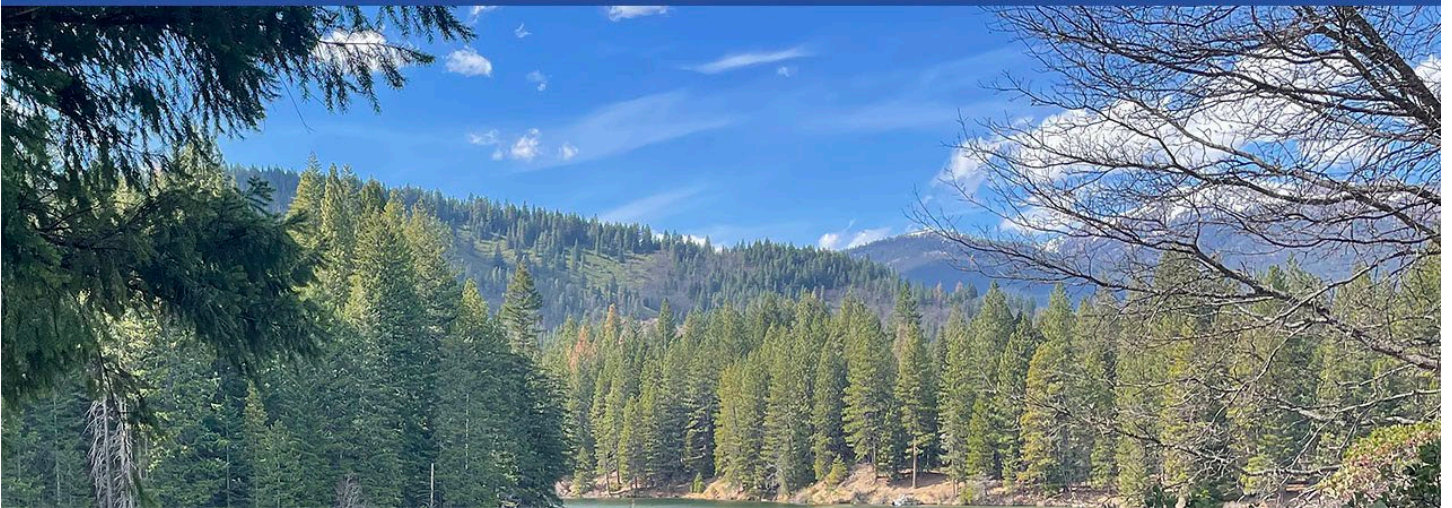

CalVTP Project Pre-Implementation Checklist for Qualified Registered Professional Foresters (RPFs) and Biologists



Project Notes:

CalVTP Project-Specific Analysis Pre-Implementation Checklist

Refer to the Project-Specific Analysis (PSA) or PSA/Addendum for: 1) vegetation types in the project area; 2) sensitive habitats that could occur in the project area; and 3) a list of special-status plant and wildlife species that could occur in the project area.

Prior to implementation, verify the potential presence of sensitive biological resources in the project or treatment area (i.e., smaller area within the overall project area). This verification should occur as early as possible prior to project implementation. This tool can be used for projects with large project areas to keep track of implementation in individual treatment areas or can be used for an entire project area, such as for smaller projects.

Treatment Area Habitat and Potential Habitat Verification

Habitat suitable for special-status plants? (See Section A)*	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Habitat suitable for special-status wildlife? (See Section B)*	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sensitive natural communities? (See Section C)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Oak woodlands? (See Section C)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Riparian habitat? (See Section C)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Chaparral or coastal sage scrub? (See Section C)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Wetlands? (See Section D)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

*It is possible that a treatment area would have no potential for special-status plants or wildlife; however, this would be a very uncommon case. For example, a very small treatment area (e.g., less than 10 acres) with low-quality habitat may lack habitat suitable for these species. However, in most cases, at least a short list of special-status plants and wildlife would need to be considered.

Notes:

Section A. Special-Status Plants (SPR BIO-7; MM BIO-1a; MM BIO-1b; MM BIO-1c)

APPLICABLE *NOT APPLICABLE*

- Review PSA **Table** _____ for list of special-status plants with potential to occur in the project area.
- Determine which plant species could occur in the specific treatment area based on habitat present.



- Refer to Special-Status Plant Measures Flow Chart implementation tool to determine if protocol-level surveys can be avoided (e.g., all special-status plants are non-ESA- and/or non-CESA-listed annuals or geophytes, treatments would happen outside of their growing season, and no ground-disturbing treatments would occur).
- Refer to Blooming Period tools, Biological Resources Sensitive Season Limited Operating Periods Chart, and if applicable for project, Special-Status Plants Elevation Zones tool to plan protocol-level surveys (**SPR BIO-7**).

Review special-status plant bloom periods and plan protocol-level surveys (**SPR BIO-7**) as soon as possible in the project implementation planning process. Protocol-level surveys for special-status plants must be conducted when the plant species are blooming, and several surveys may be required to capture early-blooming species and late-blooming species (i.e., bloom periods for all species on the list may not overlap).

- Conduct protocol-level surveys for special-status plants (**SPR BIO-7**).
- No special-status plants detected during surveys: **no further mitigation required pursuant to MM BIO-1a, MM BIO-1b, or MM BIO-1c.**
- Special-status plants detected during surveys: refer to Special-Status Plant Measures Flow Chart implementation tool; implement **MM BIO-1a** (for species listed under ESA or CESA) or **MM BIO-1b** (for special-status plants not listed under ESA or CESA).
- Significant impacts under CEQA would remain after implementation of **MM BIO-1a** or **MM BIO-1b**: refer to Special-Status Plant Measures Flow Chart implementation tool; implement **MM BIO-1c**.

Special-Status Plant Implementation Notes:

Notes:

Treatment Area:

Project:

Special-Status Plant Implementation Notes:

Notes:

Section B. Special-Status Wildlife and Nursery Sites (SPR BIO-10; MM BIO-2a through BIO-2h)

APPLICABLE NOT APPLICABLE

- Review PSA Table _____ for list of special-status wildlife species with potential to occur in the project area.
- Determine which wildlife species could occur in the specific treatment area based on habitat present.
- Refer to Biological Resources Sensitive Season Limited Operating Periods Chart tool, Special-Status Wildlife Measures Flow Chart, and if applicable, Special-Status Wildlife Elevation Zones implementation tool to determine whether the sensitive season or no-disturbance buffer zone for wildlife species that could occur in the treatment area can be avoided (SPR BIO-1).



- Limited operating period and/or no-disturbance buffer implemented: **no further species avoidance measures required; however, measures to maintain habitat function may still be required pursuant to MM BIO-2a through BIO-2h.** (Refer to Biological Resources Sensitive Season Limited Operating Period Chart tool and Special-Status Wildlife Measures Flow Chart implementation tool.)

Establish plan for necessary focused or protocol-level surveys for special-status wildlife (SPR BIO-10) as soon as possible in the project implementation planning process. Some protocol-level surveys require multiple visits or multiple survey years, which must be completed prior to implementation of treatments, and some surveys require coordination with CDFW or USFWS or approval of surveyors. Focused surveys (i.e., species-specific surveys for which a protocol does not exist) must be completed *within 14 days* prior to the start of treatment activities and nesting bird surveys pursuant to SPR BIO-12 must be completed *within 3 weeks* prior to the start of treatment activities.

- Avoidance of limited operating period and/or no-disturbance buffer not feasible: conduct protocol-level or focused surveys for special-status wildlife or assume species may be present (SPR BIO-10).
- No special-status wildlife species detected during surveys: **no further species avoidance measures required; however, measures to maintain habitat function may still be required pursuant to MM BIO-2d and BIO-2e.** (Refer to Special-Status Wildlife Measures Flow Chart implementation tool.)
- Special-status wildlife detected during surveys or assumed present: refer to Special-Status Wildlife Measures Flow Chart implementation tool; implement **MM BIO-2a** (for species listed under ESA or CESA or fully protected under California Fish and Game Code) or **MM BIO-2b** (for non-listed wildlife species).
- Wildlife nursery sites detected during surveys for SPR BIO-10 (Implement MM BIO-5).

Other Wildlife Mitigation Measures and SPRs

- Within range of valley elderberry longhorn beetle and elderberry shrubs present (Implement MM BIO-2d).
- Within range of special-status butterflies and habitat present (Implement MM BIO-2e).
- Within range of special-status beetles, flies, grasshoppers, and snails and habitat present (Implement MM BIO-2f).
- Within range of special-status bumble bees and habitat present (Implement MM BIO-2g).
- Within range of bighorn sheep or pronghorn and habitat present (Implement MM BIO-2h).

Treatment Area:

Project:

- Habitat suitable for common bird species present (Implement **SPR BIO-12**).
- Significant impacts under CEQA would remain after implementation of **MM BIO-2a** or **MM BIO-2b**: Implement **MM BIO-2c**.

Special-Status Wildlife Implementation Notes:

Notes:

Section C. Sensitive Natural Communities, Oak Woodlands, Riparian Habitat, Chaparral, Coastal Sage Scrub (SPR BIO-3; SPR BIO-4; SPR BIO-5; MM BIO-3a; MM BIO-3b; MM BIO-3c)

APPLICABLE *NOT APPLICABLE*

Sensitive natural communities are those native plant communities defined by CDFW as having limited distribution statewide or within a county or region and that are often vulnerable to environmental effects of projects. In addition to habitats officially identified by CDFW as sensitive natural communities, other sensitive habitats include riparian habitats, oak woodlands, chaparral, and coastal sage scrub.

- Review PSA **Table _____** and **Table _____** for list of vegetation types mapped in the project area and list of potential sensitive natural communities in the project area.
- Verify vegetation types present in a specific treatment area (desktop or site visit).
- Refer to Sensitive Natural Communities and Oak Woodland Measures Flow Chart, Riparian Habitat Measure Flow Chart, and Chaparral and Coastal Sage Scrub Habitat Measures Flow Chart implementation tools.



It is possible that a treatment area would have no potential for sensitive natural communities or other sensitive habitats; however, this case would be uncommon. For example, sensitive natural communities and sensitive habitats could be ruled out in a treatment area with no riparian habitat or oak woodland and with relatively simple habitat characteristics and low heterogeneity. In most cases, implementation of SPR BIO-3 will be required.

- No potential for sensitive natural communities or other sensitive habitats in a specific treatment area: **proceed with treatment in compliance with other applicable measures.**
- Sensitive habitats potentially present (Refer to Sensitive Natural Communities and Oak Woodland Measures Flow Chart, Riparian Habitat Measure Flow Chart, and Chaparral and Coastal Sage Scrub Habitat Measures Flow Chart implementation tools; Implement **SPR BIO-3**).
- Conduct protocol-level surveys for sensitive natural communities and other sensitive habitats (SPR BIO-3).

After Implementation of SPR BIO-3 (Refer to Sensitive Natural Communities and Oak Woodland Measures Flow Chart, Riparian Habitat Measure Flow Chart, and Chaparral and Coastal Sage Scrub Habitat Measures Flow Chart implementation tools):

- No sensitive natural communities or other sensitive habitats present: **proceed with treatment in compliance with other applicable measures.**
- Sensitive natural communities present: Implement **MM BIO-3a** and **MM BIO-3b**.
- Oak woodlands present: Implement **MM BIO-3a**.
- Riparian habitat present: Implement **SPR BIO-4** and **MM BIO-3c**.
- Chaparral habitat present: Implement **SPR BIO-5**.
- Coastal sage scrub habitat present: Implement **SPR BIO-5**.

Sensitive Natural Communities and Other Sensitive Habitats Implementation Notes:

Notes:

Section D. Wetlands (MM BIO-4)

Wetlands (i.e., aquatic resources) are those that meet the definition of waters of the United States or waters of the state.

APPLICABLE *NOT APPLICABLE*

- Review PSA **Table** _____ for list of vegetation types mapped in the project area.
- Verify vegetation types present in a specific treatment area (desktop or site visit).



- No potential for wetlands in a specific treatment area: **no further mitigation required pursuant to MM BIO-4.**
(Refer to Wetland and Watercourses Measures Flow Chart implementation tool).
- Wetlands potentially present (Refer to Wetland and Watercourses Measures Flow Chart implementation tool; Implement **MM BIO-4**).
- Conduct wetland delineation of treatment area and implement wetland avoidance measures (**MM BIO-4**).

Wetland and Watercourses Implementation Notes:

Notes:

Pre-Implementation Checklist Notes

Notes: