

Ecological Site Description ID:	R231XY126AK											
Ecological Dynamics of the Site:												
<p>This boreal ecological site occurred on alluvial bars directly adjacent to rivers that receive intense and frequent flooding. This ecological site was observed directly adjacent to the Yukon River and many of its secondary tributaries. The majority of sampled plots had minimal vegetation with ample amounts of exposed soil and gravel. For community phase 1.1, soils were classified as cryorthents and were composed of sandy and/or gravelly alluvium.</p>												
State and Transition Diagram:												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">1.0</td> <td style="width: 45%;">Reference State</td> <td style="width: 30%;">Boreal gravelly floodplain non-vegetated</td> <td style="width: 10%; text-align: right;">R231XY126AK</td> </tr> <tr> <td colspan="4" style="text-align: center;"> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td style="text-align: center;"> 1.1 (HCPC) Willow-mixed forb herbaceous community </td> </tr> </table> </td> </tr> </table>				1.0	Reference State	Boreal gravelly floodplain non-vegetated	R231XY126AK	<table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td style="text-align: center;"> 1.1 (HCPC) Willow-mixed forb herbaceous community </td> </tr> </table>				1.1 (HCPC) Willow-mixed forb herbaceous community
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State ID Number:	1	State Name:	Reference									
State Narrative:	<p>Tall trees are defined as growing >40' in height, medium trees are defined as growing 15-40' in height, while stunted and regenerative trees are defined as growing less than 15' in height. Tall shrubs are defined as growing >10' in height, medium shrubs are defined as growing 3-10' in height, low shrubs are defined to grow 8" – 3' in height, and dwarf shrubs are defined to grow less than 8" in height.</p>											

Photo 1.1



Community Phase Number:

1.1

Community Phase Name:

Willow-Mixed Forb Herbaceous Community

Community Phase Narrative:

Total vegetative cover was ~10% of sampled plots in alluvial bar and was primarily composed of a mixture of willow and forb species. Scrubs primarily occurred in the low and dwarf stratum (total cover ~5%) and common species included *Salix interior* and *Salix alaxensis*. While forb cover was minimal (~5%) species diversity was high (often > 10 species per plot). Commonly observed forbs included *Chamerion latifolium*, *Equisetum pratense*, *Eurybia sibirica*, *Artemisia tilesii*, *Achillea millefolium*, and *Hedysarum alpinum*.

Community Pathways

Pathway Number

Pathway Name & Description

1.1 a

No observed pathway.