# General Land Use Application

**1 page**

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|---|---|
| **Name of Project:** | Tickle Creek Restoration Project |
| **Location or Address:** | Tickle Creek Greenspace |

| **Map & Tax Lot #** | **T:** | **R:** | **Section:** | **Tax Lot (s):** |
|---|---|---|---|---|
| | 02S | 04E | 13 & 14 | Multiple |

**Request:** The purpose of this project is to improve riparian health and protect water quality along a section of Tickle Creek between 362nd Avenue and nearly Hwy 211. The project has three components: control non-native vegetation by mechanica chemical treatments; install site-appropriate native plants; and mitigate soil compaction and erosion from off-trail disturbance. Work is expected to occur between October 2023 and October 2026.

I am the (check one) ☐ owner ☐ lessee of the property listed above, and the statements and information contained herein are in all respects true, complete and correct to the best of my knowledge and belief.

| Applicant (if different than owner) | Owner |
|---|---|
| Eric Butler, Clackamas River Basin Council | City of Sandy |
| Address PO Box 1869 | Address 39250 Pioneer Blvd |
| City/State/Zip Clackamas, OR 97015 | City/State/Zip Sandy, OR 97055 |
| Email eric@clackamasriver.org | Email trundell@ci.sandy.or.us |
| Phone 503-303-4372 x104 | Phone 503-709-5364 |
| Signature | Signature |

Staff Use Only

| File #: | Date: | Fee$: | Planner: |
|---|---|---|---|
| Type of review: Type I ☐ | Type II ☐ | Type III ☐ | Type IV ☐ |
| Has applicant attended a pre-app? Yes ☐ | No ☐ | If yes, date of pre-app meeting: | |

# Clackamas River Basin Council

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503.303.4372 FAX 503.303.5176


Tickle Creek Restoration Project FSH Overlay Permit Documentation

Explanation of Intent

The intent of the Tickle Creek Restoration Project is to improve riparian health and protect water quality along a section of the Tickle Creek Stream Corridor between 362nd Ave to nearly Hwy 211 in Sandy. This section of Tickle Creek is about two miles upstream from Sandy's Wastewater Treatment Plant. The 1.8 mile Tickle Creek Trail travels along parts of this corridor and was built in 2010. The stream corridor is largely surrounded by residential development (see map).

This project is a Supplemental Environmental Project as part of the terms of *United States, et al. v. City of Sandy, Oregon* (case 90-5-1-1-12501).

The project has three goals: reduce non-native plants in the riparian corridor; increase native plants, particularly shade-providing conifers, hardwoods, and shrubs; and mitigate erosion and soil compaction from off-trail disturbance. All goals can be achieved within the parameters of a Type I Procedure per Sandy Municipal Code Section 17.60.40, as detailed below.

Statement of Code Compliance

The project consists of the following Type I Procedure uses: 1) planting of native plant species, and 3) removal of non-native/invasive vegetation. Some temporary erosion control using biodegradable landscape materials may be implemented on certain vulnerable stream banks to stabilize the ground until installed native vegetation establishes. Mitigation of off-trail activity will consist of strategic placement of plants and woody debris to prevent or deter access to impacted areas and to facilitate natural soil recovery.

No earth movement or construction are planned for this project.

Site and Landscape Plan

CRBC, and its contractors and volunteers, will target the following noxious weeds: Norway maple (*Acer platanoides*), bindweed (*Calystegia sepium*), ivy (*Hedera* spp.), English holly (*Ilex aquifolium*), laurel (*Prunus laurocerasus* and *P. lusitanica*), and Armenian blackberry (*Rubus armeniacus*). Noxious weeds will be controlled using a combination of mechanical and chemical treatments to minimize the need for herbicide while maintaining a reasonable timeline for project completion.

We will install up to 18,500 bare-root native trees, shrubs, and herbaceous perennials, supplemented with native herbaceous plant seed, wherever necessary to re-establish native vegetation following noxious weed removal. While exact numbers will be determined as site preparation progresses, and species selection will depend on nursery availability, the following woody species are recommended based on existing vegetation and site conditions:

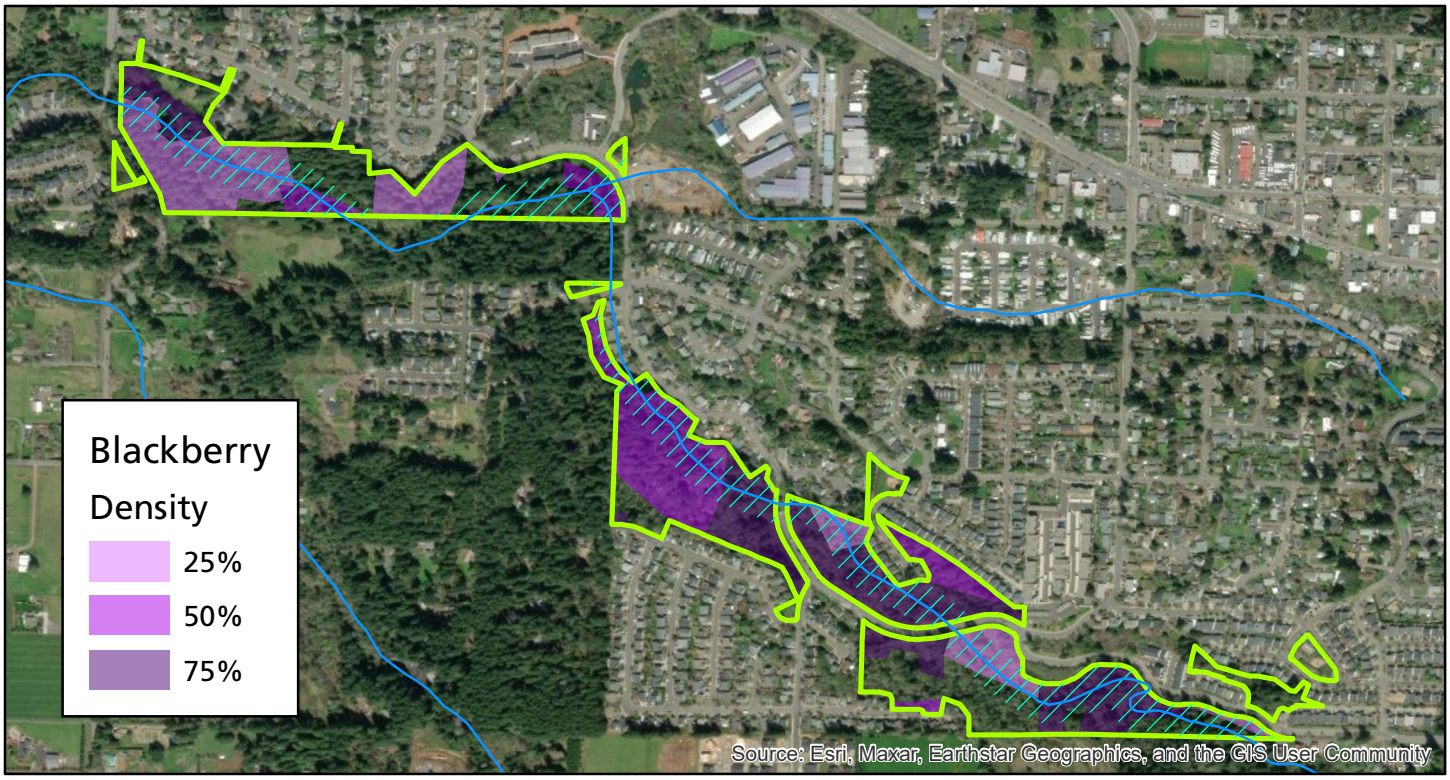
- Trees:
  - Bigleaf maple (*Acer macrophyllum*)
  - Red alder (*Alnus rubra*)
  - Cascara (*Frangula purshiana*)
  - Bitter cherry (*Prunus emarginata*)
  - Douglas fir (*Pseudotsuga menziesii*)
  - Pacific willow (*Salix lasiandra*)
  - Western hemlock (*Tsuga heterophylla*)
- Shrubs:
  - Cine maple (*Acer circinatum*)
  - Tall Oregon-grape (*Berberis aquifolium*)
  - Longleaf Oregon-grape (*Berberis nervosa*)
  - Red-osier dogwood (*Cornus sericea*)

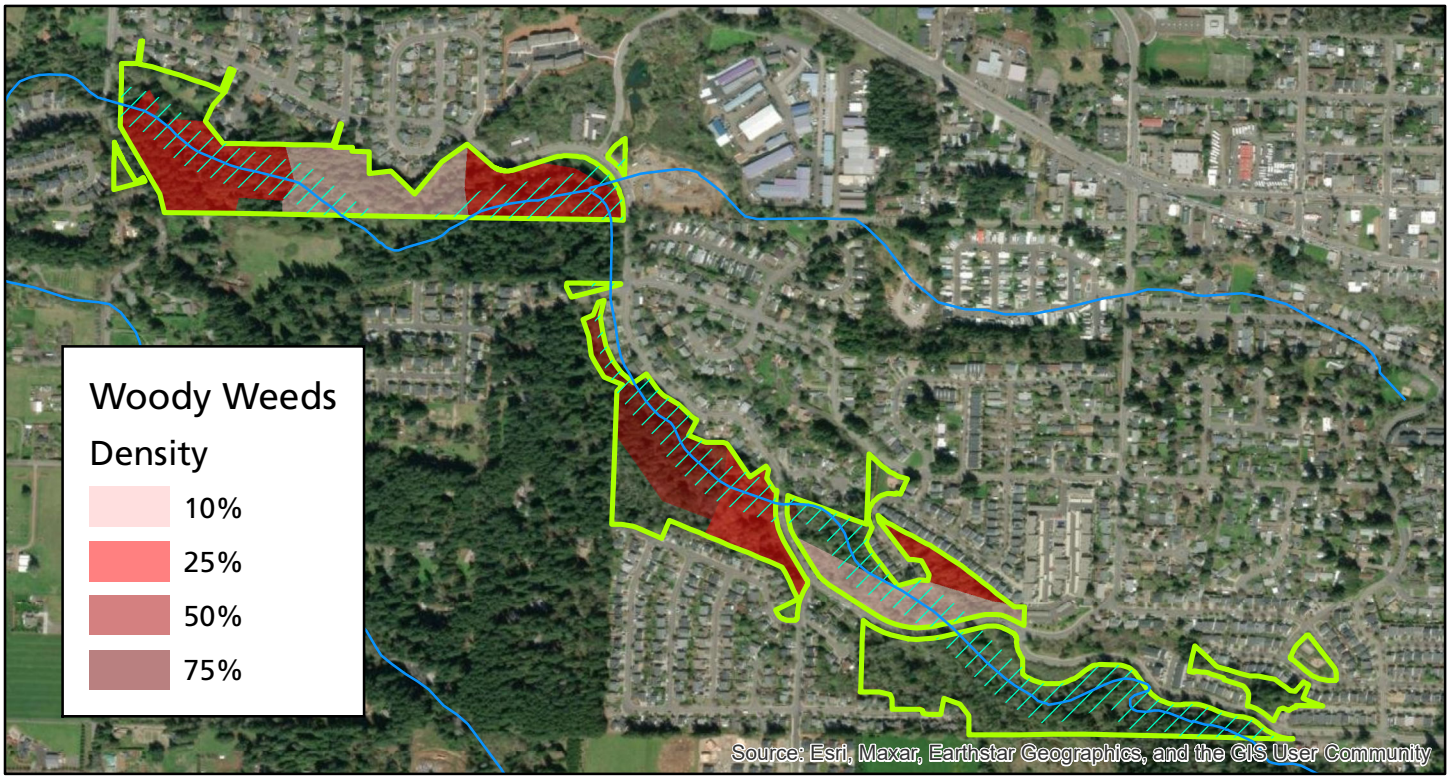
    - Beaked hazel (*Corylus cornuta*)
    - Western wahoo (*Euonymus occidentalis*)
    - Salal (*Gaultheria shallon*)
    - Oceanspray (*Holodiscus discolor*)
    - Osoberry (*Oemleria cerasiformis*)
    - Pacific ninebark (*Physocarpus capitatus*)
    - Stink currant (*Ribes bracteosum*)
    - Black gooseberry (*Ribes lacustre*)
    - Nootka rose (*Rosa nutkana*)
    - Thimbleberry (*Rubus parviflorus*)
    - Salmonberry (*Rubus spectabilis*)
    - Douglas spirea (*Spiraea douglasii*)
    - Snowberry (*Symphoricarpos albus*)
    - Red huckleberry (*Vaccinium parviflorum*)
- Herbaceous species:
    - Wild ginger (*Asarum caudatum*)
    - Lady fern (*Athyrium filix-femina*)
    - Slough sedge (*Carex obnupta*)
    - Enchanter's-nightshade (*Circaea elata*)
    - Pacific waterleaf (*Hydrophyllum tenuipes*)
    - Woodrush (*Luzula multiflora*)
    - False Solomon's seal (*Maianthemum racemosum*)
    - Wood sorrel (*Oxalis* spp.)
    - Sword fern (*Polystichum munitum*)
    - Fringecup (*Tellima grandiflora*)
    - Western meadowrue (*Thalictrum occidentale*)
    - Piggyback plant (*Tolmiea menziesii*)
    - Western trillium (*Trillium ovatum*)
    - Inside-out flower (*Vancouveria hexandra*)
    - Yellow wood violet (*Viola glabella*)

Woody material removed during noxious weed management will be broken up and/or chipped and dispersed into off-trail activity areas as necessary.

# Tickle Creek Corridor
# Noxious Weed Management

Clackamas River Basin Council




0 625 1,250 2,500 Feet

100' riparian buffer

N