

TRPA Revegetation Plan Template

Soil restoration and revegetation activities required as part of a Project's permitted conditions must submit a completed TRPA Revegetation Plan:

A. SITE DESCRIPTION

Information needed includes location, site conditions such as soil type and infiltration rate, land capability, vegetation types, extent of sun and shade, and presence of sensitive areas such as stream environment zones, rock outcroppings or backshore.

Project Address:

Assessor's Parcel Number (APN):

NRCS Soil Map Unit:

Max depth of Install:

KSat (in/hr):

Land Capability:

TRPA Permit Number:

Detailed Site Description:

B. PROJECT DESCRIPTION, GOALS, AND OBJECTIVES

This section describes the reasons why the revegetation project is being undertaken and what the project will achieve. Project goals and objectives should directly relate to the problem the project is intended to address, and depict issues that will continue or result if the project is not implemented. These goals will guide the selection of success criteria. While the BMP handbook generally focuses on revegetation for the purposes of erosion control, other project goals and objectives include restoring vegetative diversity, creating wildlife habitat, fulfilling scenic screening requirements, and providing water quality treatment.

C. PROJECT SCHEDULE

Provide a detailed schedule for each element of the plan.

D. SELECTION OF PLANT MATERIALS

Use the description of common Revegetation Site Types, Site Type Recommended Species List, Site Type Recommended Seed Mixes, and TRPA Approved Plant Species Attributes Table to guide the plant selection process for any Lake Tahoe Region revegetation project. Once selected, list plant materials in the plant materials table. Plant materials selected must be robust, free of disease and insect infestation, and have vigorous foliage and wood. Plant procurement should be from a reputable nursery and seed should be approved for purity, germination, and being weed free.

(d) SOIL LOOSENING

Describe physical activities required to restore infiltration capacity and aeration to compacted soil areas.

(e) SOIL AMENDMENTS/FERTILIZER

Describe the type, quantity, and application rate of any soil amendments or fertilizers used to improve physical, chemical, or biological properties of the soil.

(f) WEED CONTROL

Describe measures necessary to eradicate and/or prevent the spread of weeds onsite. Provisions should include the method, frequency, and extent of weed control activities. List noxious weeds potentially susceptible for the project area and train staff to identify and remove them before they can produce viable seed. More information on weed identification and prevention can be found at the Lake Tahoe Basin Weed Coordinating Group website: www.tahoeinvasiveweeds.org.

4. Installation of Plant Materials

Describe installation methods and provide a plan to scale depicting density, arrangement, and locations of plant materials used. Proper handling and storage of plant materials should also be addressed here. Plant materials may include transplants of existing plants salvaged during the site preparation process, containers of trees, shrubs, and herbaceous plants, as well as seed selected from the Site Type Recommended Species List, Site Type Recommended Seed Mixes, and TRPA Approved Plant Species Attributes Table.

5. Irrigation

Provide a description of the extent and irrigation methods necessary for vegetation establishment. Methods can include hand watering to spray and bubbler irrigation systems. Outline system components, timing (including timing of removal, if applicable), application rates, and any maintenance needs to ensure systems are operational and effective.

6. Soil Stabilization

Describe soil stabilization practices, which may include reapplication of salvaged duff material collected and stored during the site preparation process, bare soil protection using inorganic and organic mulch, and use of tackifiers, soil binders, and hydromulch.

F. REVEGETATION MAINTENANCE

List maintenance requirements necessary for vegetation establishment, such as weeding, pruning, watering, replacing dead plant material, and removing trash and debris. Maintenance provision should include any adjustments needed to the irrigation system and reapplication of mulches and amendments as needed. Incorporate any long-term soil and vegetation maintenance activities into the BMP Inspection and Maintenance Plan, described in Chapter 6 – Inspection, Maintenance, and Monitoring.

G. SUCCESS CRITERIA AND PROJECT CONCLUSION

This section describes the vegetation that would result from successful project implementation and includes a description of a reference plant community or other standard used and the rationale

for choosing this reference community or standard. Success criteria must reflect project goals and objectives and state the desired condition of the revegetated site. Criteria may include attributes such as percent vegetative cover, soil surface cover, plant survival, soil penetrability, and absence of any visual signs of rills or erosion.

Additional items needed to conclude the project may include as-built drawings, clean up provisions, and scheduling final inspections to evaluate performance standards.

During the final inspection, inspectors will use the criteria listed in the approved Revegetation Plan in addition to visual assessments of vegetation establishment to determine project success. Please note that establishment of vegetation generally takes between two and three complete (May – September) growing seasons.