



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:** Brian Martin, Project Manager, Yosemite National Park

**From:** Superintendent, Yosemite National Park

**Subject:** NEPA and NHPA Clearance: 2010-071 Bridalveil Falls Vault Toilet Ventilation & Interior Lighting System Installation (33260)

The Executive Leadership 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.
- 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:

- No mitigations identified.

For complete compliance information see PEPC Project 33260.

\\Don L. Neubacher\\  
Don L. Neubacher

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.*



National Park Service  
U.S. Department of the Interior

Yosemite National Park  
Date: 12/29/2010

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## Categorical Exclusion Form

**Project:** 2010-071 Bridalveil Falls Vault Toilet Ventilation & Interior Lighting System Installation

**PEPC Project Number:** 33260

**Project Description:**

This project will provide for ventilation and interior lighting systems at the Bridalveil Falls parking lot vault toilet complex. This system includes installation of an exterior pole mounted thermoelectric generator and 100 gallon propane tank to be located behind, and concealed from view by, the existing vault toilet complex building. The pole mount requires a poured concrete base two foot deep by two foot square. The exact location of the pole will be determined during a site visit by the park historic architect.

A half-inch conduit for 12 volt direct current wiring will run at grade level from the pole base to the vault toilet building. The propane fuel tank 52 inches tall by 30 inches in diameter will be placed on a surface concrete pad at the pole base and strapped to the pole. All exterior system components will be painted dark brown or black. A secondary enclosure around the thermoelectric generator for additional heat protection and visual shielding will be considered if heat production becomes an issue.

Five inch diameter ventilation fans and six inch diameter motion switched LED dome lights will be installed inside each of the four stalls. Storage batteries and a charge controller will be installed inside the existing storage closets in the building.

**Project Locations:**

Mariposa County, CA

**Mitigation:**

- No mitigations identified.

**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):**

C.5 Installation of signs, displays, kiosks, etc.

**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.**

**Superintendent** \\Don L. Neubacher\\

**Date** 2/15-2011

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## ENVIRONMENTAL SCREENING FORM (ESF)

### DO-12 APPENDIX 1

Date Form Initiated: 12/16/2010

Updated May 2007 - per 2004 Departmental Manual revisions and proposed Director's Order 12 changes

### A. PROJECT INFORMATION

**Park Name:** Yosemite National Park  
**Project Title:** 2010-071 Bridalveil Falls Vault Toilet Ventilation & Interior Lighting System Installation  
**PEPC Project Number:** 33260  
**Project Type:** Facility Maintenance (FM)  
**Project Location:** Mariposa, California  
**Project Leader:** Brian Martin

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.		Negligible			Pole mount will require a concrete pad measuring two feet by two feet by two feet deep.
2. From geohazards	No				
3. Air quality	No				
4. Soundscapes		Negligible			The thermoelectric generator will produce minimal noise similar to a pilot light.

<b>Identify potential effects to the following physical, natural, or cultural resources</b>	<b>No Effect</b>	<b>Negligible Effects</b>	<b>Minor Effects</b>	<b>Exceeds Minor Effects</b>	<b>Data Needed to Determine/Notes</b>
<b>5. Water quality or quantity</b>	No				
<b>6. Streamflow characteristics</b>	No				
<b>7. Marine or estuarine resources</b>	No				
<b>8. Floodplains or wetlands</b>	No				
<b>9. Land use, including occupancy, income, values, ownership, type of use</b>	No				
<b>10. Rare or unusual vegetation – old growth timber, riparian, alpine</b>	No				
<b>11. Species of special concern (plant or animal; state or federal listed or proposed for listing) or their habitat</b>	No				
<b>12. Unique ecosystems, biosphere reserves, World Heritage Sites</b>	No				Yosemite National Park is a World Heritage Site.
<b>13. Unique or important wildlife or wildlife habitat</b>	No				
<b>14. Unique or important fish or fish habitat</b>	No				
<b>15. Introduce or promote non-native species (plant or animal)</b>	No				

<b>Identify potential effects to the following physical, natural, or cultural resources</b>	<b>No Effect</b>	<b>Negligible Effects</b>	<b>Minor Effects</b>	<b>Exceeds Minor Effects</b>	<b>Data Needed to Determine/Notes</b>
<b>16. Recreation resources, including supply, demand, visitation, activities, etc.</b>	No				
<b>17. Visitor experience, aesthetic resources</b>	No				The generator will be placed behind the building out of the general view of the public. This system will reduce the odor issue at this location.
<b>18. Archeological resources</b>	No				
<b>19. Prehistoric/historic structure</b>	No				
<b>20. Cultural landscapes</b>		Negligible			Yosemite Valley Historic District.
<b>21. Ethnographic resources</b>	No				
<b>22. Museum collections (objects, specimens, and archival and manuscript collections)</b>	No				
<b>23. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure</b>	No				
<b>24. Minority and low income populations, ethnography, size, migration patterns, etc.</b>	No				
<b>25. Energy resources</b>	No				

<b>Identify potential effects to the following physical, natural, or cultural resources</b>	<b>No Effect</b>	<b>Negligible Effects</b>	<b>Minor Effects</b>	<b>Exceeds Minor Effects</b>	<b>Data Needed to Determine/Notes</b>
<b>26. Other agency or tribal land use plans or policies</b>	No				
<b>27. Resource, including energy, conservation potential, sustainability</b>	No				
<b>28. Urban quality, gateway communities, etc.</b>	No				
<b>29. Long-term management of resources or land/resource productivity</b>	No				
<b>30. Other important environment resources (e.g. geothermal, paleontological resources)?</b>	No				

### C. MANDATORY CRITERIA

<b>Mandatory Criteria: If implemented, would the proposal:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Comment or Data Needed to Determine</b>
<b>A. Have significant impacts on public health or safety?</b>		No		
<b>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?</b>		No		
<b>C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?</b>		No		
<b>D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?</b>		No		
<b>E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?</b>		No		
<b>F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?</b>		No		
<b>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?</b>		No		
<b>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?</b>		No		



<b>Mandatory Criteria: If implemented, would the proposal:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Comment or Data Needed to Determine</b>
<b>I. Violate a federal law, or a state, local, or tribal law or requirement imposed for the protection of the environment?</b>		No		
<b>J. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898)?</b>		No		
<b>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)?</b>		No		
<b>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)?</b>		No		

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**

1. Are personnel preparing this form familiar with the site? Yes
- 2.. Did personnel conduct a site visit? No
3. Is the project in an approved plan such as a General Management Plan or an Implementation Plan with an accompanying NEPA document? No
4. Are there any interested or affected agencies or parties? No
5. Has consultation with all affected agencies or tribes been completed? N/A
6. 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>
Don L. Neubacher	Superintendent
Kathleen Morse	Chief of Planning
Randy Fong	Acting Chief of Project Management
Katariina Tuovinen	Chief of Administration Management
Ed Walls	Chief of Facilities Management
Joe Meyer	Acting Chief of Resources Management & Science
Marty Nielson	Chief of Business and Revenue Management
Tom Medema	Chief of Interpretation and Education
Charles Cuvelier	Chief of Visitor and Resource Protection
Brian Martin	Project Leader
Elaxis Mayer	Environmental Planning and Compliance Program Manager
Elaxis Mayer	Acting Historic Preservation Officer
Renea Kennec	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 Kennec//</u> Compliance Specialist – Renea Kennec	<u>2-9-2011</u>
<u>//Elaxis Mayer//</u> Compliance Program Manager – Elaxis Mayer	<u>2-10-11</u>
<u>//Randy Fong//</u> Acting Chief, Project Management – Randy Fong	<u>2-11-11</u>

#### Approved:

Superintendent	Date
<u>//Don L. Neubacher//</u> Don L. Neubacher	<u>2-15-2011</u>

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National Park Service  
U.S. Department of the Interior

Yosemite National Park  
Date: 12/29/2010

## PARK ESF ADDENDUM

Today's Date: December 29, 2010

### PROJECT INFORMATION

**Park Name:** Yosemite National Park  
**Project Title:** 2010-071 Bridalveil Falls Vault Toilet Ventilation & Interior Lighting System Installation  
**PEPC Project Number:** 33260  
**Project Type:** Facility Maintenance (FM)  
**Project Location:** Mariposa, California  
**Project Leader:** Brian Martin

### PARK ESF ADDENDUM QUESTIONS & ANSWERS

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
<b>SPECIAL STATUS SPECIES CHECKLIST</b>				
Listed or proposed threatened or endangered species (Federal or State)?		No		
Species of special concern (Federal or State)?		No		
Park rare plants or vegetation?		No		
Potential habitat for any special-status species listed above?		No		
<b>NATIONAL HISTORIC PRESERVATION ACT CHECKLIST</b>				
Entail ground disturbance?	Yes			Pole mount will require a concrete pad measuring two feet by two feet by two feet deep.
Are any archeological or ethnographic sites located within the area of potential effect?		No		
Entail alteration of a historic structure or cultural landscape?		No		

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
Has a National Register form been completed?			N/A	
Are there any structures on the park's List of Classified Structures in the area of potential effect?		No		
<b>WILD AND SCENIC RIVERS ACT CHECKLIST</b>				
Fall within a wild and scenic river corridor? (Name the river corridor)	Yes			Merced River.
Fall within the bed and banks AND will affect the free-flow of the river		No		
Have the possibility of affecting water quality of the area?		No		
Remain consistent with its river segment classification?	Yes			
Fall on a tributary of a Wild and Scenic River?		No		
Will the project encroach or intrude upon the Wild and Scenic River corridor?		No		
Will the project unreasonably diminish scenic, recreational, or fish and wildlife values?		No		
Consistent with the provisions in the Merced River Plan Settlement Agreement?	Yes			
<b>WILDERNESS ACT CHECKLIST</b>				
Within designated Wilderness?		No		
Within a Potential Wilderness Addition?		No		



Thermoelectric Generator Mounting Pole



Thermoelectric Generator

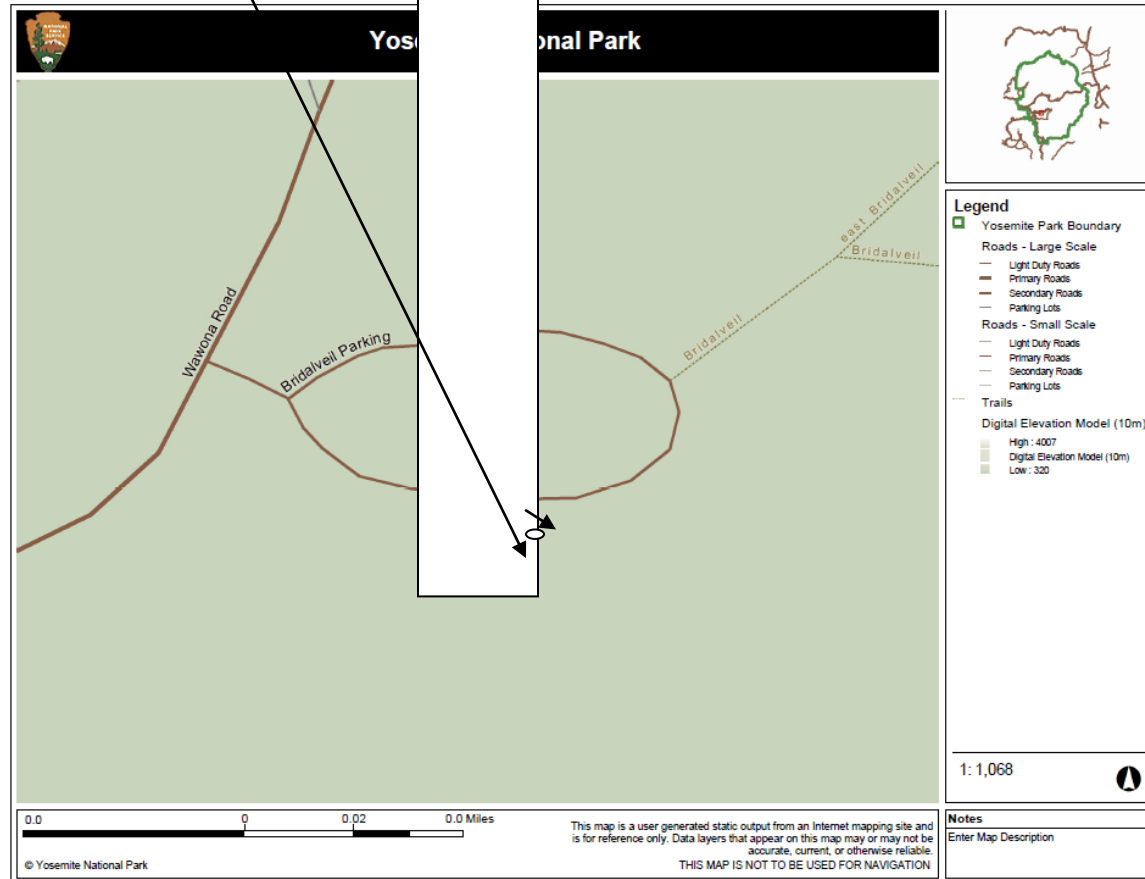




Bridalveil Falls Toilet Building

Bridalveil Falls Vault Toilet Comp

TEG & Propane Tank









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## ASSESSMENT OF ACTIONS HAVING AN EFFECT ON CULTURAL RESOURCES

### A. DESCRIPTION OF UNDERTAKING

1. **Park:** Yosemite National Park

2. **Project Description:**

**Project Name:** Bridalveil Falls Vault Toilet Ventilation & Interior Lighting System Installation

**PEPC Project Number:** 33260

**Prepared by:** Renea Kennec    **Date Prepared:** 2-9-2011    **Telephone:** 209-379-1038

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

       No

  X   Yes

**Source or reference:** Yosemite Valley Historic District; Yosemite Valley Archeological District; Yosemite Valley American Indian Traditional Cultural Property.

**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**

  X   **was so extensive as to preclude intact cultural deposits.)**

4. **Potentially Affected Resource(s):**

**Archeological resources affected?**

**Name and number(s):** Yosemite Valley Archeological District

**NR status:** 1 - Listed in Register and documented

**Cultural landscapes affected?**

**Name and number(s):** Yosemite Valley Historic District

**NR status:** 1 - Listed in Register and documented

**Ethnographic resources affected?**

**Name and number(s):** Yosemite Valley American Indian Traditional Cultural Property

**NR status:** 8 - Within a Register-eligible district

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)  
 Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic  
Yes 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. Supporting Study Data:

None

## B. REVIEWS BY CULTURAL RESOURCE SPECIALISTS

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

[ X ] Archeologist

Name: Scott Jackson

Date: 12/14/2010

*Check if project does not involve ground disturbance* [ ]

Assessment of Effect:  X  No Historic Properties Affected           No Adverse Effect

       Adverse Effect           Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: No Potential to Cause Effects [800.3(a)(1)]

[ X ] Historical Architect

Name: Gabrielle Harlan

Date: 01/21/2011

*Check if project does not involve ground disturbance* [ ]

Assessment of Effect:  X  No Historic Properties Affected           No Adverse Effect

       Adverse Effect           Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: No Potential to Cause Effects [800.3(a)(1)]

[ X ] Historical Landscape Architect

Name: David Humphrey

Date: 12/27/2010

Comments: None.

*Check if project does not involve ground disturbance* [ ]

Assessment of Effect:  X  No Historic Properties Affected           No Adverse Effect

☐ Adverse Effect    ☐ Streamlined Review

**Recommendations for conditions or stipulations:** See Project Description.

**Doc Method:** No Potential to Cause Effects [800.3(a)(1)]

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**No Reviews From:** Curator, Historian, 106 Advisor, Other Advisor, Anthropologist

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### **C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS**

#### **1. Assessment of Effect:**

☐ No Historic Properties Affected    ☒ No Adverse Effect    ☐ Adverse Effect

#### **2. Documentation Method:**

☐ **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: 1999 Programmatic Agreement

☐ **E. COMBINED NEPA/NHPA Document**

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. Memo to SHPO/THPO**

☐ **H. Memo to ACHP**

#### **3. Additional Consulting Parties Information:**

**Additional Consulting Parties:** No

#### 4. Stipulations and 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.

#### 5. Mitigations/Treatment Measures:

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

No Assessment of Effect mitigations identified.

#### 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 Historic Preservation Officer \\Elexis Mayer\\

Date: 2-10-2011

Signature of Superintendent \\Don L. Neubacher\\

Date: 2-15-2011

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