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 for Chinook.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment Plan Comment
	Big Sheep Creek	BSC2	Upper Big Sheep Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Big Sheep Trail Conversion and Re-alignment (O-39001400)	33. Decommission Road/Relocate Road	1483. # of miles of road or trail created/relocated in the upland zone	1 mile	
Spring/Summer Chinook									
		BSC3	Big Sheep Creek Tributaries	1.1: Habitat Quantity: Anthropogenic Barriers	2016 Lick Creek AOP Culvert Replacement	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or	1 mile	
Spring/Summer Chinook							likely limit of habitable range		

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	4.1: Riparian Condition: Riparian Vegetation	2017 Wallowa-Baker	47. Plant Vegetation	1403. # of riparian acres treated	8.71 acres	30.2 acres in conservation easement, construction of 4 side channels adding 4,800' of
Spring/Summer Chinook	203tille Hiller	Wiles	Wallowas Lake)		EVI Hollow Colle		2 to 5 ii o i i i pari un de Co d'edeca		stream, installation of 54 habitat structures (16 on mainstem 38 in side channels), creation of 8.71 acres of floodplanin, riparian planting on 8.71 acres, 3,000' riparian exclusion fencine
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	6.1: Channel Structure and Form: Bed and Channel Form	2017 Wallowa-Baker	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	1.3 miles treated (4 side channels)	30.2 acres in conservation easement, construction of 4 side channels adding 4,800' of
Spring/Summer Chinook	203tine mver	111203	Wallowas Lake)	o.i. chamer structure and rorms see and chamer rorm	2017 Wallowa Baker	50. Healigh, connect, and of create channel	170 n of stream fines after treatment	213 times dicuted (1 side chamicis)	stream, installation of 54 habitat structures (16 on mainstem 38 in side channels),
, ,			·						creation of 8.71 acres of floodplanin, riparian planting on 8.71 acres, 3,000' riparian
									exclusion fencing
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	6.2: Channel Structure and Form: Instream Structural	2017 Wallowa-Baker	29. Increase Aquatic and/or Floodplain Complexity	1388. # of structures installed	54 structures	30.2 acres in conservation easement, construction of 4 side channels adding 4,800' of
Spring/Summer Chinook			Wallowas Lake)	Complexity					stream, installation of 54 habitat structures (16 on mainstem 38 in side channels),
									creation of 8.71 acres of floodplanin, riparian planting on 8.71 acres, 3,000' riparian
									exclusion fencing
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Wallowa-Baker	40. Install Fence	1527. # of acres of riparian wetland habitat protected	0.6 miles treated	30.2 acres in conservation easement, construction of 4 side channels adding 4,800' of
Spring/Summer Chinook			Wallowas Lake)						stream, installation of 54 habitat structures (16 on mainstem 38 in side channels),
									creation of 8.71 acres of floodplanin, riparian planting on 8.71 acres, 3,000' riparian exclusion fencing
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	8.1: Water Quality: Temperature	2017 Wallowa-Baker	47. Plant Vegetation	1403. # of riparian acres treated	8.71 acres	30.2 acres in conservation easement, construction of 4 side channels adding 4,800' of
Spring/Summer Chinook	LOSTING HIVE	WEES	Wallowas Lake)	0.1. Water quality. remperature	2017 Wallowa Baker	47. Flatic Vegetation	1403. # of riparian acres treated	0.71 deres	stream, installation of 54 habitat structures (16 on mainstem 38 in side channels),
			,						creation of 8.71 acres of floodplanin, riparian planting on 8.71 acres, 3,000' riparian
									exclusion fencing
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	6.1: Channel Structure and Form: Bed and Channel Form	2018 Tamkaliks Habitat Restroration Project			0.4 miles treated	side channel creation
Spring/Summer Chinook			Wallowas Lake)						
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	6.2: Channel Structure and Form: Instream Structural	2018 Tamkaliks Habitat Restroation Project			1,000 feet	
Spring/Summer Chinook			Wallowas Lake)	Complexity					
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To Wallowas Lake)	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Tamkaliks Habitat Restroation Project			0.3 miles treated	
Spring/Summer Chinook Snake River	Lostine River	WLC7		1.1: Habitat Quantity: Anthropogenic Barriers	2016 Lostine River/Sheep Ridge Fish Passage Improvement	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or	4.5 miles	
Spring/Summer Chinook	LOSLINE RIVEI	WLC7	Cr.)	1.1. Habitat Quantity. Antinopogenic Barriers	2016 Lostine River/Sneep Riuge Fish Passage Improvement	83. Remove/ Breach Fish Passage Barrier	likely limit of habitable range	4.5 Illies	
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	1.1: Habitat Quantity: Anthropogenic Barriers	2017 Lostine River/Tulley Hill Fish Passage Improvement	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or	1 miles	
Spring/Summer Chinook	203tine mver	111207	Cr.)	1111 Habitat Qualitity. All this opogetile Barriers	2027 Edition (NYC) Francy Fran	os. nemove, sreach isi i assage samei	likely limit of habitable range	1111103	
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	1.1: Habitat Quantity: Anthropogenic Barriers	2016-17 3-Year Minimum Flow/Renewal	164. Acquire Water Instream	1439. # of miles of total stream reach improvement	3.5 miles	18 cfs gained (2016); 20 cfs (2017); up to 25 cfs each yrs
Spring/Summer Chinook			Cr.)	. , , ,			·		
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	2016-17 3-Year Minimum Flow/Renewal Lostine Minimum Flow agreement	164. Acquire Water Instream	1438. # of miles of primary stream reach improvement	5 miles	18 cfs gained (2016); 20 cfs (2017); up to 25 cfs each yrs
Spring/Summer Chinook			Cr.)						
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	2016-17 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
Spring/Summer Chinook			Cr.)						
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	9.2: Water Quantity: Decreased Water Quantity	Permanent 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
Spring/Summer Chinook Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	9.2: Water Quantity: Decreased Water Quantity	2016-2018 3-Year Minimum Flow/Renewal; Lostine Minimum Flow	164. Acquire Water Instream	1438. # of miles of primary stream reach improvement	5 miles	18 cfs gained (2016); 20 cfs (2017); up to 25 cfs each yrs
Spring/Summer Chinook	LOSTING MIVE!	WEE,	Cr.)	5.2. Water Quantity. Decreased Water Quantity	agreement	104. Acquire Water instream	1430. # Of filles of primary stream reacti improvement	5 miles	10 C13 gainea (2010), 20 C13 (2017), up to 23 C13 C4C11 y13
			,						
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	4.1: Riparian Condition: Riparian Vegetation	2018 Tamkaliks Habitat Restroation Project			0.4 miles	added during EP 5.3.16
Spring/Summer Chinook			Wallowas Lake)						
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	5.1: Peripheral and Transitional Habitats: Side Channel and	2017: Wallowa-Baker (mainstem with side channels plus Spring creek			0.6 miles	added during EP lookforward 5.3.16
Spring/Summer Chinook			Wallowas Lake)	Wetland Conditions	connection				
Snake River	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To	5.1: Peripheral and Transitional Habitats: Side Channel and	Tamkaliks Habitat Restoration			0.28	added during EP lookforward 5.3.16
Spring/Summer Chinook Snake River	Lostine River	WLC3	Wallowas Lake)	Wetland Conditions	2018 Wallowa-Baker	181. Create, Restore, and/or Enhance Wetland		0.022 cfs	
Spring/Summer Chinook	Lostine River	WLC3	Upper Wallowas River (Dry Cr. To Wallowas Lake)	9.2: Water Quantity: Decreased Water Quantity	2018 Wallowa-Baker	181. Create, Restore, and/or Enhance Wetland		0.022 crs	
Snake River	Lostine River	WLC7		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	
Spring/Summer Chinook	203tine mver	111207	Cr.)	Sizi Water Quantity: Secreased Water Quantity	2012 World Ferrialistic Societion	10 il require viater il saleani	1 isos in or mines or primary stream reactivity overhead	0.55 0.5	
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	1.1: Habitat Quantity: Anthropogenic Barriers	Wolfe water conservation	164. Acquire Water Instream		5.5 miles	Primarily May - July 2 cfs
Spring/Summer Chinook			Cr.)	. , , ,					
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	1.1: Habitat Quantity: Anthropogenic Barriers	Wolfe split season lease	164. Acquire Water Instream		5.5 miles	9.5 cfs in August and September
Spring/Summer Chinook			Cr.)						
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	9.2: Water Quantity: Decreased Water Quantity	Wolfe water conservation 12.5 cfs	164. Acquire Water Instream		12.5 cfs May-July	added as per EP 5.4.16
Spring/Summer Chinook			Cr.)		Lucia de				
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	9.2: Water Quantity: Decreased Water Quantity	Wolfe split season lease	164. Acquire Water Instream		9.5 cfs in August and September	added as per EP 5.4.16
Spring/Summer Chinook Snake River	Lostine River	WLC7	Lawer Lesting Diver (Mouth to Silver	9.2: Water Quantity: Decreased Water Quantity	Wolfe water conservation 2 cfs	164. Acquire Water Instream		2 of August Cont	added as per EP 5.4.16
Spring/Summer Chinook	LOSUITE NIVEL	WLC	Cr)	3.2. Water Quantity. Decreased Water Quantity	Wolle water conservation 2 cis	104. Acquire Water instream		2 cfs August-Sept.	added as per Er 3.4.10
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	2012 Wolfe Permanent Donation	164. Acquire Water Instream		0.39	added as per EP 5.4.16
Spring/Summer Chinook		1	Cr.)						
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	Wolfe water conservation 12.5 cfs	164. Acquire Water Instream		12.5 cfs	added as per EP 5.4.16
Spring/Summer Chinook			Cr.)						
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	Wolfe split season lease	164. Acquire Water Instream		9.5 cfs	added as per EP 5.4.16
Spring/Summer Chinook			Cr.)					1	
Snake River	Lostine River	WLC7	Lower Lostine River (Mouth to Silver	8.1: Water Quality: Temperature	Wolfe water conservation 2 cfs	164. Acquire Water Instream		2 cfs	added as per EP 5.4.16
Spring/Summer Chinook	<u> </u>		ur.)						