

CalVTP Project-Specific Analysis Completion Report

Project Name:

Sonoma Land Trust Preserves Vegetation Treatment project – Coast preserve shaded fuel break

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1 INTRODUCTION

For any vegetation treatment project using the CalVTP Program EIR for California Environmental Quality Act (CEQA) compliance, per standard project requirement (SPR) AD-7, the project proponent will provide a completion report (also referred to in CalVTP SPRs and mitigation measures as a post-project implementation report) to the Board of Forestry and Fire Protection (Board) and CAL FIRE¹ when each initial and maintenance treatment is completed. For completed projects, SPR AD-7 requires the project proponent (or implementing entity) to submit a report that includes the following information:

- ▶ size of treated area (typically acres);
- ▶ treatment types and activities;
- ▶ dates of work;
- ▶ a list of the SPRs and mitigation measures that were implemented; and
- ▶ any explanations regarding implementation if required by SPRs and mitigation measures (e.g., explanation for feasibility determination required by SPR BIO-12; explanation for reduction of a no-disturbance buffer below the general minimum size described in Mitigation Measures BIO-1a and BIO-2b).

With the completion report, SPR AD-7 also requires submittal of GIS data that include a polygon(s) of the treated area, showing the extent of each treatment type (i.e., ecological restoration, fuel break, WUI fuel reduction) implemented. The Board or CAL FIRE will make this information available to the public via an online database or other mechanism. Submittal of the GIS data and a completion report following this template would satisfy the requirements of SPR AD-7 for completed treatments.

2 COMPLETION REPORT DIRECTIONS

Directions are provided below to fill out the completion report template in Section 3. [Highlighted brackets] point to locations in the report where the user should insert project-specific information and gives direction on what information to provide. [These directions can be removed from any completion report prepared using this template].

Section 3: Completion Report Template – fill in Sections 3.1 through 3.6

- ▶ Section 3.1: Treatment Area Size
 - Fill in categories provided and follow directions in text depending on if reporting on initial or maintenance treatments.
- ▶ Section 3.2: Treatment Types
 - Delete any treatment categories that do not apply to the project.

¹ Refer to submittal instructions on the CalVTP webpage: <https://bof.fire.ca.gov/projects-and-programs/calvtp/>

- Fill in categories provided and follow directions in text depending on if reporting on initial or maintenance treatments.
- ▶ Section 3.3: Dates of Work
 - Fill in categories provided and follow directions in text depending on if reporting on initial or maintenance treatments.
- ▶ Section 3.4: Standard Project Requirements and Mitigation Measures Completion Reporting
 - Delete all Standard Project Requirements (SPRs) and mitigation measures in table that do not apply to the project.
 - Fill in “Implementation Reporting” column for each SPR and mitigation measure section that apply to the project.
 - Check the “yes” box if SPR or mitigation measure is implemented to document compliance.
 - Include documentation for any explanations regarding implementation if required by the SPR or mitigation measure.
 - If additional protection measures (e.g., in coordination with tribes or agencies) are developed throughout the implementation process, include these additional measures in the “Implementation Notes” section of the applicable SPR or mitigation measure.
 - Information such as survey date(s) and other details can be included in the “Implementation Notes” section to help track compliance with each SPR and mitigation measure if desired by the project proponent.

3 COMPLETION REPORT TEMPLATE

Project Name: [Sonoma Land Trust Preserves Vegetation Treatment Project] – Coast Preserves Shaded Fuel Break Broadcast burn implementation.

CalVTP ID: [2021-15]

This report pertains to the completion of initial treatments under CalVTP [2021-15] At the time of this report, maintenance treatments are still pending for this project and will be implemented throughout the life of the PSA.

This project (shaded fuel break) was initiated before final adoption of the CalVTP for this property. As such, some of the activities (initial thinning treatment) were completed outside the scope of this VTP, under an NOE from the State Coastal Conservancy who partially funded the work, as informed by USDA NRCS-EQIP program surveys, and botanical surveys conducted by Sonoma Land Trust as part of preparing the VTP.

As such, this report only pertains to prescribed fire activities completed under the CalVTP. In total, this report addresses VTP compliance during four days of broadcast (prescribed) burning with CalFIRE as operational lead, between July to October 2023, on seven burn units totaling 36.5 acres, with the intended function of a shaded fuel break.

3.1 TREATMENT AREA SIZE AND TREATMENT TYPES

- ▶ Project Area: [36.5 acres]
- ▶ Treated During Initial Treatments: [36.5]
- ▶ Treated During Maintenance Treatments: [pending]
- ▶ Treatment Types (acres treated during initial treatments):
 - Fuel Breaks: 36.5
 - Wildland-Urban Interface: [0]
 - Ecological Restoration: [0]
- ▶ Treatment Types (acres treated during maintenance treatments)
 - Fuel Breaks: [pending]
 - Wildland-Urban Interface Fuel Reduction: [pending]
 - Ecological Restoration: [pending]

3.2 TREATMENT ACTIVITIES

- ▶ Mechanical Vegetation Treatments
 - Initial Treatments: [NA]
 - Maintenance Treatments: [pending]
- ▶ Manual Vegetation Treatments:
 - Initial Treatments: [NA]
 - Maintenance Treatments: [Pending]
- ▶ Prescribed Burning (Broadcast Burning):
 - Initial Treatments: [36.5 acres]
 - Maintenance Treatments: [Pending]
- ▶ Prescribed Burning (Pile Burning):

- Initial Treatments: [NA]
- Maintenance Treatments: [Pending]
- ▶ Herbicide Application:
 - Initial Treatments: [NA]
 - Maintenance Treatments: [NA]
- ▶ Prescribed Herbivory:
 - Initial Treatments: [NA]
 - Maintenance Treatments: [NA]

3.3 DATES OF WORK

- ▶ Initial Treatments:
 - Start Date: [7/12/2023]
 - End Date: [10/30/2023]
- ▶ Maintenance Treatments:
 - Start Date: [pending]
 - End Date: [pending]

3.4 STANDARD PROJECT REQUIREMENTS AND MITIGATION MEASURES COMPLETION REPORTING

Delete rows containing SPRs and/or mitigation measures that do not apply to the project. Required information is noted for each SPR and mitigation measure, below. In addition, suggestions for information that may be helpful for the project proponent’s record keeping purposes are noted under implementation notes by “e.g.”; however, this information is not required to be included in the completion report.

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|---|
| Administrative Standard Project Requirements | |
| SPR AD-1: Project Proponent Coordination | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: We partnered with CAL FIRE to implement these 4 days of broadcast burns, including pre-identification of sensitive resources, burn planning, public notification, coordinating with tribal entities, etc. |
| SPR AD-2: Delineate Protected Resources | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Surveys were conducted prior to each burn day, where a biologist flagged resources such as: riparian setbacks, habitat trees, nest sites (for July and august burns), and Napa False Indigo. |
| SPR AD-3: Consistency with Local Plans, Policies, and Ordinances | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR AD-4: Public Notifications for Prescribed Burning | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: We contacted County officials, posted signs, and released info to the press at least 5 days before each burn |
| SPR AD-5: Maintain Site Cleanliness | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR AD-6: Public Notifications for Treatment Projects | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR AD-7: Provide Information on Completed Treatment Projects | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., submittal dates for project information): This report (and accompanied GIS data) fulfills this requirement |
| SPR AD-8: Request Access for Post-Treatment Assessment | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: The project site is available for inspection by CalFire or other agency staff, as requested. |

Completion Report

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|---|--|
| Aesthetic and Visual Resource Standard Project Requirements | |
| SPR AES-2: Avoid Staging within Viewsheds | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., any limitations on feasibility): |
| Air Quality Standard Project Requirements | |
| SPR AQ-1: Comply with Air Quality Regulations | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Air quality permits / permission were obtained prior to igniton |
| SPR AQ-2: Submit Smoke Management Plan | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., when and to which air district the smoke management plan was submitted, if required): |
| SPR AQ-3: Create Burn Plan | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: M. Thuberville, CAL FIRE, as part of RM75. |
| SPR AQ-4: Minimize Dust | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: CalFIRE engines applied water to access road on days of burns |
| SPR AQ-6: Prescribed Burn Safety Procedures | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| Cultural Resources Standard Project Requirements | |
| SPR CUL-1: Conduct Record Search | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., when record search was conducted and search buffer utilized): 2016 was last record search, survey – post burn arch survey with tribe/consulstants planned in 2024. |
| SPR CUL-2: Contact Geographically Affiliated Native American Tribes | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Stuart’s Point Band of Kashia Pomo Indians were included in planning, and a tribal monitor was present during all burn days |

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| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|---|---|
| SPR CUL-3: Pre-field Research | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR CUL-4: Archaeological Surveys | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR CUL-5: Treatment of Archaeological Resources | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., protection measures developed in coordination with tribe): Protection measures developed in coordination with tribe, tribal monitor present during burn days |
| SPR CUL-6: Treatment of Tribal Cultural Resources | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., protection measures developed in coordination with tribe): Protection measured developed in coordination with tribe, tribal monitor present during burn days |
| SPR CUL-7: Avoid Built Historical Resources | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., buffer reduction with approval from qualified archaeologist): No known historic resources within units |
| SPR CUL-8: Cultural Resource Training | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Conducted as part of pre-burn operational briefing |
| Mitigation Measure CUL-2: Protect Inadvertent Discoveries of Unique Archaeological Resources or Subsurface Historical Resources | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date data recovery plan prepared; date DPR Primary Records forms submitted to appropriate regional information center): No inadvertent discoveries. Training provided pre-burn for what to do if found. |
| Biological Resources Standard Project Requirements/Mitigation Measures | |

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|--|
| <p>SPR BIO-1: Review and Survey Project-Specific Biological Resources</p> <p>Data review and reconnaissance-level survey</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If more than one year passed between PSA completion and initiation of vegetation treatment, provide summary of verification that the PSA remains accurate:</p> <p>Implementation Notes (e.g., date[s] reconnaissance-level survey[s] conducted): We assessed burn units locations for habitat for rare species using evidence from our 2022 PSA, and determined that impacts to biological resources could be avoided by: 1) Conducting focused bird surveys prior to burns during bird nesting season, OR 2) avoiding potential impacts to plant species by burning during fall AND avoiding prescribed fire ignition in riparian buffers. We hired biologists who flagged potential breeding habitat features (snags, hollow trees, etc) inside burn units and these features were “prepared” for prescribed fire through additional fuel clearance to protect them from burning. Staff conducted pre-surveys for rare plants, habitat features in spring 2023, and biologist conducted surveys on July 11, 2023 for additional habitat features and bird nests. Between all these surveys, no evidence was found of: Nesting birds, badger, roosting bats, or amphibians/reptiles.</p> |
| <p>1. Suitable Habitat Is Present but Adverse Effects Can Be Clearly Avoided</p> <p>OR</p> <p>2. Suitable Habitat is Present and Adverse Effects Cannot Be Clearly Avoided</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., suitable habitat identified; species for which adverse effects from the project can be clearly avoided; species for which adverse effects from the project cannot be clearly avoided): Suitable habitat (presence confirmed) for Napa False Indigo (<i>Amorpha californica var. napensis</i>), but adverse effects avoided by burning during the dormant season. This species is also stump sprouting.</p> |
| <p>SPR BIO-2: Require Biological Resource Training for Workers</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., date[s] trainings were conducted and names of participants; special-status wildlife encounters that warranted reporting to CDFW or USFWS): Biological trainings were given to prescribed burn crews as part of operational briefings before each day of burning, briefings covered species potentially present in the burn units.</p> |
| <p>SPR BIO-3: Survey Sensitive Natural Communities and Other Sensitive Habitats</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., sensitive natural communities and other sensitive habitats mapped in project area): We have existing maps of vegetation type / forest. Although portions of these burns were conducted in veg types with a rarity rank of S-3 (or oak woodlands), every unit was outside its’ historic fire return interval prior to these burns. We developed a memo for Coast properties as directed in BIO-3a.</p> |

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|---|
| <p>SPR BIO-4: Design Treatment to Avoid Loss or Degradation of Riparian Habitat Function</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If applicable and not recorded in the PSA, identify the vegetation retention standards and protection measures in SPR BIO-4 that were implemented and the substantial evidence that the alternative design measures provide a more effective means of achieving the treatment objectives and would result in effects to the Beneficial Functions of Riparian Zones equal or more favorable than those expected to result from application of the measures in SPR BIO-4:</p> <p>Implementation Notes (e.g., when required by California Fish and Game Code Section 1602, date notification to CDFW occurred [if applicable]): Only one riparian resource was located within footprint of activities. Resource was flagged for avoidance during burning (no ignitions in buffer zone).</p> |
| <p>SPR BIO-5: Avoid Environmental Effects of Type Conversion and Maintain Habitat Function in Chaparral and Coastal Sage Scrub</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., minimum percent cover of mature native shrubs for each chaparral and/or coastal sage scrub alliance to maintain habitat function): NA, no chaparral habitat units in footprint</p> |
| <p>SPR BIO-6: Prevent Spread of Plant Pathogens</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes: Workers were asked to de-seed clothing/equipment before arriving, fire crews were asked to pressure wash vehicles before/after these burns.</p> |
| <p>SPR BIO-7: Survey for Special-Status Plants</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., date(s) and results of protocol-level surveys): surveys were conducted on 5/17/23. Napa False Indigo plants were found at the edge of burn unit B, burned October 30 2023. Plants were flagged for avoidance, and no ignitions within 50' of the plant. Approximately 15 individual plants were inside the burn unit, about 1/3 of the plants in the local population. Plants will be monitored, but this species is known to re-sprout following low intensity fire, especially when burned during its' dormant season (Plants had dropped their leaves at the time of the October burn day where plants were present).</p> |
| <p>SPR BIO-9: Prevent Spread of Invasive Plants, Noxious Weeds, and Invasive Wildlife</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., significant infestation identified; feasible measures used to decontaminate heavy equipment and vehicles traveling off road): No significant weed infestations are present.</p> |

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| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|--|
| <p>SPR BIO-10: Survey for Special-Status Wildlife and Nursery Sites</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., date[s] and results of protocol-level surveys; date[s] and results of focused surveys): Survey on July 11, 2023. A few potential nursery / habitat trees were flagged for avoidance, and control lines were put in around these features by hand crews with rakes.</p> |
| <p>SPR BIO-12: Protect Common Nesting Birds, Including Raptors</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If not included in the PSA, or if any change has occurred since PSA analysis, document any infeasibility to avoiding loss of common bird nests (not including raptors) and the reasons implementation of the avoidance strategies was infeasible (NOTE: project proponent/implementing entity must comply with all applicable laws including the Migratory Bird Treaty Act):</p> <p>Implementation Notes (e.g., date[s] and results of common nesting bird surveys): Nesting bird surveys 7/11/23</p> |
| <p>Mitigation Measure BIO-1a: Avoid Loss of Special-Status Plants Listed under ESA or CESA</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If not identified in the PSA, record any buffers that were reduced from the recommended minimum of 50 feet (NOTE: no reduction will occur for ignition and associated use of accelerants unless the beneficial treatment exception is utilized) and provide a science-based justification for the buffer reduction:</p> <p>Implementation Notes: NA. No listed plants present in unit.</p> |
| <p>Mitigation Measure BIO-1b: Avoid Loss of Special-Status Plants Not Listed Under ESA or CESA</p> | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes: We avoided impacts to Napa False Indigo located in Burn unit B by flagging for avoiding physical disturbance, and by indicating a 50' "no-ignition" zone during burning. Plants will continue to be monitored for their response to low-intensity fire. Also, Napa False Indigo is a stump sprouting species.</p> |
| <p>Mitigation Measure BIO-1c: Compensate for Unavoidable Loss of Special-Status Plants</p> | <p>Was the measure implemented? <input type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., measures and features of the Compensatory Mitigation Plan [CMP]; date of submittal of CMP to CDFW and/or USFWS [as applicable] for review and comment; evidence submitted to CDFW, USFWS, and/or other applicable responsible agency that mitigation has been implemented and that compensatory plant populations will be preserved in perpetuity): NA. No listed plants in unit.</p> |

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|---|--|
| Mitigation Measure BIO-2a: Avoid Mortality, Injury, or Disturbance for Listed Wildlife Species and California Fully Protected Species | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., date[s] of consultation with CDFW, USFWS, and/or NOAA Fisheries completed; protection measures recommended by CDFW, USFWS, and/or NOAA Fisheries): NA, no listed or fully protected wildlife species detected in project areas.</p> |
| Mitigation Measure BIO-2b: Avoid Mortality, Injury, or Disturbance for Other Special-Status Wildlife Species | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If not identified in the PSA, or if any deviation from what was described in PSA occurred, describe any buffer reduction from the recommended size of a minimum of 100 feet for non-ESA- and non-CESA-listed species and provide a site-and/or treatment activity-specific explanation for the buffer reduction:</p> <p>Implementation Notes (e.g., any increase in buffer size after monitoring occurred): We flagged multiple habitat features where there was potential use (but no documented presence) by special status wildlife species, (hollow snags, acorn woodpecker granary trees), and had crews do additional preparation around them to ensure they didn't burn during prescribed fire operations.</p> |
| Mitigation Measure BIO-2c: Compensate for Mortality, Injury, or Disturbance and Loss of Habitat Function for Special-Status Wildlife if Applicable (All Treatment Activities) | <p>Was the measure implemented? <input type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., measures and features of the Compensatory Mitigation Plan [CMP]; date of submittal of CMP to CDFW, USFWS, and/or NOAA Fisheries [as applicable] for review and comment; evidence submitted to CDFW, USFWS, NOAA Fisheries, and/or other applicable responsible agency that mitigation has been implemented or that the project proponent has entered into a legal agreement to implement it and that compensatory habitat will be preserved in perpetuity): NA, no species present in nits.</p> |
| Mitigation Measure BIO-3a: Design Treatments to Avoid Loss of Sensitive Natural Communities and Oak Woodlands | <p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>If not identified in the PSA, or if there was any change in the feasibility of avoidance strategies from those explained in the PSA, identify avoidance measures in MM BIO-3a that were infeasible and document the reasons for infeasibility:</p> <p>Implementation Notes (e.g., natural fire regime of the vegetation alliances present): We conducted these treatments in a few forest types: Bay-laurel, Douglas-fir, Tan-oak, and Blue Oak. Given the preponderance of cultural burning at this location in history, these treatments are well within historic fire return intervals – this is the first fire since 1978.</p> |

| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|---|---|
| Mitigation Measure BIO-3b: Compensate for Loss of Sensitive Natural Communities and Oak Woodlands | Was the measure implemented? <input type="checkbox"/> Yes Implementation Notes (e.g., date[s] of consultation with CDFW and/or other applicable responsible agency prior to finalizing the Compensatory Mitigation Plan [CMP]; measures and features of the CMP; evidence submitted to CDFW and/or other applicable responsible agency that mitigation has been implemented or that the project proponent has entered into a legal agreement to implement it and that compensatory habitat will be preserved in perpetuity): NA. No loss of Sensitive Natural Communities. |
| Mitigation Measure BIO-3c: Compensate for Unavoidable Loss of Riparian Habitat | Was the measure implemented? <input type="checkbox"/> Yes Implementation Notes (e.g., date[s] of consultation with CDFW and/or other applicable responsible agency prior to finalizing the Compensatory Mitigation Plan [CMP]; measures and features of the CMP; evidence submitted to CDFW and/or other applicable responsible agency that mitigation has been implemented or that the project proponent has entered into a legal agreement to implement it and that compensatory riparian habitat will be preserved in perpetuity): NA. No loss. |
| Mitigation Measure BIO-4: Avoid State and Federally Protected Wetlands | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date[s] and results of wetland delineation[s]; date[s] of periodic inspections of material demarcating wetland buffers; necessity of larger buffer): Wetland delineation for Oct 30, 2023 burn. |
| Mitigation Measure BIO-5: Retain Nursery Habitat and Implement Buffers to Avoid Nursery Sites | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., appropriate buffer size and shape [determined by qualified RPF or biologist]; results of nursery site monitoring; any adjustment to buffers): No active nursery sites detected, we avoided likely habitat features by prepping to avoid impacts from Rx burning. |
| Geology, Soils, and Mineral Resource Standard Project Requirements | |
| SPR GEO-1: Suspend Disturbance during Heavy Precipitation | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR GEO-3: Stabilize Disturbed Soil Areas | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Re-seeded native grass on some fire lines Fall 2023, and raked soil back into place. |
| SPR GEO-4: Erosion Monitoring | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date of first large storm or rainfall event and inspection[s] after first large storm or rainfall event): |

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| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|--|
| SPR GEO-5: Drain Stormwater via Water Breaks | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., other erosion controls installed to minimize soil loss): |
| SPR GEO-6: Minimize Burn Pile Size | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., percent of the total treatment area occupied by burn piles): A few burn piles constructed during unit prep, kept within size limits |
| SPR GEO-7: Minimize Erosion | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR GEO-8: Steep Slopes | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., unstable area or soils identified; licensed geologist's recommended measures to prevent substantial erosion or loss of topsoil): no steep slopes present where erosion concerns are present |
| Greenhouse Gas Emission Standard Project Requirement and Mitigation Measure | |
| Mitigation Measure GHG-2: Implement GHG Emission Reduction Techniques During Prescribed Burns | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., feasible greenhouse gas reduction methods integrated into design of prescribed burns and reported in the Burn Plan [see SPR AQ-3]): We avoided burning large logs when possible, with ignition techniques. |
| Hazardous Material and Public Health and Safety Standard Project Requirements and Mitigation Measure | |
| SPR HAZ-1: Maintain All Equipment | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR HAZ-5: Spill Prevention and Response Plan | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date of Spill Prevention and Response Plan [SPRP] completion): |

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| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|---|---|
| SPR HAZ-6: Comply with Herbicide Application Regulations | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., issue date and name of required licenses and permits; date of coordination with agricultural commissioner[s]): no herbicide use |
| SPR HAZ-7: Triple Rinse Herbicide Containers | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: no herbicide use |
| Hydrology and Water Quality Standard Project Requirements | |
| SPR HYD-1: Comply with Water Quality Regulations | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR HYD-2: Avoid Construction of New Roads | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: |
| SPR HYD-4: Identify and Protect Watercourse and Lake Protection Zones | Was the measure implemented? <input checked="" type="checkbox"/> Yes If not included in the PSA, or if any deviation (e.g., further reduction) from what is documented in the PSA has occurred, record any reduction in percent surface cover reduced below 75 percent within WLPZ by a qualified RPF and provide a site- and/or treatment activity-specific explanation for the reduction: Implementation Notes (e.g., implementation of additional protection measures such as seeding, mulching, or replanting; heavy equipment limitations within equipment limitation zone[s]): Flagged a 75' no-ignition zone around any class 3 streams. |
| SPR HYD-5: Protect Non-Target Vegetation and Special-status Species from Herbicides | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: No herbicides |
| SPR HYD-6: Protect Existing Drainage Systems | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., any necessary coordination with owner[s] of drainage systems): |

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| Standard Project Requirements/Mitigation Measures | Implementation Reporting |
|--|---|
| Noise Standard Project Requirements | |
| Recreation Standard Project Requirements | |
| SPR REC-1: Notify Recreational Users of Temporary Closures | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date[s] and location[s] of required temporary recreational area or facility closures; coordination with owner/manager of recreation area or facility; date(s) the Administrative Officer [or equivalent official responsible for distribution of public information] of the county[ies] was notified of closures): We notified the public, and worked with The Wildlands Conservancy to notify public of the closure of the Sea to Sky Trail during July 2023 burns, including posting signage and press release. |
| Transportation Standard Project Requirements | |
| SPR TRAN-1: Implement Traffic Control during Treatments | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., measures included in Traffic Management Plan to reduce potential traffic obstructions, hazards, and service level degradation along affected roadway facilities): No traffic impacts from these burns due to remote location. Roadway signage, neighbor communication reduced potential for conflicts. |
| Public Services and Utilities Standard Project Requirement | |
| SPR UTIL-1: Solid Organic Waste Disposition Plan | Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes (e.g., date Solid Organic Waste Disposition Plan was completed; location and capacity of the intended offsite processing facility): No solid waste generated. |

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