

Malheur Limiting Factors Summary

Attachment B

Watershed	Upland Precipitation and Storage		Terrestrial / Upland Habitats			
	Soil Erosion	Roads and Impervious Surfaces	Habitat Fragmentation / Connectivity	Altered Disturbance Regime	Habitat Loss	Invasive Terrestrial Species
1705011601: Upper Malheur River	Low Impact	Impact Undocumented	High Impact	High Impact	High Impact	Impact Undocumented
1705011602: Wolf Creek	High Impact	High Impact	High Impact	High Impact	High Impact	High Impact
1705011603: Pine Creek	High Impact	High Impact	High Impact	High Impact	High Impact	High Impact
1705011604: Stinkingwater Creek	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	Impact Undocumented
1705011605: Upper Malheur R.-Griffin Creek	High Impact	Impact Undocumented	High Impact	High Impact	Impact Undocumented	Impact Undocumented
1705011606: Otis Creek	Low Impact	Impact Undocumented	High Impact	High Impact	Impact Undocumented	Impact Undocumented
1705011607: Upper Malheur R.-Warm Springs Res.	Not Rated	Not Rated	High Impact	High Impact	Impact Undocumented	Impact Undocumented
1705011608: Upper South Fork Malheur R.	Moderate Impact	Impact Undocumented	High Impact	Moderate Impact	High Impact	High Impact
1705011609: Crane Creek	High Impact	Impact Undocumented	High Impact	Moderate Impact	High Impact	High Impact
1705011610: Lower South Fork Malheur R.	Moderate Impact	Impact Undocumented	High Impact	Moderate Impact	Moderate Impact	High Impact
1705011611: Upper North Fork Malheur R.	Low Impact	Impact Undocumented	Moderate Impact	Moderate Impact	High Impact	Moderate Impact
1705011612: Little Malheur R.	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	Moderate Impact
1705011613: Lower North Fork Malheur R.	High Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	Moderate Impact
1705011614: Upper Malheur R.-Juniper Basin Creek	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011701: Lower Malheur R.-Hunter Creek	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011702: Lower Malheur R.-Hog Creek	High Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011703: Cottonwood Creek	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011704: Lower Malheur R.-Little Sandy Res.	High Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011705: Sand Hollow Creek	Impact Undocumented	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011706: Lower Malheur R.-Johnston Gulch Res.	High Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011801: Upper Bully Creek	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011802: Clover Creek	Moderate Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011803: Lower Bully Creek	High Impact	Impact Undocumented	Moderate Impact	High Impact	Moderate Impact	High Impact
1705011901: South Willow Creek	Moderate Impact	Impact Undocumented	High Impact	High Impact	High Impact	Moderate Impact
1705011902: Upper Willow Creek	Moderate Impact	Impact Undocumented	High Impact	High Impact	High Impact	Moderate Impact
1705011903: Cow Creek	Impact Undocumented	Impact Undocumented	High Impact	High Impact	High Impact	Moderate Impact
1705011904: Middle Willow Creek	Moderate Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011905: West Tub Mountain Res.	Impact Undocumented	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011906: Lower Willow Creek	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact

Malheur Limiting Factors Summary

Watershed	Aquatic / Channel Habitats						
	Habitat Fragmentation / Connectivity / Fish Passage	Altered Disturbance Regime	Changes in Species Composition	Invasive Aquatic Species	Altered Habitat Complexity	Inputs of Bacteria	Altered Thermal Regime
1705011601: Upper Malheur River	Low Impact	Low Impact	High Impact	High Impact	Low Impact	Impact Undocumented	Moderate Impact
1705011602: Wolf Creek	Low Impact	Moderate Impact	Low Impact	Moderate Impact	Moderate Impact	Impact Undocumented	High Impact
1705011603: Pine Creek	Low Impact	Moderate Impact	Low Impact	Moderate Impact	Moderate Impact	Impact Undocumented	High Impact
1705011604: Stinkingwater Creek	High Impact	High Impact	Low Impact	Moderate Impact	High Impact	Impact Undocumented	High Impact
1705011605: Upper Malheur R.-Griffin Creek	High Impact	High Impact	Low Impact	Moderate Impact	High Impact	Impact Undocumented	High Impact
1705011606: Otis Creek	High Impact	High Impact	Low Impact	Moderate Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011607: Upper Malheur R.-Warm Springs Res.	High Impact	Not Rated	Moderate Impact	Moderate Impact	Not Rated	Not Rated	Not Rated
1705011608: Upper South Fork Malheur R.	No Impact	Moderate Impact	Low Impact	Impact Undocumented	Low Impact	Impact Undocumented	Low Impact
1705011609: Crane Creek	Moderate Impact	Low Impact	Low Impact	Impact Undocumented	High Impact	Impact Undocumented	Moderate Impact
1705011610: Lower South Fork Malheur R.	Low Impact	Low Impact	Low Impact	Impact Undocumented	High Impact	Impact Undocumented	Moderate Impact
1705011611: Upper North Fork Malheur R.	No Impact	Low Impact	Low Impact	Low Impact	Low Impact	Impact Undocumented	Low Impact
1705011612: Little Malheur R.	Moderate Impact	Moderate Impact	Moderate Impact	Low Impact	Moderate Impact	Impact Undocumented	High Impact
1705011613: Lower North Fork Malheur R.	High Impact	High Impact	High Impact	Low Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011614: Upper Malheur R.-Juniper Basin Creek	High Impact	High Impact	Impact Undocumented	High Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011701: Lower Malheur R.-Hunter Creek	High Impact	High Impact	Impact Undocumented	High Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011702: Lower Malheur R.-Hog Creek	High Impact	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011703: Cottonwood Creek	No Impact	Moderate Impact	Impact Undocumented	High Impact	High Impact	Impact Undocumented	High Impact
1705011704: Lower Malheur R.-Little Sandy Res.	High Impact	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011705: Sand Hollow Creek	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented
1705011706: Lower Malheur R.-Johnston Gulch Res.	High Impact	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011801: Upper Bully Creek	No Impact	Moderate Impact	Impact Undocumented	High Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011802: Clover Creek	Low Impact	Moderate Impact	Impact Undocumented	High Impact	Moderate Impact	Impact Undocumented	Low Impact
1705011803: Lower Bully Creek	No Impact	High Impact	Impact Undocumented	High Impact	High Impact	High Impact	High Impact
1705011901: South Willow Creek	Low Impact	Moderate Impact	Impact Undocumented	High Impact	Moderate Impact	Impact Undocumented	Moderate Impact
1705011902: Upper Willow Creek	No Impact	Moderate Impact	Impact Undocumented	High Impact	Low Impact	Impact Undocumented	Moderate Impact
1705011903: Cow Creek	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented
1705011904: Middle Willow Creek	Low Impact	Moderate Impact	Impact Undocumented	High Impact	Low Impact	Impact Undocumented	High Impact
1705011905: West Tub Mountain Res.	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented
1705011906: Lower Willow Creek	Low Impact	High Impact	Impact Undocumented	High Impact	High Impact	Moderate Impact	High Impact

Malheur Limiting Factors Summary

Watershed	Riparian / Floodplain Habitats			
	Habitat Fragmentation / Connectivity	Loss of Shade / Cover	Altered Habitat Structure	Invasive Species
1705011601: Upper Malheur River	High Impact	High Impact	Low Impact	Impact Undocumented
1705011602: Wolf Creek	Low Impact	High Impact	Low Impact	High Impact
1705011603: Pine Creek	High Impact	High Impact	Low Impact	High Impact
1705011604: Stinkingwater Creek	High Impact	High Impact	Low Impact	Impact Undocumented
1705011605: Upper Malheur R.-Griffin Creek	High Impact	High Impact	High Impact	Impact Undocumented
1705011606: Otis Creek	Moderate Impact	Moderate Impact	Moderate Impact	Impact Undocumented
1705011607: Upper Malheur R.-Warm Springs Res.	Not Rated	Not Rated	Not Rated	Impact Undocumented
1705011608: Upper South Fork Malheur R.	High Impact	Moderate Impact	Low Impact	High Impact
1705011609: Crane Creek	High Impact	Moderate Impact	Low Impact	High Impact
1705011610: Lower South Fork Malheur R.	High Impact	Moderate Impact	Moderate Impact	High Impact
1705011611: Upper North Fork Malheur R.	Moderate Impact	Moderate Impact	Low Impact	Moderate Impact
1705011612: Little Malheur R.	High Impact	High Impact	Low Impact	Moderate Impact
1705011613: Lower North Fork Malheur R.	High Impact	High Impact	High Impact	Moderate Impact
1705011614: Upper Malheur R.-Juniper Basin Creek	Moderate Impact	Moderate Impact	High Impact	Moderate Impact
1705011701: Lower Malheur R.-Hunter Creek	Moderate Impact	Moderate Impact	High Impact	High Impact
1705011702: Lower Malheur R.-Hog Creek	Moderate Impact	Moderate Impact	High Impact	High Impact
1705011703: Cottonwood Creek	High Impact	High Impact	High Impact	High Impact
1705011704: Lower Malheur R.-Little Sandy Res.	Moderate Impact	High Impact	High Impact	High Impact
1705011705: Sand Hollow Creek	Impact Undocumented	Impact Undocumented	High Impact	High Impact
1705011706: Lower Malheur R.-Johnston Gulch Res.	Moderate Impact	High Impact	High Impact	High Impact
1705011801: Upper Bully Creek	Moderate Impact	Moderate Impact	High Impact	High Impact
1705011802: Clover Creek	Moderate Impact	Moderate Impact	Low Impact	High Impact
1705011803: Lower Bully Creek	Moderate Impact	High Impact	High Impact	High Impact
1705011901: South Willow Creek	Moderate Impact	Moderate Impact	High Impact	Impact Undocumented
1705011902: Upper Willow Creek	Moderate Impact	Moderate Impact	Moderate Impact	Impact Undocumented
1705011903: Cow Creek	Impact Undocumented	Impact Undocumented	Impact Undocumented	Impact Undocumented
1705011904: Middle Willow Creek	Moderate Impact	High Impact	Low Impact	High Impact
1705011905: West Tub Mountain Res.	Impact Undocumented	Impact Undocumented	Impact Undocumented	High Impact
1705011906: Lower Willow Creek	High Impact	High Impact	High Impact	High Impact

