

This workbook contains habitat actions data downloaded directly from the Taurus database. Actions include those documented during the **Look Back** process covering the **2012-2015** work window.

Individual sheets contain habitat actions data for individual populations for steelhead.

| ESU | Population | Code | Assessment Unit | 2012 Standardized Limiting Factor | Action | Work Element | Metric | Metric Plan Value | Plan Comment |
|-----------------------|--------------|------|--|---|--|--|---|-------------------|--------------|
| Snake River Steelhead | Imnaha River | IRS1 | Lower Imnaha R. | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Imnaha River/Marr Habitat Improvement | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.07 miles | |
| Snake River Steelhead | Imnaha River | IRS1 | Lower Imnaha R. | 8.1: Water Quality: Temperature | 2012 Imnaha River/Marr Habitat Improvement | 47. Plant Vegetation | 1406. # of riparian miles treated | 5 miles | |
| Snake River Steelhead | Imnaha River | IRS6 | Lower Big Sheep Mainstem | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012: Big Sheep/Buhler irrigation and fish passage improvement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 17 miles | |
| Snake River Steelhead | Imnaha River | IRS7 | Lower Big Sheep and Little Sheep Cr. Tributaries | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012: Big Sheep Buhler Irrigation and fish passage improvement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 13 miles | |
| Snake River Steelhead | Imnaha River | IRS8 | Upper Big Sheep & Little Sheep Mainstems | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012: Big Sheep/Buhler Irrigation and Fish Passage Improvement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 11.9 | |
| Snake River Steelhead | Imnaha River | IRS9 | Upper Big Sheep & Little Sheep tributaries | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012: Big Sheep/Buhler Irrigation and Fish Passage Improvement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 5.5 miles | |

| ESU | Population | Code | Assessment Unit | 2012 Standardized Limiting Factor | Action | Work Element | Metric | Metric Plan Value | Plan Comment |
|-----------------------|--------------|------|---------------------|-----------------------------------|---------------------------------|-----------------------------|--------|-------------------|--------------|
| Snake River Steelhead | Joseph Creek | JCS1 | Joseph Cr. Mainstem | 8.1: Water Quality: Temperature | 2012-15 Birkmaier Lease/Renewal | 164. Acquire Water Instream | | 0.81 cfs (RM40.5) | |

| ESU | Population | Code | Assessment Unit | 2012 Standardized Limiting Factor | Action | Work Element | Metric | Metric Plan Value | Plan Comment |
|-----------------------|---------------|-------|---|---|---|---|---|--------------------|---|
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 1.1: Habitat Quantity: Anthropogenic Barriers | 2013 Trout Creek/Alpine Meadows Irrigation and Fish Passage Improvement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 1.9 miles | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012 Wallowa River/Cross-Country Canal Diversion Replacement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 15 miles | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 4.1: Riparian Condition: Riparian Vegetation | 2015 Wallowa River/6-Ranch Habitat Restroation Project 2 | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.38 mile | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 5.2: Peripheral and Transitional Habitats: Floodplain Condition | 2015 Wallowa River/6-Ranch Habitat Restroation Project 2 | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.38 mile | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 6.2: Channel Structure and Form: Instream Structural Complexity | 2015 Wallowa River/6-Ranch Habitat Restroation Project 2 | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.38 mile | |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 1.1: Habitat Quantity: Anthropogenic Barriers | Lostine River/City of Lostine Diversion Structure Replacement | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 2 miles | |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 6.2: Channel Structure and Form: Instream Structural Complexity | 2012 Lostine River/City of Lostine Diversion Structure Replacement | 29. Increase Aquatic and/or Floodplain Complexity | 1387. # of miles of stream with improved complexity | 0.07 mile | |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Lostine River/City of Lostine Diversion Structure Replacement | 55. Erosion and Sedimentation Control | | 0.07 mile | |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 8.1: Water Quality: Temperature | 2012-15 Carlsen Acquisition | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 5 miles | 2.2 cfs gained; water right acquisition leased instream |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 9.2: Water Quantity: Decreased Water Quantity | 2012-15 Carlsen Acquisition | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 5 miles (2.2 cfs) | 2.2 cfs gained; water right acquisition leased instream |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 9.2: Water Quantity: Decreased Water Quantity | 2012-15 3-Year Minimum Flow/Renewal | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 5 miles (15 cfs) | 15 cfs gained; temporary instream flow (Aug-Sep) |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 9.2: Water Quantity: Decreased Water Quantity | 2012 Wolfe Permanent Donation | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 4 miles (0.39 cfs) | 0.39 cfs gained; permanent instream flow (RM4) |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 8.1: Water Quality: Temperature | 2012 Wolfe Permanent Donation | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 4 miles | 0.39 cfs gained; permanent instream flow (RM4) |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 8.1: Water Quality: Temperature | 2012-15 3-Year Minimum Flow/Renewal | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 5 miles | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Wallowa River/Cross-Country Canal Diversion Replacement | 55. Erosion and Sedimentation Control | | 2 miles | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 7.2: Sediment Conditions: Increased Sediment Quantity | 2015 Wallowa River/6-Ranch Habitat Restoration Project 2 | 55. Erosion and Sedimentation Control | | 5 miles | |
| Snake River Steelhead | Wallowa River | WRS13 | Upper Wallowa River (Upstream of Lostine River) and Small Tributaries | 9.2: Water Quantity: Decreased Water Quantity | 2013 Trout Creek/Alpine Meadows Irrigation and Fish Passage Improvement | | | 2 miles | |
| Snake River Steelhead | Wallowa River | WRS10 | Lostine River | 1.1: Habitat Quantity: Anthropogenic Barriers | Combined Passage Benefit of Carlsen Acquisition, 2012-15 Lostine Minimum Flow Agreement and Wolfe Permanent Diversion | | | 3 miles treated | |