

APPENDIX E.3.7

FENCE PLAN

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Introduction

The lands within the boundary of the Enloe Hydroelectric Project (FERC Project No. 12569) on the Similkameen River (Project Area) and adjacent lands are currently not fenced. Cattle have free access to the river wherever the topography allows. In order to protect riparian/wetland mitigation sites for the project from grazing and trampling damage while mitigation plantings are establishing, livestock fencing is proposed for most of the eastern side of the Project Area along the Similkameen River between Enloe Dam and Shanker's Bend (Figure 1). An additional security/safety fence section is proposed for the landward side of the new powerhouse, its intake at the dam, and the race between the intake and the powerhouse.

Fence Description

The proposed livestock fence would comply with BLM wildlife fence standards for Type "A" fence. Type A fence consists of no more than four horizontal, well-stretched, evenly spaced wires, placed so that the top wire is no more than 42 inches above the ground and the bottom wire is at least 17 inches from the ground. All other wires are at evenly-spaced intervals no less than eight inches, 16 inches, and 24 inches below the top wire. If posts must be set more than 16 feet apart, the wires will be supported by stays, placed not more than 8 feet from each other or from the posts. For this project, the wires will be smooth wire, not barbed wire.

One cattleguard will be installed near the center of the fenceline, where the line crosses an unpaved access road. A gate will be installed near the dam. Both of these structures will provide public access to the eastern shore of the Similkameen River.

The security/safety fence will be installed on the river side of the livestock fence at the eastern end of Enloe dam (Figure 1). This fence will be a more substantial fence of chain link or similar panels, similar to those described for BLM Type "B" fencing. Additional components may be included to prevent unauthorized human access to the project facilities.

Conceptual Plan

In the event that it becomes necessary to control livestock access to the western side of the Similkameen River in the Project Area, similar fencing would be installed. Depending on the configuration of the fence, a water gap feature could be included in

the fence. Alternatively, a livestock watering trough or troughs could be installed on the upland side of the fence.

Maintenance

Inspection of the livestock and security fences will be conducted routinely by District staff or contractors. Maintenance will be conducted when necessary to preserve the integrity of the fences.

[App E.3.7 – Figure 1 Fence Map]

