

CalVTP Project-Specific Analysis Completion Report

Project Name:

Sonoma Land Trust Preserves Vegetation Treatment project – Laufenburg Ranch
Preserve 2023 Broadcast burns

TABLE OF CONTENTS

Section		Page
1	INTRODUCTION	3
2	COMPLETION REPORT GUIDANCE	3
3	COMPLETION REPORT	4
3.1	Treatment Area Size	5
3.2	Treatment Types	5
3.3	Dates of Work	6
3.4	Standard Project Requirements and Mitigation Measures Completion Reporting.....	7

This page intentionally left blank.



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 report addresses two days of prescribed burning activities in cooperation with CAL FIRE in 2023 at Laufenburg Ranch Preserve. In these two days, three units were burned. On 6/15/2023, Sonoma Land Trust worked with CAL FIRE to burn 2 grassland units totalling 19.8 acres at Laufenburg ranch. On 11/14/2023, we worked with CAL FIRE again to burn one unit, where 18.6 acres were burned (moisture prevented use of fire in all acres of the unit), with about 8.6 acres of forest, and 10 acres of grass.

3.1 TREATMENT AREA SIZE AND TREATMENT TYPES

- ▶ Project Area: [38.5 acres]
- ▶ Treated During Initial Treatments: [38.5]
- ▶ Treated During Maintenance Treatments: [pending]
- ▶ Treatment Types (acres treated during initial treatments):
 - Fuel Breaks: [0]
 - Wildland-Urban Interface: [0]
 - Ecological Restoration: [38.5]
- ▶ 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: [38.5 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: [6/15/2023] FIRST BURN - one day
 - End Date: [11/14/2023] SECOND BURN – one day
- ▶ 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 2 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: We used high visibility flagging to delineate the few protected resources in this unit: a sensitive cultural area, and potential bird nesting sites for the June burn.
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, called/emailed neighbors, 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 ignition
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:
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):
SPR CUL-2: Contact Geographically Affiliated Native American Tribes	Was the measure implemented? <input checked="" type="checkbox"/> Yes Implementation Notes: Individuals from the (currently unrecognized) Mishewal Wappo tribe were consulted prior to each burn.

Completion Report

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 historic resources sensitive to fire 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	
SPR BIO-1: Review and Survey Project-Specific Biological Resources Data review and reconnaissance-level survey	Was the measure implemented? <input checked="" type="checkbox"/> Yes If more than one year passed between PSA completion and initiation of vegetation treatment, provide summary of verification that the PSA remains accurate: Implementation Notes (e.g., date[s] reconnaissance-level survey[s] conducted): We assessed burn units locations for potential habitat for protected/rare species using evidence from our 2022 PSA. The units were determined to have little potential for habitat, and we 1) conducted focused bird surveys prior to burns during bird nesting season (June burn), 2) surveyed for rare grassland species within burn units burned in June, and 3) Burned in the fall in the forest unit, which was also surveyed in the spring for rare plants (none).

Standard Project Requirements/Mitigation Measures	Implementation Reporting
<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 for Clara Hunt Milkvetch, Narrow anthered broidea, and Congested Tarweed in grassland units burned in the spring → SLT staff with botanical training surveyed the burn units for these species. See SPR BIO7.</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. We developed a memo for Laufenburg as directed in BIO-3a. Although portions of these burns were conducted in oak woodland units, these units have not seen fire in over 100 years, making this burn well within the historic fire regime. Spring burns were conducted in a former agricultural field with low native diversity, and in another former orchard, where invasive species (yellow starthistle, medusahead), were being targeted. The two spring burn sites were surveyed, and have localized <1% cover of native grasses, putting them outside of the definition of rare grassland types.</p>
<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]): No riparian resources were present within the units burned.</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>

Completion Report

Standard Project Requirements/Mitigation Measures	Implementation Reporting
<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 by SLT staff on 5/10/23. They specifically searched for: Clara Hunt Milkvetch, Amsinkia luari, and Brodiaea leptandra, but did not find them. One of the grassland units was burned in spring 2022 under an NOE – anecdotally, there was greater abundance of native plants in 2023 vs. 2022, reflecting a likely benefit of this June burn window on native plants. Specially, Sky lupine, <i>Linanthus</i>, and <i>Castilleja attenuata</i> were having good years.</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): Workers were asked to de-seed clothing/equipment before arriving, and before leaving. Spring burns targeted invasive species.</p>
<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 (for fall burn, prior to minimal unit preparation). 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 survey completed on 6/2/23. A biologist flagged all active nesting locations and provided an appropriate work buffer for the species.</p>

Standard Project Requirements/Mitigation Measures	Implementation Reporting
Mitigation Measure BIO-1a: Avoid Loss of Special-Status Plants Listed under ESA or CESA	<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>
Mitigation Measure BIO-1b: Avoid Loss of Special-Status Plants Not Listed Under ESA or CESA	<p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes: NA, no special status plants in units.</p>
Mitigation Measure BIO-1c: Compensate for Unavoidable Loss of Special-Status Plants	<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>
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 avoided a few habitat features that had inactive bird nests.</p>

Standard Project Requirements/Mitigation Measures	Implementation Reporting
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): All treatments were conducted in highly-altered grassland (spring), or in a grassland/oak spp. Mix (fall). Area has not seen wildfire in 80+ years before this work.</p>
Mitigation Measure BIO-3b: Compensate for Loss of Sensitive Natural Communities and Oak Woodlands	<p>Was the measure implemented? <input type="checkbox"/> Yes</p> <p>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.</p>
Mitigation Measure BIO-3c: Compensate for Unavoidable Loss of Riparian Habitat	<p>Was the measure implemented? <input type="checkbox"/> Yes</p> <p>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.</p>
Mitigation Measure BIO-4: Avoid State and Federally Protected Wetlands	<p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>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): NA, no wetland resources present in units.</p>
Mitigation Measure BIO-5: Retain Nursery Habitat and Implement Buffers to Avoid Nursery Sites	<p>Was the measure implemented? <input checked="" type="checkbox"/> Yes</p> <p>Implementation Notes (e.g., appropriate buffer size and shape [determined by qualified RPF or biologist]; results of nursery site monitoring; any adjustment to buffers):</p>

Completion Report

Standard Project Requirements/Mitigation Measures	Implementation Reporting
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:
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):
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 and were burned in broadcast fire, 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.

Completion Report

Standard Project Requirements/Mitigation Measures	Implementation Reporting
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):
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]): NA, no streams/riparian present.

Completion Report

Standard Project Requirements/Mitigation Measures	Implementation Reporting
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):
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): NA, no public access.
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): We placed roadway signage along primary and secondary routes nearby (Highway 128, spencer lane). No smoke made it anywhere close to a roadway.
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.

This page intentionally left blank.