

**Project Name** | Oak Glen Golf Course Streambank Repair Project**Date** | 02/3/2026**To / Contact info** | BCWD Board of Managers**Cc / Contact info** | Karen Kill, District Administrator**From / Contact info** | Mike Majeski, Dan Mossing, P.E.**Regarding** | Project Background & Scope of Work

## Background

During a creek inspection through the Oak Glen golf course in the fall of 2025, EOR identified six bank erosion sites downstream of McKusick Road (Figure 1). Following a field meeting with watershed, golf course, and DNR staff, EOR presented an approach to protect the eroding streambanks utilizing existing woody invasive species located within the creek buffer through the golf course. The banks would be protected using brush bundles comprised of hand-cut trunks and branches that would be inserted into the creek banks and anchored with wood stakes as needed. EOR has used this approach on other small-scale creek projects with success, and the DNR hydrologist approved of this method. In addition, this approach fits under the DNR's "no-permit-required criteria for bank or shoreline zone restoration work" and thus will not require a public waters work permit.

After initial outreach with DNR staff, EOR met with BCWD and Washington Conservation District (WCD) staff to discuss whether the project could be implemented by WCD field crews. The WCD indicated they could assemble a minimum four-person crew to complete the project.

The purpose of this memo is to provide a scope of services to coordinate project logistics with WCD and golf course staff and provide construction oversight of the bank repair work.

## Scope of Services

### *Streambank Repair Coordination & Implementation*

The streambanks to repair measure between 15-40 linear feet long, with the total length of bank repair estimated at 170 linear feet between all six sites. It was estimated that a total of 20 brush bundles will need to be installed for the project, and there is sufficient woody invasive material within the creek buffer to create the brush bundles. EOR will coordinate with WCD and golf course staff to harvest the woody material and preposition the brush within the buffer area. Installation of the brush bundles will be completed in the spring of 2026 after the DNR's winter stream work exclusion dates end (September 1 – April 1).

Following implementation of the project, EOR will draft a site maintenance plan which is required to be submitted to DNR fisheries staff to outline an approach for monitoring the brush bundles and managing woody invasive species within the creek buffer.



Figure 1. Proposed Brown's Creek bank repair sites (red lines) along the Oak Glen golf course.

## Cost Estimate

Table 1 summarizes the tasks and estimated hours to complete the project.

**Table 1. Cost estimate for the Oak Glen golf course streambank repair project.**

TASK	EOR HOURS	ESTIMATED COST*
1. Project Coordination	3	\$654
2. Bank Repair Oversight of WCD Staff (estimated 3 days for WCD to install the brush bundles)	8	\$1,744
3. Post Project Inspection & Draft Maintenance Plan to DNR	5	\$1,090
<b>TOTAL</b>	<b>16</b>	<b>\$3,488</b>

\*includes mileage and expenses.

## Board Action

1. Approve Tasks 1-3 for \$3,488 from account 947-0022 to advance coordination and implementation of the streambank repair project.