NOTES:

This workbook contains habitat actions data downloaded directly from the Taurus database. Actions include those documented during the **Look Forward** process covering the **2016-2018** 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	SSC1B	Johnson Creek	8.1: Water Quality: Temperature	Riparian Planting along Cox Creek	47. Plant Vegetation	1403. # of riparian acres treated	0.4 miles	2016: 0.4 stream miles treated were prorated to 5% (0.026) to account for realized improvements to 2018 with vegetation projects.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1A	EFSF Salmon and Tribs	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Profile Gap Road Improvement	38. Improve Road			No BPA funding, so removed from look forward consideration. EWL 4.19.16Road improvement project. Gravel road, add cross drains possibly inslope road to reduce sediment
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1A	EFSF Salmon and Tribs	8.7: Water Quality: Toxic Contaminants	2016 Cinnabar Mine Rehab	47. Plant Vegetation		10 acres	5.5 miles of stream will be affected by this work. Working with EPA we will remove contaminated mercury tailings along the stream and plant riparian vegetation
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2018 Replace a culvert with an AOP structure on Landmark Creek	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Likely will not happen prior to 2018, as per EP lookforward. EWL 4.19.16 Bull trout and steelhead are present. We will collect eDNA samples in 2015 to see if Chinook are present. Project should open roughly 5 miles of new habitat.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2018 Replace a culvert with an AOP structure on Sheep Creek	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Likely will not occur prior to 2018, so remove from look forward consideration as per EP. EWL 4.19.16. Bull trout and steelhead are present. We will collect eDNA samples in 2015 to see if Chinook are present. Project should open roughly 1.8 miles of new habitat.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Upper Johnson Creek/Tyndal Meadows Road Obliteration	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area		Likely won't happen prior ti 2018, as per EP lookforward. EWL 4.19.16 Full recontour of road prism in Upper Johnson Creek and Tyndal Meadows
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Road Improvement on Upper Rice Creek Roads	38. Improve Road			Likely won't happen prior to 2018 as per EP lookfroward. EWL 4.19.16 Road improvement project involving graveling of roads, cross drains, possible sloping of road to reduce sediment delivery
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	8.1: Water Quality: Temperature	2016 Riparian planting and fencing at Ice Hole Campground	47. Plant Vegetation	1403. # of riparian acres treated	0.12 miles	Restore roughly 2 acres of riparian habitat along Johnson Creek 2016: 0.120 treated stream miles were prorated to 5% (.006) to account for realized improvement 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	2016 Nickel/Dime Creek Road obliteration	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	10 miles	Full recontour of road prism in Nickle/Dime Creek 2016: 1.26 stream miles were prorated (80%) to reflect anticipated improvements by 2018 = 1.92 stream miles
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	2017 Dollar Creek Road obliteration	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	40 miles	Full recontour of road prism in Dollar Creek. Dollar Creek has eDNA confirmation of bull trout, steelhead and Chinook. 2016: 6.93 stream miles treated were prorated (80%) to reflect anticipated improvements by 2018 = 5.544
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC3	Lower SF Salmon Tribs below EFSF Salmon (Hot Dry Canyon Tribs - from mouth of EFSF Salmon to mouth of SF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Davis Ranch Road Obliteration	33. Decommission Road/Relocate Road			Won't happen prior to 2018, as per EP lookforward. EWL 4.19.16 Recontour road prism to non-motorized trail
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC3	Lower SF Salmon Tribs below EFSF Salmon (Hot Dry Canyon Tribs - from mouth of EFSF Salmon to mouth of SF Salmon)	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Hamilton Bar Road Obliteration	33. Decommission Road/Relocate Road			Won't happen prior to 2018 as per EP lookforward. EWL 4.19.16 Recontour road prism to small 2-motorized trail
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	2018 Trail Creek Road obliteration	33. Decommission Road/Relocate Road			Wont happen before 2018 as per EP lookforward. EWL 4.19.16 Full recontour of roads in Trail Creek Face
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	2018 Jakie Buckhorn Road obliteration	33. Decommission Road/Relocate Road			Won't happen prior to 2018 as per EP lookfoward. EWL 4.19.16 Full recontour of roads in Jakie Buckhorn
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	2018 Phoebe/Camp Creek Road obliteration	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area		Won't happen prior to 2018 as per EP lookfoward. EWL 4.19.16 Full recontour of roads in Phoebe/Camp Creek
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Construct AOP Culvert on Cox Creek	85. Remove/Breach Fish Passage Barrier			Was completed in 2015, but the LF was weighted zero, so moved to lookforward so the benefit could be captured. EWL 4.19.16

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		12.7 road miles	***Moved from Lookback to Lookforward as per EP Lookback due to problem with low bookend and prematurely reaching 100% in 2012-2015 **** EWL 4.19.16. 1.74 stream miles treated were prorated (80%) to reflect anticipated improvement by 2018 = 1.392
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	7.8 miles	***** Moved from Lookback to Lookforward as Per EP lookback, due to problem with low bookend and prematurely reaching 100% in 2012-2015 **** EWL 4.19.16. Fully recontoured roads. 2.45 miles of road were in RCA, restored 14 perrenial stream crossings. 2.4 stream miles were treated but prorated (80%) to reflect realized improvement by 2018.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1A	EFSF Salmon and Tribs	7.2: Sediment Conditions: Increased Sediment Quantity	2016 East Fork South Fork road surface			5.5 road miles	added as per EP lookforward. EWL 4.19.16 Anticipated realized improvement to 2018 is 40% of total stream miles treated.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1A	EFSF Salmon and Tribs	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Sugar Creek Ford Restoration (USFS)	55. Erosion and Sedimentation Control		0.1 stream miles	added as per EP lookforward. EWL 4.19.16. Considers downstream affects
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1A	EFSF Salmon and Tribs	7.2: Sediment Conditions: Increased Sediment Quantity	2016: Sugar Creek Road Improvement	55. Erosion and Sedimentation Control		5.04 road miles	added as per EP lookforward. EWL 4.19.16 Anticipated realized improvement by 2018 is 40% of the 1.83 stream miles treated.
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC1B	Johnson Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Johnson Creek Road Improvement Project	55. Erosion and Sedimentation Control		8.3 miles	added as per EP lookforward. EWL .4.19.16 8.3 stream miles were prorated to reflect realized change by 2018 = 3.32 stream miles
Snake River Spring/Summer Chinook	South Fork Salmon River mainstem	SSC4	Mainstem SF Salmon	7.2: Sediment Conditions: Increased Sediment Quantity	2016: Southfork Salmon Fishing Trail improvement pojrect			1.9 stream miles	added as per EP Lookfroward. 4.20.16 EWL 2016: Realized improvements are anticipated to be 20% of the 1.9 stream miles treated = 0.3787

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	1.1: Habitat Quantity: Anthropogenic Barriers	2017 Jeneatte Creek Culvert Replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.8 stream miles	Bull trout, steelhead and chinook are present in Jeneatte Creek. AOP replacement would open 0.9 miles of new habitat 2016: 0.8 stream miles prorated 50% to account for juvenile passage only
Snake River Spring/Summer Chinook	Secesh River	SEC1	Secesh River	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Lake Creek road decommissioning	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area		Removed because it likely won't happen in time. EWL 4.19.16 Full recontour of road prims to reduce sediment and enhance habitat for bull trout, steelhead and chinook are present in Lake Creek
Snake River Spring/Summer Chinook	Secesh River	SEC1	Secesh River	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Secesh Face Road Decommissioning	33. Decommission Road/Relocate Road		13 miles	Full recontour of old logging roads on the Secesh face area 2016: 2.48 stream miles treated with proration of 80% to account for maturation to 2018. Comments entered RM 8/8/2016 based on input from Nez Perce Tribe.

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	1.1: Habitat Quantity: Anthropogenic Barriers	In 2018, Monumental Creek Culverts	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Won't happen Prior to 2018 as per EP lookfoward. EWL 4.19.16 replace culverts on Monumental Creek acting as barriers to bull trout and steelhead
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Smith Creek Bridge	55. Erosion and Sedimentation Control			Won't happen prior to 2018 as per EP lookforward. EWL 4.19.16 ATV ford to bridge project. The primary purpose of this project is to keep sediment out of the river and from ATV's from crushing bull trout and steelhead redds. No metric provided
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Big Creek Road Decommissioning	33. Decommission Road/Relocate Road		8.4 miles	Full recontour of road prism at the N end of Big Creek loop and spur roads 0.81 stream miles treated, prorated 80% to reflect anticipated effectiveness by 2018.
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	8.7: Water Quality: Toxic Contaminants	2018 Thunder Mountain-Dewey Mine Pit Restoration	47. Plant Vegetation			Won't happen Prior to 2018 as per EP lookfoward. EWL 4.19.16 10 acres Mine site rehab at Thunder Mountain. Work would include riparian planting to keep contaminated sediment out of Mule Creek that feeds into Monumental Creek (steelhead, bull trout and Chinook). Work would also involve some small stream channel work, and upland planting.
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2016: Replace undersized culvert with bridge on Big Creek	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.1 miles	Moved from 2012-2015 into look forward. EWL 4.19.16 Remove undersized culvert and construct a 45 foot span bridge designed to handle a 100 year flood
Snake River Spring/Summer Chinook	Big Creek	BCC1B	Upper Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2016: Bridging the vehicular ford on North Fork Smith Creek	55. Erosion and Sedimentation Control		0.1 stream miles	Wasn't completed by 2015 so moved to look forward. EWL 4.19.16.This project is geared to reduce sediment delivery impacting steelhead and bull trout for vehicular fording