

State of Alaska DNR Development Plan

Date: 5/15/2024

Project Name: 3879 Killewich Dr Bank Stabilization Reconstruction/Repairs
Project Address: 3879 Killewich Dr
Juneau, AK 99801

Applicant Info:



Plan Preparer:

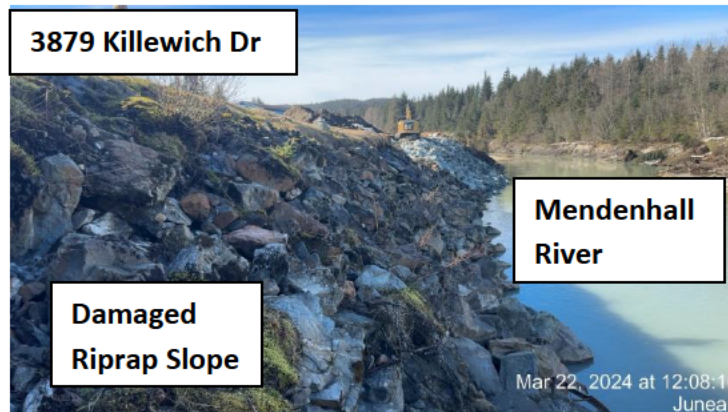


Figure 1 – Looking from the adjacent property at 3883 Killewich Dr towards 3879 Killewich Dr.

Project Description:

This project will install riprap as an emergency stream bank repair and stabilization measure at 3879 Killewich Dr on the Mendenhall River. The riprap will provide a permanent structure to help prevent and control the process of erosion, minimizing the potential for further loss of private property. Equipment will access the work area by crossing residential property from adjoining public streets. Equipment will primarily work from the existing riverbank, minimizing to the greatest extent possible the disturbance of existing ground below the ordinary high-water mark. Specific details about the proposed improvements can be found in the attached Professional Engineer sealed plans.

Legal Description:

SMITH PARK VI BL A LT 12

Terrain/Ground Cover:

The existing terrain/ground cover consists of a gently sloping maintained lawn with a riverside buffer of shrubs, brush, and mosses. There is a lower slope, a bench, and an upper slope on the riverbank. The existing stream bank at this location has undergone recent erosion at the toe of the lower bank, which has begun to undercut the existing vegetation. This project will remove only the portions of existing vegetation and stream bank necessary for the installation of rip rap for erosion control and protection per the attached Professional Engineer sealed plans.



State of Alaska DNR Development Plan

Date: 5/15/2024

Access:

The project is on private and DNR property and is not intended to be accessed by the public. The public does not have a need to access the bank stabilization itself. During construction the contractor will access the site from Killewich Dr a public street directly behind the property.

Buildings and Other Structures:

There will be no buildings or temporary structures constructed by this project. The only permanent structure will be rip rap for stream bank erosion control and prevention.

Power Source(s):

A power source is not required for this project.

Waste Types/Sources/Disposal Methods:

No waste is expected on this riprap reconstruction/repair project. Existing riprap will be redistricted on the slope, but no material will be removed from the site.

Hazardous Substances:

Long-term, there are no hazardous substances proposed by, or that will result from, this project and its' improvements. During construction, hazardous substances will be present in the form of diesel fuel, motor oil, and hydraulic oil used by construction equipment and stored in onboard tanks. It is the responsibility of the chosen contractor to ensure an adequate spill prevision, control, and countermeasures (SPCC) plan is in place while work is being performed. The contractor will also be responsible for the reporting and cleanup of spills, leaks, and drips from construction equipment.

Water Supply:

A water supply is not required for this project and there will be no disposal of wastewater at the site.

Parking and Storage Areas:

There will be no long-term parking or storage areas developed as part of this project. Short-term, any equipment used during construction will be parked on private property outside of the proposed easement. It is not anticipated that materials will be stored on site due to the size of the residential lot.

Number of People Using the Site:

It is estimated that the contractor will employ a single superintendent/project supervisor, who in turn will lead 1-3 laborers/operators during construction of the project. There will be no 'clients' using the site, nor any long-term employees associated with the project.

Maintenance and Operations:

There are no long-term maintenance and operations activities planned for this project, as the improvements will result in a permanent rip rap stabilized stream bank.



2201 Dunn Street, Suite 2 | Juneau, AK 99801 | 907-780-4004 | solutions@proHNS.com
219 Main Street #13 | Haines, AK 99827 | 907-419-6070 | www.proHNS.com

State of Alaska DNR Development Plan

Date: 5/15/2024

Closure/Reclamation Plan:

This project does not require a Closure/Reclamation Plan.