

Appendix A

**West Maury DEIS
Biological Evaluation for Sensitive Species
and
Biological Assessment for Listed Species**

Summary of Effects

Species:	Listing	Alt. 1	Alt. 2	Alt. 3	Alt. 4
Aquatic Species					
Redband trout	Sensitive	NI	MIIH	MIIH	MIIH
Bull trout	Threatened	NE	NE	NE	NE
Mid-Columbia River steelhead	Threatened	NE	NE	NE	NE
Malheur mottled sculpin	Sensitive	NI	NI	NI	NI
Mid-Columbia River spring chinook salmon Essential Fish Habitat	Sensitive	NI	NI	NI	NI
Mid-Columbia River spring chinook salmon	Sensitive	NI	NI	NI	NI
Westslope cutthroat trout	Sensitive	NI	NI	NI	NI
Columbia spotted frog	Sensitive	NI	MIIH	MIIH	MIIH
Wildlife Species					
Northern bald eagle	Threatened	NE	NLAA	NLAA	NLAA
Canada lynx	Threatened	NLAA	NLAA	NLAA	NLAA
Peregrine falcon	Sensitive	NI	NI	NI	NI
Tri-colored blackbird	Sensitive	NI	NI	NI	NI
Bufflehead	Sensitive	NI	MIIH	MIIH	MIIH
Upland sandpiper	Sensitive	NI	NI	NI	NI
Pygmy rabbit	Sensitive	NI	NI	NI	NI
Gray Flycatcher	Sensitive	NI	MIIH	MIIH	MIIH
California wolverine	Sensitive	NI	MIIH	MIIH	MIIH
Western sage grouse	Sensitive	NI	NI	NI	NI
Botanical Species					
<i>Achnatherum hendersonii</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Achnatherum wallowaensis</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Artemisia ludoviciana</i> ssp. <i>estesii</i>	Sensitive	NI	NI	NI	NI
<i>Astragalus diaphanus</i> var. <i>diurnus</i>	Sensitive	NI	NI	NI	NI
<i>Astragalus peckii</i>	Sensitive	NI	NI	NI	NI
<i>Astragalus tegetariooides</i>	Sensitive	NI	NI	NI	NI
<i>Botrychium ascendens</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Botrychium crenulatum</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Botrychium minganense</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Botrychium montanum</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Botrychium paradoxum</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Botrychium pinnatum</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	Sensitive	NI	NI	NI	NI
<i>Calochortus longebarbatus</i> var. <i>peckii</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Camassia pygmaea</i>	Sensitive	NI	NI	NI	NI
<i>Carex backii</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Carex hystericina</i>	Sensitive	NI	MIIH	MIIH	MIIH

Species:	Listing	Alt. 1	Alt. 2	Alt. 3	Alt. 4
<i>Carex interior</i>	Sensitive	NI	MIIH	MIIH	MIIH
<i>Carex stenophylla (C. eleocharis)</i>	Sensitive	NI	NI	NI	NI
<i>Cypripedium parviflorum</i>	Sensitive	NI	NI	NI	NI
<i>Lomatium ochocense</i>	Sensitive	NI	NI	NI	NI
<i>Mimulus evanescens</i>	Sensitive	NI	NI	NI	NI
<i>Penstemon peckii</i>	Sensitive	NI	NI	NI	NI
<i>Rorippa columbiae</i>	Sensitive	NI	NI	NI	NI
<i>Thelypodium eucosmum</i>	Sensitive	NI	NI	NI	NI
<i>Thelypodium howellii</i>	Sensitive	NI	NI	NI	NI

Determination for Federally Listed Species:

- NE no effect
 LAA may effect - likely to adversely affect
 NLAA may effect - not likely to adversely affect
 BE beneficial effect

Determination for Sensitive Species:

- NI no impact
 MIIH may impact individuals or habitat, but will not likely contribute to a trend towards federal listing or loss of viability to the population or species
 WIFV* will impact individuals or habitat with a consequence that the action may contribute to a trend towards federal listing or cause a loss of viability to the population or species
 BI beneficial impact

* **Trigger for a Significant Action as defined in NEPA**

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