



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: Steven Bimm

From: Superintendant, Yosemite National Park

Subject: NEPA and NHPA: 2010-034 Hodgdon Meadows Maintenance Facility - Replace  
Failed Oil/Water Separator and Wash Rack (30797)

The Leadership Team has reviewed the proposed project 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 Section NHPA requirements as presented above. Project plans and specifications are approved and construction 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:

- Ensure coordination with the Archeology Office prior to excavation. Laura Kirn, 379-1314.

//Charles Cuvelier// (acting)  
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: 07/08/2010

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## Categorical Exclusion Form

**Project:** 2010-034 Hodgdon Meadows Maintenance Facility - Replace Failed Oil/Water Separator and Wash Rack

**PEPC Project Number:** 30797

### Project Description:

The proposed project will remove and replace the existing failed oil/water separator at the Hodgdon Meadows maintenance facility. The entire project is contained within the paved area adjacent to the maintenance building in previously disturbed man-made fill.

The existing separator has failed and is no longer functioning. Water occasionally backs up into the floor drains inside the shop. Existing separator is installed underneath the existing vehicle wash rack pad, which will also be removed and replaced as part of this project. The project will proceed as follows:

- Remove and replace the existing concrete pad and most of the asphalt pavement between the concrete pad and existing outlet manhole.
- Clean and rehabilitate the existing grated inlet manhole in the middle of the wash rack pad. Inspect and repair the existing connections to the building floor drains as needed.
- Remove the existing sand trap/separator and access hatch, and install a dual chamber combined separator unit.
- A piping and pump system will be added to allow oil removal from the separator and transfer to a waste tank with spill containment installed inside the shop where it will be held for disposal by our fuel services vendor.
- Install two new access vaults and hatches over the separator.
- Reinstall the concrete wash rack pad and slope to drain into the system inlet grate.
- Replace the pavement around the wash rack pad and tie into the surrounding pavement. Replace any additional damaged pavement areas surrounding the building as needed.

### Project Location:

- Tuolumne, California

### Mitigation:

- Ensure coordination with the Archeology Office prior to excavation. Laura Kim, 379-1314.

**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.3 Routine maintenance and repairs to non-historic structures, facilities, utilities, grounds and trails.

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 or conditions in Section 3-6 apply, and the action is fully described in Section 3-4 of DO-12.

Park Superintendent //Charles Cuvelier// (acting)

Date 8/2/10

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## ENVIRONMENTAL SCREENING FORM (ESF)

### DO-12 APPENDIX 1

Date Form Initiated: 06/24/2010

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:** 2010-034 Hodgdon Meadows Maintenance Facility - Replace Failed Oil/Water Separator and Wash Rack  
**PEPC Project Number:** 30797  
**Project Type:** Facility Rehabilitation (FR)  
**Project Location:** County, State: Tuolumne, California  
**Project Leader:** Steven Bimm

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.		Negligible			Removal of concrete tank will require excavation of an area 10 feet by 30 feet. This area is not native; it has been filled in with soil.
2. From geohazards	No				
3. Air quality		Negligible			There will be temporary air emissions from equipment during the tank excavation and installation.
4. Soundscapes		Negligible			Temporary noises are associated with this project.
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.
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)	No				All work will be completed by park staff and equipment.
16. Recreation resources, including supply, demand, visitation, activities, etc.	No				
17. Visitor experience, aesthetic resources	No				
18. Archeological resources		Negligible			
19. Prehistoric/historic structure	No				
20. Cultural landscapes	No				
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 energy, conservation potential, sustainability	No				
28. Urban quality, gateway communities, etc.	No				
29. Long-term management of resources or land/resource productivity	No				Tank replacement meets the park's long-term management of resources.
30. Other important environment resources (e.g. geothermal, paleontological resources)?	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>
A. Have significant impacts on public health or safety?		No		
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?		No		
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?		No		
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?		No		
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?		No		
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?		No		
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?		No		

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?		No		
I. Violate a federal law, or a state, local, or tribal law or requirement imposed for the protection of the environment?		No		
J. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898)?		No		
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)?		No		
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)?		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**

Are personnel preparing this form familiar with the site? Yes

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

Has consultation with all affected agencies or tribes been completed? 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**

<b><u>Interdisciplinary Team</u></b>	<b><u>Field of Expertise</u></b>
Don L. Neubacher	Superintendent
Kathleen Morse	Chief of Planning
Mark Butler	Chief of Project Management
Katariina Tuovinen	Chief of Administration Management
Ed Walls	Chief of Facilities Management
Niki Nicholas	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
Steven Bimm	Project Leader
Elexis Mayer	Environmental Planning and Compliance Program Manager
Jeannette Simons	NHPA Specialist
Renea Kennec	NEPA Specialist

**F. SUPERVISORY SIGNATORY**

Recommended:

Compliance Specialists	Date
 <u>//Renea Kennec//</u> Compliance Specialist – Renea Kennec	 <u>7/20/10</u>
 <u>//Elexis Mayer//</u> Compliance Program Manager – Elexis Mayer	 <u>7/26/10</u>
 <u>//Mark A. Butler//</u> Chief, Project Management – Mark Butler	 <u>7/29/10</u>

Approved:

Superintendent	Date
 <u>//Charles Cuvelier// (acting)</u> Don L. Neubacher	 <u>8/2/10</u>

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Yosemite National Park  
Date: 07/08/2010

## PARK ESF ADDENDUM

Today's Date: July 8, 2010

### PROJECT INFORMATION

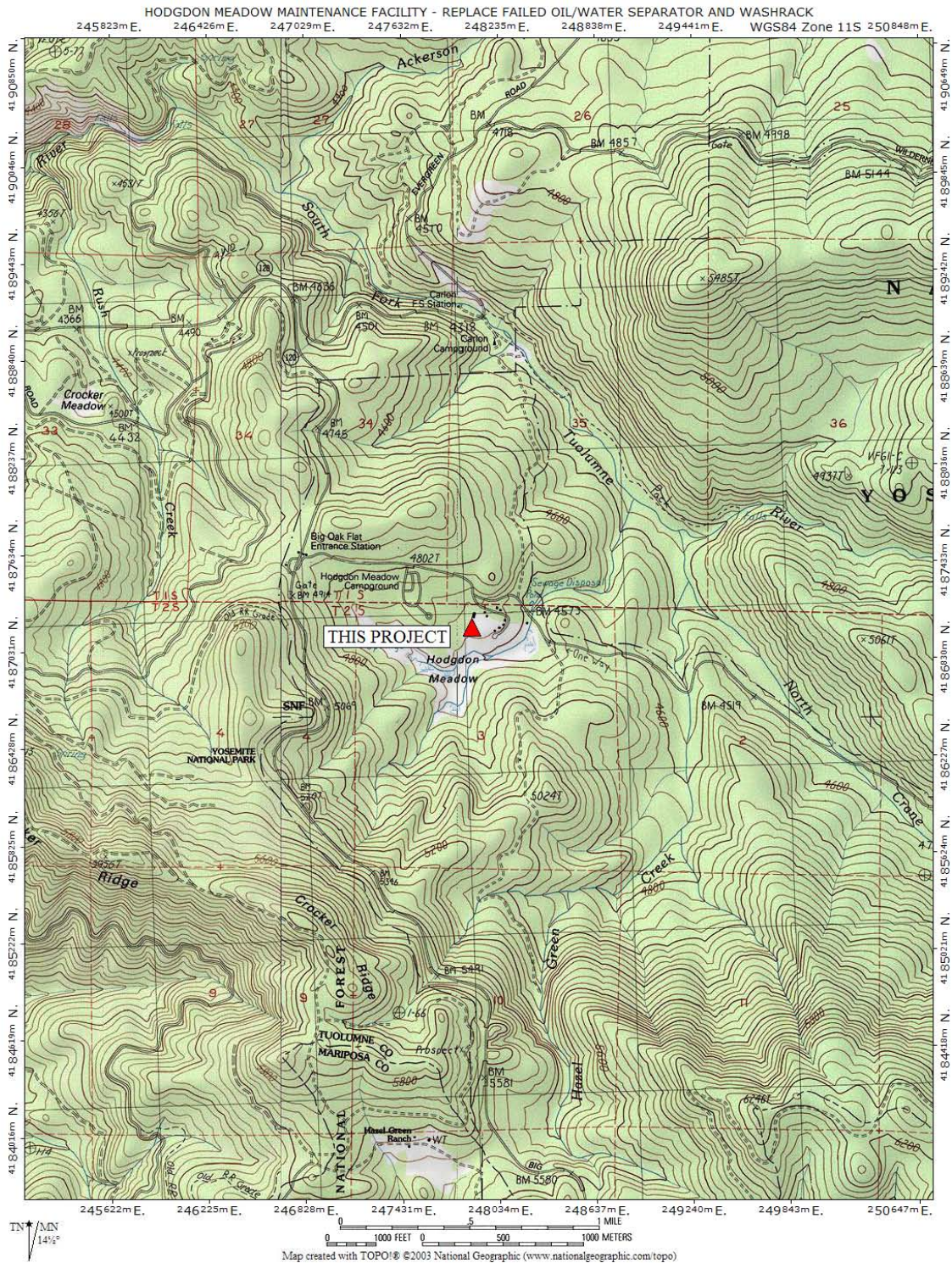
**Park Name:** Yosemite National Park  
**Project Title:** 2010-034 Hodgdon Meadows Maintenance Facility - Replace Failed Oil/Water Separator and Wash Rack  
**PEPC Project Number:** 30797  
**Project Type:** Facility Rehabilitation (FR)  
**Project Location:** County, State: Tuolumne, California  
**Project Leader:** Steven Bimm

### PARK ESF ADDENDUM QUESTIONS & ANSWERS

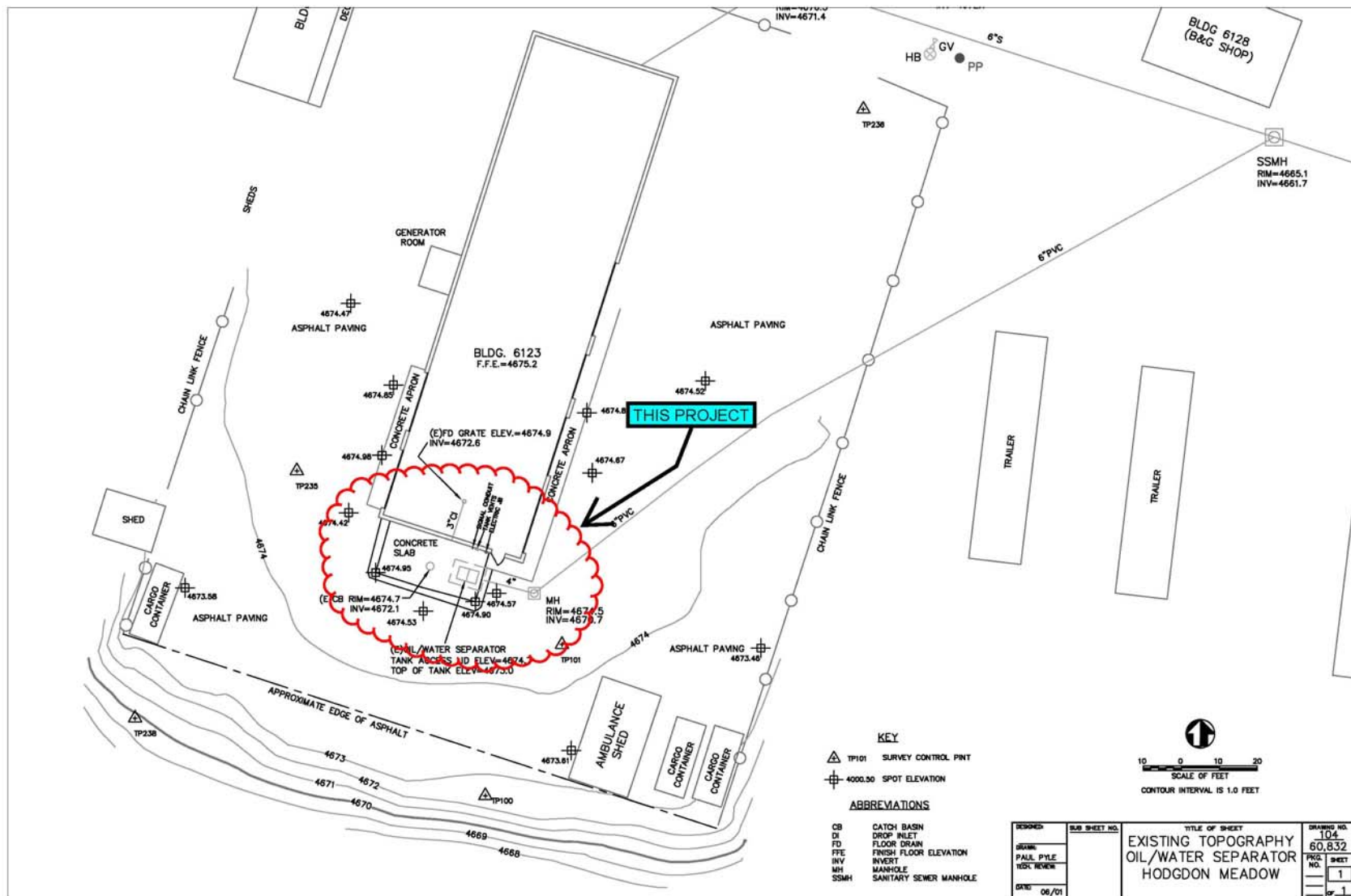
ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
<b>SPECIAL STATUS SPECIES CHECKLIST</b>				
1. Listed or proposed threatened or endangered species (Federal or State)?		No		
2. Species of special concern (Federal or State)?		No		
3. Park rare plants or vegetation?		No		
4. Potential habitat for any special-status species listed above?		No		
<b>NATIONAL HISTORIC PRESERVATION ACT CHECKLIST</b>				
5. Entail ground disturbance?	Yes			Removal of concrete tank will require excavation of an area 10 feet by 30 feet. This area is not native; it has been filled in with soil.
6. Are any archeological or ethnographic sites located within the area of potential effect?	Yes			Consultation with the park archeological office will occur prior to ground disturbance.
7. Entail alteration of a historic		No		

structure or cultural landscape?				
8. Has a National Register form been completed?		No		
9. 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>				
10. Fall within a wild and scenic river corridor? (Name the river corridor)		No		
11. Fall within the bed and banks AND will affect the free-flow of the river?		No		
12. Have the possibility of affecting water quality of the area?		No		
13. Remain consistent with its river segment classification?			N/A	
14. Fall on a tributary of a Wild and Scenic River?		No		
15. Will the project encroach or intrude upon the Wild and Scenic River corridor?		No		
16. Will the project unreasonably diminish scenic, recreational, or fish and wildlife values?		No		
17. Consistent with the provisions in the Merced River Plan Settlement Agreement?			N/A	
<b>WILDERNESS ACT CHECKLIST</b>				
18. Within designated Wilderness?		No		
19. Within a Potential Wilderness Addition?		No		









**HODGDON MEADOWS WASH RACK AND OIL SEPERATOR**  
**PHOTOGRAPHS OF EXISTING EQUIPMENT AND PROPOSED EQUIPMENT**

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Photo above is the top of existing wash rack showing standing water at the inlet. The access hatch to the existing failed oil separator can be seen just outside of the wet area. The manhole connection to the sanitary sewer system is at the top of the photo.

The photo at right is the same area after drying and surface cleaning. The sewer connection manhole is the foreground.

The proposed project will remove and replace the existing concrete pad and most of the asphalt pavement between the manhole and concrete pad. The inlet manhole in the middle of the wash rack pad will be cleaned and rehabilitated or replaced if necessary. The existing undersized and failed sand trap/separator and access hatch will be removed and a dual chamber combined separator unit will be installed (see next page). A piping and pump system will be added to allow oil removal from the separator and transfer to a waste tank with spill containment installed inside the shop where it will be held for disposal by our fuel services vendor. Two new access vaults and hatches will be installed over the separator. The concrete wash rack pad will be reinstalled and sloped to drain into the system inlet grate.



**HODGDON MEADOWS WASH RACK AND OIL SEPARATOR**  
**PHOTOGRAPHS OF EXISTING EQUIPMENT AND PROPOSED EQUIPMENT**

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This photo is the two chamber separator that will be installed. The tank is double walled with an interstitial space monitoring port for installing leak detection sensors.



A pressure gauge is currently installed in the sensor port to enable vacuum testing to assure the integrity of both tank walls prior to backfilling.

The tank was purchased several years ago but never installed. Prior to installation, the tank will be tested and recoated if necessary to assure the unit will still function as designed. The manufacturer has been contacted to provide testing protocols for the unit and recoating recommendations.

The two precast concrete access vaults and hatches were also purchased and will be installed over the two vertical tank risers during backfilling operations.





National Park Service  
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Yosemite National Park  
Date: 07/19/2010

## ASSESSMENT OF ACTIONS HAVING AN EFFECT ON CULTURAL RESOURCES

### A. DESCRIPTION OF UNDERTAKING

**1. Park:** Yosemite National Park    **Park District:** Hodgdon Meadows

**2. Project Description:**

**a. Project Name:** 2010-034 Hodgdon Meadows Maintenance Facility - Replace Failed Oil/Water Separator and Wash Rack

**b. Date:** July 19, 2010

**c. PEPC Project ID Number:** 30797

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

   No

**X** Yes, Source or reference: **Hodgdon Meadows Archeological District.**

**X** 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:**

Archeological resources affected?

Name and number(s): Hodgdon Meadow Archeological District

NR status: 1 - Listed in Register and documented

Notes: No Adverse Effect

**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:**

- Ensure coordination with the Archeology Office prior to excavation. Laura Kirn, 379-1314.

**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 **Date:** July 19, 2010 **Title:** Environmental Protection Specialist **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:

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☒ Archeologist

Name: Laura Kirn

Date: 05/07/2010

Comments: YOSE 1999 PA, Stipulation VII.C.2.h.

*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:

Doc Method: Park Specific Programmatic Agreement

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☒ Historical Architect

Name: Sueann Brown

Date: 05/14/2010

Comments:

*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:

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



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[ X ] Historical Landscape Architect

Name: David Humphrey

Date: 05/13/2010

Comments:

*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)]

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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     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: \_\_\_\_\_

[ X ] 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. 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: 7/20/10

**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 Superintendent //Charles Cuvelier// (acting)

Date: 8/2/10

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