. Will the project encroach or intrude upon the Wild and Scenic River corridor?		X		
23. Will the project unreasonably diminish scenic, recreational, or fish and wildlife values?		X		
100. WILDERNESS ACT CHECKLIST				
101. Within designated Wilderness?		X		
102. Within a Potential Wilderness Addition?		X		



ASSESSMENT OF ACTIONS HAVING AN EFFECT ON CULTURAL RESOURCES

A. DESCRIPTION OF UNDERTAKING

1. Park: **Yosemite NP** Park District: **Yosemite Valley**

2. Project Description:

a. Project Name: **2009-102 Ahwahnee Forensic Data Testing** Date: **September 15, 2009** PEPC
Project ID Number: **27719**

b. Describe project and area of potential effects (as defined in 36 CFR 800.2[c])

3. Has the area of potential effects been surveyed to identify cultural resources?

No

Yes, Source or reference: **Ahwahnee Hotel National Historical Landmark; Yosemite Valley Historic District**

Check here if no known cultural resources will be affected. (If this is because area has been disturbed, please explain or attach additional information to show the disturbance was so extensive as to preclude intact cultural deposits.)

4. Potentially Affected Resources:

Historical structures/resources affected?

Name and numbers: **Ahwahnee Hotel National Historical Landmark**
NR status: **7 - A designated National Historic Landmark**

Cultural landscapes affected?

Name and numbers: **Yosemite Valley Historic District**
NR status: **1 - Listed in Register and documented**

5. The proposed action will: (check as many as apply)

No Destroy, remove, or alter features/elements from a historic structure

No Replace historic features/elements in kind

No Add non-historic features/elements to a historic structure

No Alter or remove features/elements of a historic setting or environment (inc. terrain)

No Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic setting or cultural landscape

No Disturb, destroy, or make archeological resources inaccessible

- No Disturb, destroy, or make ethnographic resources inaccessible
No Potentially affect presently unidentified cultural resources
No Begin or contribute to deterioration of historic features, terrain, setting, landscape elements, or archeological or ethnographic resources
No Involve a real property transaction (exchange, sale, or lease of land or structures)
_____ Other (please specify)

6. Measures to prevent or minimize loss or impairment of historic/prehistoric properties:
(Remember that setting, location, and use may be relevant.)

All testing and patching will be coordinated with the park Historical Architect to ensure minimal impact to historic fabric.

7. Supporting Study Data:
(Attach if feasible; if action is in a plan, EA or EIS, give name and project or page number.)

8. Attachments:
 Maps Archeological survey, if applicable Drawings Specifications Photographs
 Scope of Work Site plan List of Materials Samples Other:

Prepared by: **Renea Kennec Assistant** Date: **September 15, 2009** Title: **Environmental Protection**
Telephone: **209-379-1038**

B. REVIEWS BY CULTURAL RESOURCE SPECIALISTS

The park 106 coordinator requested review by the park's cultural resource specialist/advisors as indicated by check-off boxes or as follows:

Historical Architect
Name: **Sueann Brown**
Date: **09/08/2009**
Comments: **none**

Check if project does not involve ground disturbance
Assessment of Effect: No Historic Properties Affected No Adverse Effect Adverse Effect Streamlined Review
Recommendations for conditions or stipulations:
none

Doc Method: **Park Specific Programmatic Agreement**

Historical Landscape Architect
Name: **David Humphrey**

Date: **09/08/2009**
Comments: **None.**

Check if project does not involve ground disturbance []
Assessment of Effect: ___ No Historic Properties Affected **X** No Adverse Effect ___ Adverse Effect ___ Streamlined Review
Recommendations for conditions or stipulations:
None.

Doc Method: **Park Specific Programmatic Agreement**

[**X**] 106 Advisor
Name: **Jeannette Simons**
Date: **09/16/2009**
Comments:

Check if project does not involve ground disturbance []
Assessment of Effect: ___ No Historic Properties Affected **X** No Adverse Effect ___ Adverse Effect ___ Streamlined Review
Recommendations for conditions or stipulations:
All testing and patching will be coordinated with the park Historical Architect to ensure minimal impact to historic fabric.

No Reviews From: **Curator, Archeologist, Historian, Other Advisor, Anthropologist**

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

_____ No Historic Properties Affected **X** No Adverse Effect _____ Adverse Effect

2. Compliance requirements:

[] A. STANDARD 36 CFR PART 800 CONSULTATION
Further consultation under 36 CFR Part 800 is needed.

[] B. STREAMLINED REVIEW UNDER THE 2008 SERVICEWIDE PROGRAMMATIC AGREEMENT (PA)

The above action meets all conditions for a streamlined review under section III of the 2008 Servicewide PA for Section 106 compliance.

APPLICABLE STREAMLINED REVIEW Criteria
(Specify 1-16 of the list of streamlined review criteria.)

C. PLAN-RELATED UNDERTAKING

Consultation and review of the proposed undertaking were completed in the context of a plan review process, in accordance with the 2008 Servicewide PA and 36 CFR Part 800.

Specify plan/EA/EIS: _____

D. UNDERTAKING RELATED TO ANOTHER AGREEMENT

The proposed undertaking is covered for Section 106 purposes under another document such as a statewide agreement established in accord with 36 CFR 800.7 or counterpart regulations.

Specify: _____

E. COMPLIANCE REQUIREMENTS SATISFIED BY USE OF NEPA

Documentation is required for the preparation of an EA/FONSI or an EIS/ROD has been developed and used so as also to meet the requirements of 36 CFR 800.3 through 800.6

F. No Potential to Cause Effects [800.3(a)(1)]

G. STIPULATIONS/CONDITIONS

Following are listed any stipulations or conditions necessary to ensure that the assessment of effect above is consistent with 36 CFR Part 800 criteria of effect or to avoid or reduce potential adverse effects.

Recommended by Park Section 106 coordinator:

Signature of Historic Preservation Officer //Jeannette Simons//

Date: 9/16/09

D. SUPERINTENDENT'S APPROVAL

The proposed work conforms to the NPS *Management Policies* and *Cultural Resource Management Guideline*, and I have reviewed and approve the recommendations, stipulations, or conditions noted in Section C of this form.

Signature of Acting Superintendent //Nikki Stephanie Nicholas// (acting)

Date: 9/23/09

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