



A PDF text file of the project's approved environmental compliance package containing the letter of compliance completion, categorical exclusion form, environmental screening form, and any other associated environmental clearance forms, as applicable (e.g., Wilderness Minimum Requirement Analysis, Wild and Scenic River Section 7 Analysis). The signed originals of the package are on file in the Environmental Planning and Compliance Office at Yosemite National Park.

Letter of Compliance Completion

To: Russell Mitchell, Project Manager, Yosemite National Park

From: Cicely Muldoon, Superintendent, Yosemite National Park

Subject: NEPA and NHPA Clearance: Prescribed Burn- PW-WA Studhorse Unit (Segments ST-01 to ST-05)
(PEPC: 98107)

The Superintendent and park interdisciplinary team have reviewed the proposed project and completed an impact analysis and documentation, and have determined the following:

- There will not be any effect on threatened, endangered, or rare species and/or their critical habitat.
- There will be no adverse effect to historic properties.
- There 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.

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

General

- Only work described in PEPC 98107 is approved for implementation. Any changes to the scope of work will require additional review by the Environmental Planning and Compliance Branch.
- Coordinate and consult with Park resources staff (wildlife, archeology, vegetation etc.), concessioners, facilities, and other affected stakeholders at least 1 week ahead of burning to identify sensitive areas, allow for operational planning, and ensure the implementation of applicable mitigation measures.

Wildlife

- Helicopters should avoid flying near or landing in Wawona Meadow to minimize disturbance to great gray owls. Activity that generates noise above the ambient level should not occur from 30 min before dusk to 30 min after dawn particularly during the great gray owl LOP of March 1 - August 15th.
- Compliance with food-storage and garbage disposal requirements must be achieved at all times.

Wilderness

- The portion of the prescribed burn that will occur in designated Wilderness will follow the Wilderness-specific techniques and requirements described in the 2004 Fire Management Plan and 2017 Fire Management Plan Amendment (PEPC 41967).

Wildlife- Fisher

- Fisher Mitigations- Protections During Work:
 - Any temporary fencing will allow for the safe passage of fishers.
 - All food and garbage will be stored at all times in wildlife-proof containers.
 - Any pipes, watertanks, or trenches will be capped, screened, or fitted with escape ramps if they cannot be closed each night to avoid entrapment of wildlife.
 - Project staff will follow posted speed limits and reduce their speed by an additional five mph during dusk and dawn.
 - Work crews will attend a pre-work orientation taught by a Park Wildlife Biologist that will ensure crews understand how to identify a fisher and what actions are to be taken if a fisher is detected in or near the work site.
 - If a fisher is spotted within a work site, work in the area will cease until the animal safely moves out of the area and is in no danger from project activities. The Park Wildlife Biologist (Heather Mackey, (209) 379-1454) will be notified within the workday of the sighting and ensure that project activities do not adversely affect the fisher beyond what is analyzed in this appendage letter (i.e., ensure compliance with the incidental take statement).
 - National Park Service fire staff will ensure prescribed fire activities are undertaken only when conditions are amenable to facilitating low to moderate intensity fires that will burn the forest understory and conserve habitat elements such as large diameter snags, as well as live large diameter trees. The prescribed fire burning activities would not take place unless environmental moisture levels and wind forecasts were supportive of controlled burns to minimize any chance that the managed fire could escape and potentially grow into high intensity fire.
 - Any future alterations to the project (i.e. additional control lines, expansion of burn area) will be reviewed by a Park Wildlife Biologist to determine if the changes are consistent with the existing consultation or if additional consultation with the Service is needed.
- Fisher Mitigations- Timing:
 - This work is being planned for spring, fall, or winter 2021. A fall/winter implementation will limit impacts to fishers, nesting songbirds, amphibians, and reptiles. If the burn occurs in the spring the Park will avoid burning from March 15th to April 30 if at all possible. Any tree-cutting or other pre-burning prep-work that involves habitat modification or disturbance will occur outside the March 1 to June 30th Limited Operating Period (LOP).
 - If understory burning must be conducted from March 1 to April 30, it will use topography to limit smoke buildup in potential or high-quality denning habitat.
- Fisher Mitigations- Habitat Structure:
 - While the project will remove trees and vegetation by design, large diameter trees and California black oaks (>20" dbh) will be retained and protected where and when possible.
 - Large diameter trees, California black oaks (>20" dbh) and other high-value trees and snags will be raked or pre-burned when possible to aid in protection of these fisher habitat components.
 - Low intensity broadcast burning will be the method of prescribed burning used in proximity to large diameter trees, California black oaks (>20 dbh") and other high-value trees and snags, where possible.
 - Project personnel will also be mindful of protecting cover for fishers, but allowing for a mosaic of burning within the unit. Where possible, the project will maintain and enhance desired stand-level characteristics in suitable habitat.
 - Where possible, the project will maintain and enhance habitat heterogeneity within and between core habitat areas.

- If conditions allow, the project will maintain and enhance cover between habitat patches to allow for connectivity.
- If conditions allow, the project will create a mosaic within potential denning habitat, including some unburned patches, to provide heterogeneity and refugia for fisher and their prey.
- The project manager will consult with Park wildlife staff during planning to avoid and/or enhance suitable habitat and corridors to the greatest extent possible.

Vegetation

- Consult with Plant Ecologist (Kimiora Ward (209) 379-3293) at least 2 weeks prior to construction of containment lines to avoid special status plant species and invasive plant populations when constructing containment line. ST01 may contain *Trillium angustipetalum* and there are mapped occurrences of *Collinsia childii* and *Asarum lemonii* on the west edge of ST01. There is a small patch of *Carex sartwelliana* in ST05. These burn units have many invasive plant patches mapped in them, and avoiding cutting containment lines through them will help limit their spread.

Cultural Resources

- Assessment of no adverse effect is contingent on the following stipulations:
 - Remove fuels from on and around milling features at CA-MRP-1363.
 - Heavy equipment use within sites should be reviewed by the fire archeologist.
 - Avoid mop-up in CA-MRP-1362 and -1363
 - Keep burn piles created during mechanical thinning outside of site boundaries or within non-sensitive areas.
 - All new handlines will be cleared and monitored by an archeologist.
 - An archeological monitor will be present during firing operations and mop-up.
 - If concealed archeological resources are encountered during project activities, ensure protection measures are taken and initiate consultation with SHPO and traditionally associated tribes, as necessary.
 - If additional containment lines become necessary, ensure that archeological sites will be avoided unless previously constructed lines are utilized.
 - Integrate cultural resource awareness and protection into daily fire briefings during implementation of the prescribed burn.
 - Conduct post-burn assessments at archeological sites following prescribed burning to document fire effects to cultural resources and assess potential post-fire treatment needs.
- If previously unknown archeological resources are discovered during project implementation, all work in the immediate vicinity (600 feet) of the discovery shall be halted and the park's Cultural Resource Management team will be notified (Dawn Bringelson, Cultural Resources Branch Chief, (402) 437-5392 ex. 105).

Air Quality

- The Project Manager should work with the appropriate Air Resource District to register the burn and secure any necessary Smoke Management Plan permits prior to ignition to minimize any adverse smoke impacts to air quality. Project Manager will refer to procedures noted in the 2004 Final Yosemite Fire Management Plan EIS for mitigation of potential air quality impacts.

Superintendent: Cicely Muldoon
Cicely Muldoon

Date: May 10, 2021

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



Categorical Exclusion Documentation Form (CE Form)

Project: Prescribed Burn- PW-WA Studhorse Unit (Segments ST-01 to ST-05)

PEPC Project Number: 98107

Description of Action (Project Description):

The National Park Service is proposing to initiate prescribed burns as early as spring 2021 near the Wawona Wildland-Urban Interface (WUI) area. The proposed burn would cover an area of approximately 260 acres of the park within five segments of the PW-WA Studhorse burn unit (ST-01, ST-02, ST-03, ST-04, and ST-05) just south of the core Wawona WUI in Yosemite National Park. This project will build on past prescribed fire activities and recent thinning and pile burning work in the area with the goal of reducing fuel loading within the Wawona inner/outer WUI buffer. This work will be performed consistent with the objectives and techniques outlined in the 2004 Yosemite Fire Management Plan (FMP) and 2017 amendment.

Wawona Road will be used as the southern holding line and a pack trail will be used as the northern holding line. Another pack trail will be used to hold fire between the southern segments (ST-01, ST-02, ST-03, and ST-04) and ST-05 if needed. These pack trails will be cleared of brush and hazard trees to ensure proper holding. A light scraping of duff may be necessary to expose soil on the pack trail as part of line preparation as well. Hazard tree removal and some brushing along the road corridor may be necessary along Wawona Road. Line preparation is expected to require minimal disturbance and will occur along trails and roadways that are previously disturbed and currently in use.

The burn will be conducted along holding lines by hand ignition using drip torches. Helicopters or UAVs may be used to assist with igniting the burn if needed. Mop-up of hotspots along holding lines will be accomplished using water and hand tools. Some ground disturbance is expected associated with the clearing of brush, snags, and duff along the pack trails and holding lines. If additional control lines are deemed necessary to facilitate safe burning and to protect resources, they will be reviewed by an interdisciplinary team and approved by the deciding official prior to implementation. The interdisciplinary team is made up of NPS fire staff as well as cultural and natural resources staff (including archeologists, historians, and cultural anthropologists/tribal liaisons). Avoidance of cultural sites will be necessary and additional survey may be needed. All recommendations for cultural resource preparations listed will be completed prior to ignition.

The PW-WA Studhorse Unit has a long history of prescribed fire, with all five segments having been burned numerous times over the last 50 years. All five units first saw prescribed fire in 1970, with an additional prescribed fire for ST-01, ST-02, ST-03, and ST-04 in 1971. Those units (ST-01 through ST-04) were also burned in 1985 and again between 1993 and 1994. All five units were most recently burned over the 2002-2003 season.

Mitigation(s):

See Letter of Compliance Completion Form for mitigations

CE Citation: B.1 Changes or amendments to an approved plan, when such changes would cause no or only minimal environmental impact.

CE Justification:

Action is covered by the 2017 Fire Management Plan amendment (PEPC 41967) and 2004 Fire Management Plan. New impacts not covered by the FMP amendment are addressed in the Mitigations and Other Compliance/Consultations section.

Decision: I find that the action fits within the categorical exclusion above. Therefore, I am categorically excluding the described project from further NEPA analysis. No extraordinary circumstances apply.

Superintendent: _____ **Date:** _____
Cicely Muldoon Cicely Muldoon May 10, 2021

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Extraordinary Circumstances:

If implemented, would the proposal...	Yes/No	Notes
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 longer applicable per the updated 2020 CEQ NEPA regulations and DOI direction.
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	A Biological Analysis for the federally-listed Fisher has been prepared for this action.
I. Violate a federal, 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 (EO 12898)?	No	
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?	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	



ENVIRONMENTAL SCREENING FORM (ESF)

Updated Sept 2015 per NPS NEPA Handbook

A. PROJECT INFORMATION

Project Title:	Prescribed Burn- PW-WA Studhorse Unit (Segments ST-01 to ST-05)
PEPC Project Number:	98107
Project Type:	Fire - Prescribed Burn (PB)
Project Location:	
County, State:	Mariposa, California
Project Leader:	Russell Mitchell

B. PROJECT DESCRIPTION

See Categorical Exclusion form

C. RESOURCE IMPACTS TO CONSIDER:

Resource	Potential for Impact	Potential Issues & Impacts
Air Air Quality	Potential	<p>Issue: Prescribed fire project anticipated to generate smoke and air quality impacts.</p> <p>Impact: Air quality impacts are anticipated to be minor, and much smaller than those produced in large, catastrophic fires (which could result by not taking action). Project manager will refer to procedures noted in the 2004 Fire Management Plan and 2017 Fire Management Plan amendment (PEPC 41967) for mitigation of potential air quality impacts.</p>
Biological Nonnative or Exotic Species <i>Introduction of noxious plants</i>	Potential	<p>Issue: If fire trucks, bulldozers, or other heavy equipment are staged for fire contingencies, they may act as vectors that could introduce non-native plants.</p> <p>Impact: Follow resource protections outlined with regard to heavy equipment cleaning and inspection.</p>
Biological Species of Special Concern or Their Habitat <i>Fisher</i>	Potential	<p>Issue: Special status species, including the Federally-listed Pacific Fisher, are present in the project area. Helicopter use may disturb wildlife, especially nesting birds.</p> <p>Impact: Follow resource protections with regard to special status species, including those in the Biological Analysis for the Fisher that was prepared for this action. Impacts from this action are expected to be minor and much smaller than those posed by catastrophic fire, which could result from not taking action.</p>

		Disturbance caused by helicopters may be minimized by performing the burn in the fall or winter.
Biological Vegetation	Potential	<p>Issue: The forest and associated vegetation in the vicinity are fire-adapted and will be impacted by this action.</p> <p>Impact: Impacts from this action are expected to be beneficial to forest health and intended to thwart the potential negative, extensive impacts from large, catastrophic fire, which could result from not taking action.</p>
Biological Wildlife and/or Wildlife Habitat including terrestrial and aquatic species	Potential	<p>Issue: Fire may have impacts to wildlife communities and habitat (though these ecosystems are fire-adapted); wildlife behavior is impacted by human-caused food conditioning.</p> <p>Impact: Impacts from this action are expected to be beneficial to forest habitat health and intended to thwart the potential negative, extensive impacts from large, catastrophic fire, which could result from not taking action. Workers will follow resource protections with regard to food/trash storage outlined to prevent food conditioning in wildlife.</p>
Cultural Archeological Resources <i>Wawona Archeological District, CA-MRP- 1362, CA-MRP-1363, CA-MRP-2104H</i>	Potential	<p>Issue: There are three known archeological sites located in the project area. See Assessment of Effect for details.</p> <p>Impact: Follow cultural resource protections outlined to avoid impacts to archeological resources.</p>
Cultural Cultural Landscapes <i>Wawona Archeological District</i>	None	
Cultural Ethnographic Resources	None	
Cultural Museum Collections	None	
Cultural Prehistoric/historic structures <i>CA-MRP-2104H</i>	None	Issue: Archeological site CA-MRP-2104H consists of a portion of a historic road. No combustible artifacts are associated with the road.
Geological Geologic Features	None	
Geological Geologic Processes	None	
Lightsapes Lightsapes	None	

Other Human Health and Safety	Potential	<p>Issue: Fire operations pose inherent risks to human health and safety. Large, catastrophic fires (which could result from not taking action) also pose risks to human health and safety.</p> <p>Impact: Follow NPS and Park protocols to safely carry out prescribed burning activities and have contingency plans in place. Overall impacts to human health and safety are improved by decreasing the risk of large, catastrophic fire that could result from not taking action.</p>
Other Operational <i>Wawona Road</i>	Potential	<p>Issue: Prescribed fire may impact some NPS operations along Wawona Road which will be used as a containment line for the project.</p> <p>Impact: Communicate and coordinate project actions well ahead of projected implementation, refer to the 2004 Fire Management Plan and 2017 Fire Management Plan amendment (PEPC 41967) for mitigations and procedures regarding communication and coordination.</p>
Other Other	None	
Socioeconomic Land Use <i>Wawona</i>	Potential	<p>Issue: The prescribed burn project takes place just south of the community of Wawona, an employee housing area.</p> <p>Impact: The project is expected to provide protection to this community from catastrophic wildfires.</p>
Socioeconomic Minority and low-income populations, size, migration patterns, etc.	None	
Socioeconomic Socioeconomic	None	
Soundscapes Soundscapes <i>Helicopters</i>	Potential	<p>Issue: Helicopters produce a lot of noise.</p> <p>Impact: Noise from helicopters may disturb wildlife. See Species of Special Concern or Their Habitat, above.</p>
Viewsheds Viewsheds <i>Forest Structure</i>	Potential	<p>Issue: The project will clear excessive growth and vegetation from the project area.</p> <p>Impact: The project is expected to positively impact the forest views in the area by creating a more open, park-like forest structure.</p>
Visitor Use and Experience Recreation Resources <i>Wawona Hotel, Wawona Golf Course, Camp Wawona</i>	Potential	<p>Issue: Areas adjacent to planned prescribed fire activities are may be temporarily closed to visitation to protect visitor safety or may experience smoke impacts. Delays or reduced traffic speeds are possible along roads adjacent to the project area.</p> <p>Impact: Minor, temporary negative impact to recreation resources. Prescribed burning activities will take place in the low-visitation season. Refer to mitigations in the 2004 Fire Management Plan and 2017 Fire Management Plan amendment (PEPC 41967) to reduce potential visitor impacts.</p>

Visitor Use and Experience Visitor Use and Experience	None	
Water Floodplains	None	
Water Marine or Estuarine Resources	None	
Water Water Quality or Quantity	None	
Water Wetlands	None	
Water Wild and Scenic River	None	
Wilderness Wilderness	None	
Wilderness Wilderness	Potential	<p>Issue: Approximately half of the prescribed burn project is located in designated Wilderness.</p> <p>Impact: The Wilderness Branch has decided not to develop an MRA for this action. The portion of the prescribed burn that will occur in designated Wilderness will follow the techniques and requirements described in the 2004 Fire Management Plan and 2017 Fire Management Plan Amendment (PEPC 41967).</p>



ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

A. DESCRIPTION OF UNDERTAKING

1. **Park:** Yosemite National Park

2. **Project Description:**

Project Name: Prescribed Burn- PW-WA Studhorse Unit (Segments ST-01 to ST-05)

Prepared by: Daniel Sharon **Date Prepared:** 10/29/2020 **Telephone:** (209) 379-1038

PEPC Project Number: 98107

Locations:

County, State: Mariposa, CA

Describe project:

See Categorical Exclusion form

Area of potential effects (as defined in 36 CFR 800.16[d])

The APE is limited to the immediate vicinity of the proposed prescribed burn within the PW-WA Studhorse unit. The project will occur in an area of approximately 260 acres across five segments within the burn unit: ST-01, ST-02, ST-03, ST-04, and ST-05.

Planned containment lines are either modern infrastructure (roads) or previously used handlines (pack trails). Wawona Road will be used as the southern holding line and a pack trail will be used as the northern holding line. Another pack trail will be used to hold fire between the southern segments (ST-01, ST-02, ST-03, and ST-04) and ST-05 if needed. These pack trails will be cleared of brush and hazard trees to ensure proper holding. A light scraping of duff may be necessary to expose soil on the pack trail as part of line preparation as well. Hazard tree removal and some brushing along the road corridor may be necessary along Wawona Road. Line preparation is expected to require minimal disturbance and will occur along trails and roadways that are previously disturbed and currently in use.

The vertical APE is expected to be limited to the surface and near-surface soils. However, based on burn intensity the heat generated from the fire can cause disturbance to buried archeological materials to a depth of approximately 3 feet below surface. The proposed burn is adjacent to several high-use public areas, however the project is anticipated to occur in the spring or the fall when visitation is typically lower. Visible smoke impacts will be temporary for the duration of the burn.

3. **Has the area of potential effects been surveyed to identify historic properties?**

	No
X	Yes
	Source or reference:

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

Archeological Resources Present: Yes

Property Name: Wawona Archeological District **LCS:**

Archeological Resources Notes: The entire project area has been surveyed using modern techniques, with most work occurring in 1992 and 2002. It is within the Wawona Archeological District. Associated sites include CA-MRP-1362 (light lithic scatter), -1363 (two stationary milling features and a moderate to high density lithic scatter), and -2104H (three segments of road constructed in the historic era and now used as a trail and fire access road. These sites were documented after the archeological district was created in 1978 and have not been evaluated but will be treated as eligible for the NRHP for this undertaking and associated consultation.

Historical Structures/Resources Present: No

Cultural Landscapes Present: No

Ethnographic Resources Present: No

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
Yes	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:

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

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:

[X] 106 Advisor

Name: Hope Schear

Date: 11/12/2020

Comments: No HA/HLA review required. Consultation complete.

Check if project does not involve ground disturbance []

Assessment of Effect: ☐ No Potential to Cause Effect ☐ No Historic Properties Affected ☒ No Adverse Effect ☐ Adverse Effect ☐ Streamlined Review

Recommendations for conditions or stipulations: Please see archaeologist recommendations.

Doc Method: Standard 4-Step Process

[X] Anthropologist

Name: Liz Williams

Date: 11/10/2020

Comments: Please refer to archeologist comments.

No comments received from tribes.

Check if project does not involve ground disturbance [☐]

Assessment of Effect: ☐ No Potential to Cause Effect ☐ No Historic Properties Affected ☒ No Adverse Effect ☐ Adverse Effect ☐ Streamlined Review

Recommendations for conditions or stipulations: Please refer to archeologist comments. No comments received from tribes.

Doc Method: Standard 4-Step Process

[X] Archeologist

Name: Wesley Wills

Date: 11/10/2020

Comments: The entire project area has been surveyed using modern techniques, with most work occurring in 1992 and 2002. It is within the Wawona Archeological District, which was listed on the NRHP in 1978. Associated sites include CA-MRP-1362 (light lithic scatter), -1363 (two stationary milling features and a moderate to high density lithic scatter), and -2104H (three segments of road constructed in the historic era and now used as a trail and fire access road. These sites were documented after the archeological district was created in 1978 and have not been evaluated but will be treated as eligible for the NRHP for this undertaking and associated consultation. These sites were burned previously during prescribed fire efforts with low to moderate severity. Fire crews and archeologists will work in tandem to avoid or minimize potential impacts associated with preparation of control lines and to reduce heat within the site boundaries.

Check if project does not involve ground disturbance [☐]

Assessment of Effect: ☐ No Potential to Cause Effect ☐ No Historic Properties Affected ☒ No Adverse Effect ☐ Adverse Effect ☐ Streamlined Review

Recommendations for conditions or stipulations: Assessment of no adverse effect is contingent on the following stipulations:

- Remove fuels from on and around milling features at CA-MRP-1363.
- Heavy equipment use within sites should be reviewed by the fire archeologist.
- Avoid mop-up in CA-MRP-1362 and -1363
- Keep burn piles created during mechanical thinning outside of site boundaries or within non-sensitive areas.
- All new handlines will be cleared and monitored by an archeologist.
- An archeological monitor will be present during firing operations and mop-up.
- If concealed archeological resources are encountered during project activities, ensure protection measures are taken and initiate consultation with SHPO and traditionally associated tribes, as necessary.
- If additional containment lines become necessary, ensure that archeological sites will be avoided unless previously constructed lines are utilized.
- Integrate cultural resource awareness and protection into daily fire briefings during implementation of the prescribed burn.

- Conduct post-burn assessments at archeological sites following prescribed burning to document fire effects to cultural resources and assess potential post-fire treatment needs.

Doc Method: Standard 4-Step Process

No Reviews From: Curator, Historical Architect, Historian, Other Advisor, Historical Landscape Architect

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

	No Potential to Cause Effects
	No Historic Properties Affected
X	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. Undertaking Related to Park Specific or Another Agreement

The proposed undertaking is covered for Section 106 purposes under another document such as a park, region or statewide agreement established in accord with 36 CFR 800.7 or 36 CFR 800.14.

☐ D. Combined NEPA/NHPA Process

Process and documentation required for the preparation of an EA/FONSI or an EIS/ROD to comply with Section 106 is in accord with 36 CFR 800.8.c.

☐ E. Memo to Project File

3. Consultation Information

SHPO Required: Yes

SHPO Sent: Dec 14, 2020

SHPO Received: Jan 31, 2021

THPO Required: Yes

THPO Sent: Jul 16, 2020

THPO Received: No tribal comments after 30 days

SHPO/THPO Notes:

Advisory Council Participating: No

Advisory Council Notes:

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.)

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

- Coordinate and consult with Park resources staff (wildlife, archeology, vegetation etc.), concessioners, facilities, and other affected stakeholders at least 1 week ahead of burning to identify sensitive areas, allow for operational planning, and ensure the implementation of applicable mitigation measures.
- Assessment of no adverse effect is contingent on the following stipulations:
 - Remove fuels from on and around milling features at CA-MRP-1363.
 - Heavy equipment use within sites should be reviewed by the fire archeologist.
 - Avoid mop-up in CA-MRP-1362 and -1363
 - Keep burn piles created during mechanical thinning outside of site boundaries or within non-sensitive areas.
 - All new handlines will be cleared and monitored by an archeologist.
 - An archeological monitor will be present during firing operations and mop-up.
 - If concealed archeological resources are encountered during project activities, ensure protection measures are taken and initiate consultation with SHPO and traditionally associated tribes, as necessary.
 - If additional containment lines become necessary, ensure that archeological sites will be avoided unless previously constructed lines are utilized.
 - Integrate cultural resource awareness and protection into daily fire briefings during implementation of the prescribed burn.
 - Conduct post-burn assessments at archeological sites following prescribed burning to document fire effects to cultural resources and assess potential post-fire treatment needs.

6. Assessment of Effect Notes:

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

106 Coordinator: _____ **Date:** _____
Hope Schear Hope Schear

E. 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.

Superintendent: _____ **Date:** _____
Cicely Muldoon Cicely Muldoon

*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: 05/05/2021

Other Compliance/Consultations Form

Park Name: Yosemite National Park

PEPC Project Number: 98107

Project Title: Prescribed Burn- PW-WA Studhorse Unit (Segments ST-01 to ST-05)

Project Type: Fire - Prescribed Burn

Project Location:

County, State: Mariposa, CA

Project Leader: Russell Mitchell

ESA

Any Federal Species in the project Area? Yes

If species in area: Likely to Adversely Affect

Was Biological Assessment prepared? Yes

Sent to FWS: Jan 14, 2021

FWS Response: Feb 25, 2021

Sent to NMFS:

NMFS Response:

If Biological Assessment prepared, concurred? Yes

Formal Consultation required? Yes

Formal Consultation Notes:

We have a BO in place with USFWS for the fisher. USFWS concurred that this project may affect, and is likely to adversely affect the fisher. The BO and concurrence letter are attached.

Formal Consultation Concluded: Feb 25, 2021

Any State listed Species in the Project Area? Yes

Consultation Information: The state endangered great gray owl nests within one mile of the project area. As long as mitigations are followed, there will be no effect to great gray owls.

General Notes:

Data Entered By:	Heather Mackey	Date:	Feb 28, 2021
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ESA Mitigations

No ESA mitigations are associated with this project.

Floodplains/Wetlands/§404 Permits

Question	Yes	No	Details
A.1. Is project in 100- or 500-year floodplain or flash flood hazard area?		No	Not in floodplain or flash flood hazard area.
A.2. Is Project in wetlands as defined by NPS/DOI?		No	Not in wetland as defined by NPS/DOI.

B. COE Section 404 permit needed?		No	No placement of fill in waters of the United States.
C. State 401 certification?		No	
D. State Section 401 Permit?		No	Issue Date: Expiration Date:
E. Tribal Water Quality Permit?		No	
F. CZM Consistency determination needed?			N/A
G. Erosion & Sediment Control Plan Required?		No	
H. Any other permits required?		No	Permit Information:
Other Information:			
Data Entered By:	Daniel Sharon		Date: Mar 8, 2021

Floodplains & Wetlands Mitigations

No Floodplains & Wetlands mitigations are associated with this project.

Wilderness

Question	Yes	No	
A. Does this project occur in or adjacent to Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness?	Yes		
B. Is the only place to conduct this project in wilderness?	Yes		
C. Is the project necessary for the administration of the area as wilderness?		No	
D. Would the project or any of its alternatives adversely affect (directly or indirectly) Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness? (If Yes, Minimum Requirements Analysis required)		No	
E. Does the project or any of its alternatives involve the use of any of the Wilderness Act Section 4(c) prohibited uses: commercial enterprise, permanent road, temporary road, motor vehicles, motorized equipment, motorboats, landing of aircraft, mechanical transport, structure, or installation? (If Yes, Minimum Requirements Analysis required)		No	
If the answer to D or E above is "Yes" then a Minimum Requirements Analysis is required. Describe the status of this analysis in the column to the right.			Initiation Date: Completed Date: Approved Date:
Other Information: The portion of the prescribed burn that will occur in designated Wilderness will follow the Wilderness-specific techniques and requirements described in the 2004 Fire Management Plan and 2017 Fire Management Plan Amendment (PEPC 41967). The Wilderness Branch has decided not to develop a project-specific MRA for this action.			
Data Entered By:	Daniel Sharon		Date: Apr 28, 2021

Other Permits/Laws *Questions A & B are no longer used.*

Question	Yes	No
C. Wild and scenic river concerns exist?		No
D. National Trails concerns exist?		No
E. Air Quality consult with State needed?	Yes	
F. Consistent with Architectural Barriers, Rehabilitation, and Americans with Disabilities Acts or not Applicable? (If N/A check Yes)	Yes	
G. Other:		No

Other Information:

Project Manager should work with the appropriate Air Resource District to register the burn and secure any necessary Smoke Management Plan permits prior to ignition to minimize any adverse smoke impacts to air quality.

Data Entered By:	Daniel Sharon	Date:	Mar 8, 2021
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