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 of Chinook.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC2	Upper SF Salmon Tribs above EFSF Salmon (High Idaho Batholith Tribs - from the headwaters to the mouth of EFSF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Decomission road in Six Bit, Warm Lake, Curtis Creek and Upper SFSR drainages	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	52.2 miles	52.17 miles of road fully recontoured affecting 14.46 stream miles. 7.1 miles of these roads were in RCA's. 67 perrenial stream crossings were restored with this work. Comments updated RM 8/8/2016 based on input from Nez Perce Tribe.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2012: Construct AOP Culvert on Cox Creek	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Moved to lookforward as per EP lookback, because LF weight=0 and that is not correct. EWL 4.19.16 It was calculated that 0.3 miles of habitat was opened through snorkeling, eDNA and ground truthing
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Decomission Roads in Burnt Log area in the Johnson Creek sub-watershed	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	10.5 road miles	2012: 10.5 miles of road fully recontoured. 3.7 miles of this were in RCA habitat. 18 perrenial stream crossing were restored with this work 2016: 0.45 stream miles treated
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	8.1: Water Quality: Temperature	2012: Riparian Planting along Cox Creek	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	*** reported as a 4.1 action, however 4.1 is not a 12-15 LF. **** 1 acre of riparian planting along Cox Creek. A total of 494 riparian plants. Removed 0.6 acres of reed canary grass
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2015: Construct AOP Culvert on Cox Creek	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Moved to lookforward as per EP look back, because LF weight = .0 and that is incorrect EWL 4.19.16. The upper culvert in cox creek went in in 2012, in 2015 the lower culvert will be put in place to ensure 0.4 miles of usable habitat for juvenile chinook, steelhead and bull trout
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	8.1: Water Quality: Temperature	2012: Install fence on Cox Creek to protect riparian plantings	40. Install Fence	1401. # of miles of fence installed in a riparian area	0.25 miles	*** reported as a 4.1 action, however 4.1 is not a 12-15 LF**** Livestock exclusion fencing to protect riparian habitat on Cox Creek
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC2	Upper SF Salmon Tribs above EFSF Salmon (High Idaho Batholith Tribs - from the headwaters to the mouth of EFSF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Decomission road in Two Bit and Six Bit sub-watershed in the Upper SFSR drainages	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area		Moved to lookforward. EWL 4.19.16. Fully recontoured roads. 2.45 miles of road were in RCA, restored 14 perrenial stream crossings
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC2	Upper SF Salmon Tribs above EFSF Salmon (High Idaho Batholith Tribs - from the headwaters to the mouth of EFSF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Construct Bridge at Cabin Creek Ford and riparian planting	55. Erosion and Sedimentation Control		0.1 stream miles	A vehicular ford on Cabin Creek was causing sediment issues to downstream chinook, steelhead and bull trout spawning. A new bridge was put in place to keep vehicles out of the river. Planted 124 plants
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC4	Mainstem SF Salmon	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Restoration of Phoebe Creek Dispersed Campsite	47. Plant Vegetation	1403. # of riparian acres treated	0.8 acres	***reported as a 4.1 action, however 4.1 is not a LF for the 12-15 timeframe*** Restore 0.8 acres (0.06 stream miles) of riparian habiat, 480 riparian plants planted, lowered flood plain, roughed up area to discourage camping in RCA. 0.6 stream miles were prorated by 80% to account for maturation by 2018
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC4	Mainstem SF Salmon	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Remove fishing trails in riparian habitat causing sediment in the SFSR	38. Improve Road		1.5 acres	Decommission and rehabilitate user created fishing trail networks, condensing the use to a single, more stable trail for access to popular fishing sites. This work will improve RCA's and reduce sediment delivery to the SFSR to improve Chinook and steel head spawning habitat. 2016: 1.9 stream miles treated with a proration factor of 20% maturation by 2018
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC2	Upper SF Salmon Tribs above EFSF Salmon (High Idaho Batholith Tribs - from the headwaters to the mouth of EFSF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Stolle Meadows decommissioning	33. Decommission Road/Relocate Road		25.5 road miles	added as per EP lookback EWL4.19.16
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC2	Upper SF Salmon Tribs above EFSF Salmon (High Idaho Batholith Tribs - from the headwaters to the mouth of EFSF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Nickle and Dime Road decommissioning	33. Decommission Road/Relocate Road			Moved to lookforward. EWL 4.19.16
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC4	Mainstem SF Salmon	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Old South Fork Road Decommissioning and veg planting	33. Decommission Road/Relocate Road		2.4 road miles	1.2 stream miles with 85% proration factor to account for maturation by 2018. Added as per EP lookback. EWL 4.19.16
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC4	Mainstem SF Salmon	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Decommission road in Six Bit, Warm Lake, Curtis Creek and Upper SFSR drainages	33. Decommission Road/Relocate Road		0.63 stream miles	added as per ep lookback EWL 4.19.16. Although the project occurred in SSC2, there are downstream benefits to mainstem. 0.63 stream miles were treated and prorated 80% to account for maturation by 2018

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Secesh River	SEC1	Secesh River	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Burgdorf Road Improvement Project	38. Improve Road	1617. # of miles of road or trail improved in an upland area	5.0 miles	The road improvement project on Burgdorf road involved the graveling of 5.2 miles of road, the addition of new cross drains, changing of road drainage (inslope/outslope) to reduce sediment into Lake Creek.
Snake River Spring/Summer Chinook	Secesh River	SEC1	Secesh River	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Lick Creek Road improvement Project	38. Improve Road	1394. # of miles of road improved or decommissioned in a riparian area	4.6 miles	The road improvement project on Lick Creek road andjacent to the Secesh River involved the graveling of 4.6 miles of road, the addition of new cross drains, changing of road drainage (inslope/outslope) to reduce sediment into Secesh River.
Snake River Spring/Summer Chinook	Secesh River	SEC1	Secesh River	7.2: Sediment Conditions: Increased Sediment Quantity	2013 and 2014: Lake Creek Burgdorf meadows bank stabilization	47. Plant Vegetation	1406. # of riparian miles treated	0.08 stream miles	added during look back EWL 4.19.16. laid back banks and planted 1400 plants

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Smith Creek Trail Improvement	55. Erosion and Sedimentation Control	1618. # of water bars installed	50 water bars	Trail improvements were made to an existing 4-wheeler trail that was impacting steelhead and bull trout spawning. In order to reduce sediment 50 water bars and 10 stream crossings were improved.
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Smith Creek ATV Trail Improvement	55. Erosion and Sedimentation Control		4.87 road miles	2012: Trail improvements will continue on this road to reduce impacts to steelhead and bull trout spawning from ATV fording the river. In order to reduce sediment water bars and stream crossings will be improved. 2016: 0.62 stream miles treated with 40% improvement proration factor to 2018.