

<b>Ecological Site Description ID:</b>	R222XY324AK
<b>Ecological Dynamics of the Site:</b>	
<p>This is a high-gradient, mountain-confined flood plain surrounding a moderate to very steep, deeply entrenched, debris transport stream. The ecological dynamics of this site are driven by high energy floods and high sediment supply due to the steep channel slopes. The late sere vegetation on these steep slopes is a Sitka alder (<i>Alnus viridis ssp. sinuata</i>) shrub community. The mid successional flood plain community is comprised of bare soil with gravel, cobbles, and boulders and approximately 30 percent vegetation cover of species such as dwarf fireweed (<i>Chamerion latifolium</i>). Over time without flooding, it is expected that few <i>Populous balsamifera</i> trees may begin to establish; however, this was not observed in the field.</p>	
<b>State and Transition Model:</b>	
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Maritime Scrub Gravelly Floodplain,      R231XY324AK Mountain Confined</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>1. Reference State</p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%; text-align: center;"> <p>Community Phase 1.1 (2AL)</p> </div> <div style="display: flex; justify-content: center; align-items: center; margin: 5px 0;"> <div style="text-align: center; margin-right: 10px;">↓ 1.1A</div> <div style="text-align: center; margin-left: 10px;">↑ 1.2A</div> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%; text-align: center;"> <p>Community Phase 1.2 (2AM) Open Forb Community</p> </div> </div> </div>	

<b>State ID Number:</b>	1	<b>State Name:</b>	Reference state
<b>Phase 1.1</b>			
<b>Community Phase Number:</b>	1.1	<b>Community Phase Name:</b>	Alder Shrub Community
<b>Community Phase Narrative:</b>			
<p>This is the late sere community following flooding. The shrub community is dominantly Sitka alder (<i>Alnus viridis ssp. sinuata</i>), which makes up as much as 80 percent cover.</p>			
<b>Community Pathways</b>			
<b>Pathway Number</b>	<b>Pathway Name &amp; Description</b>		
1.1A	High-velocity flood		

<p><b>Phase 1.2</b></p>			
		<p><b>Community Phase Number:</b></p>	<p>1.2</p>
<p><b>Community Phase Narrative:</b></p>			
<p>Following a high-intensity flood, dwarf fireweed (<i>Chamerion latifolium</i>) and <i>Alnus viridis ssp. sinuata</i> may begin to emerge to produce a sparse early successional community. Vegetation cover may be as much as 30 percent with exposed bare soil and surface rock. Lichen and moss commonly cover the surface rock.</p>			
<p><b>Community Pathways</b></p>			
<p><b>Pathway Number</b></p>	<p><b>Pathway Name &amp; Description</b></p>		
<p>1.2A</p>	<p>Time since a flood</p>		