

NOTES:

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 Chinook.

| ESU | Population | Code | Assessment Unit | 2012 Standardized Limiting Factor | Action | Work Element | Metric | Metric Plan Value | Plan Comment |
|--------------------------------------|-----------------|------|--------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------|
| Snake River Spring/Summer Chinook | Big Sheep Creek | BSC1 | Lower Big Sheep and Little Sheep Creeks | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012:Big Sheep/Buhler Irrigation and Fish Passage Improvement. Model Water Shed. | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 10.5 miles | added as per EP 5.3.16. No known barriers above this one. Opens miles in BSC2 as well. EWW 5.3.16 |
| Snake River Spring/Summer Chinook | Big Sheep Creek | BSC2 | Upper Big Sheep Creek | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012:Big Sheep/Buhler Irrigation and Fish Passage Improvement. Model Water Shed. | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 18.8 miles | Added as per EP 5.3.16 |
| Snake River Spring/Summer Chinook | Big Sheep Creek | BSC3 | Big Sheep Creek Tributaries | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012:Big Sheep/Buhler Irrigation and Fish Passage Improvement. Model Water Shed. | 85. Remove/Breach Fish Passage Barrier | 1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range | 6.8 miles | added as per EP 5.3.16. Opened up to Lick Creek culvert |

| ESU | Population | Code | Assessment Unit | 2012 Standardized Limiting Factor | Action | Work Element | Metric | Metric Plan Value | Plan Comment |
|-------------------------|-----------------------|------|-----------------------|-------------------------------------------------------|--------------------------------------------|----------------------|-----------------------------------|--------------------|--------------|
| Snake River Spring/Summ | Imnaha River mainstem | IRC1 | Lower Imnaha Mainstem | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Imnaha River/Marr Habitat Improvement | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.07 miles treated | |

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|-----------------------------------|---------------|------|-----------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 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 | 2 miles | No improvement for this LF as per EP 5.3.16 |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 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 Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 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 Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 6.1: Channel Structure and Form: Bed and Channel Form | 2015 Wallowa River/6-Ranch Habitat Restroation Project 2 | 47. Plant Vegetation | 1406. # of riparian miles treated | 0.38 mile | |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 6.2: Channel Structure and Form: Instream Structural Complexity | 2012 Wallowa River/Cross-Country Canal Diversion Replacement | 29. Increase Aquatic and/or Floodplain Complexity | 1387. # of miles of stream with improved complexity | | zero benefit for this LF as per EP 5.3.16 |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 6.2: Channel Structure and Form: Instream Structural Complexity | 2015 Wallowa River/6-Ranch Habitat Restroation Project 2 | 29. Increase Aquatic and/or Floodplain Complexity | 1387. # of miles of stream with improved complexity | .38 mile | |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Wallowa River/Cross-Country Canal Diversion Replacement | | | 0.09 miles | |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 8.1: Water Quality: Temperature | 2013 Trout Creek/Alpine Meadows Irrigation and Fish Passage Improvement | | | 2 miles | No realized benefit for this LF, as per EP 5.3.16 |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 7.2: Sediment Conditions: Increased Sediment Quantity | 2015 Wallowa River/6-Ranch Habitat Restoration Project 2 | | | 0.38 miles | |
| Snake River Spring/Summer Chinook | Lostine River | WLC3 | Upper Wallows River (Dry Cr. To Wallows Lake) | 9.2: Water Quantity: Decreased Water Quantity | 2013 Trout Creek/Alpine Meadows Irrigation and Fish Passage Improvement | | | 2 miles | |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012 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 Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 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 Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 7.2: Sediment Conditions: Increased Sediment Quantity | 2012 Lostine River/City of Lostine Diversion Structure Replacement | 55. Erosion and Sedimentation Control | | 2 miles | |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012-2015 Carlsen Acquisition | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 4.25 miles (2.2 cfs) | 2.2 cfs gained; water right acquisition leased instream. |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012-15 3-Year Minimum Flow/Renewal; Lostine Minimum Flow agreement | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 8.5 miles (15 cfs) | 15 cfs gained; temporary instream flow (Aug-Sep) |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 1.1: Habitat Quantity: Anthropogenic Barriers | 2012 Wolfe Permanent Donation | 164. Acquire Water Instream | 1439. # of miles of total stream reach improvement | 8.5 miles (0.39 cfs) | 0.39 cfs gained; permanent instream flow (RM4) |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 8.1: Water Quality: Temperature | 2012-15 Lostine 3-Year Minimum Flow/Renewal | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 3.5 miles | 15 cfs gained; temporary instream flow (Aug-Sep) |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 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 | 15 cfs 2012-2015 and 17.1 cfs 2015 and 2016, 18 cfs in 2017, 20 cfs in 2018 | temporary instream flow (Aug-Sep) |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 9.2: Water Quantity: Decreased Water Quantity | 2012 Wolfe Permanent Donation | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 0.39 cfs | 0.39 cfs gained; permanent instream flow (RM4) |
| Snake River Spring/Summer Chinook | Lostine River | WLC7 | Lower Lostine River (Mouth to Silver Cr.) | 9.2: Water Quantity: Decreased Water Quantity | 2012-2015 Carlsen Acquisition | 164. Acquire Water Instream | 1438. # of miles of primary stream reach improvement | 0.73 cfs May through September | |