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 for Chinook.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to		2016: PA-15 Riparian Planting (Russell)	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	Turi comment
Spring/Summer Chinook	rucannon River	TUCIA	Panjab	4.1: Riparian Condition: Riparian Vegetation	2010. PA-15 Riparian Planung (Russell)	47. Plant Vegetation	1405. # Of Tiparian acres treated	1 dcie	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	5.2: Peripheral and Transitional Habitats: Floodplain	2016: PA-17-18 (Hartsock)	180. Enhance Floodplain/Remove, Modify, Breach Dike	1441. # of miles of habitat accessed to the next upstream barrier(s) or	1.9 miles	Anchor QEA No 2011
Spring/Summer Chinook			Panjab	Condition			likely limit of habitable range		
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	5.2: Peripheral and Transitional Habitats: Floodplain	2016-2017: PA-28 (Broughton LC)	30. Realign, Connect, and/or Create Channel	1754. # of miles of side channel created in the freshwater non-tidal	2 miles	Two phased project curently in design
Spring/Summer Chinook			Panjab	Condition			zone		
	Tucannon River	TUC1A	Upper Tucannon - Pataha up to Paniah	5.2: Peripheral and Transitional Habitats: Floodplain	2017:PA-6-9	180. Enhance Floodplain/Remove, Modify, Breach Dike	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	2 miles	Anchor QEA Nov 2011
	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	6.1: Channel Structure and Form: Bed and Channel Form	2016: PA-17-18	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.9 miles	Anchor QEA No 2011
Snake River	Tucannon River	TLIC1A	Upper Tucannon - Pataha up to	6.1: Channel Structure and Form: Bed and Channel Form	2016-2017: PA-28	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.0 miles	Two phased project curently in design
Spring/Summer Chinook	racamon river	IOCIA	Panjab	b.1. Channel Structure and Form. Bed and Channel Form	2010 2011 14 20	25. Increase Aquatic analysis i roduplani complexity	1307. W of fillings of stream with improved complexity	2.0 miles	Two prosed project carefully in design
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	6.2: Channel Structure and Form: Instream Structural	2016: PA-17-18 (Hartsock)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.9 miles	Anchor QEA No 2011
Spring/Summer Chinook			Panjab	Complexity					
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	6.2: Channel Structure and Form: Instream Structural	2016: PA-28 (Broughton Lc)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	Two phased project curently in design
Spring/Summer Chinook			Panjab	Complexity					
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	6.2: Channel Structure and Form: Instream Structural	2017:PA-6-9	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	Anchor QEA Nov 2011
Spring/Summer Chinook			Panjab	Complexity					
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	1.1: Habitat Quantity: Anthropogenic Barriers	2017: Tucannon River Hatchery Diversion	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or	26.07 miles	
Spring/Summer Chinook			Panjab				likely limit of habitable range		
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2016: PA-11 Riparian Planting (Beaver Watson Lake to Deer Lake)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Spring/Summer Chinook			Panjab						
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	6.1: Channel Structure and Form: Bed and Channel Form	2017: PA-6-9	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	Anchor QEA Nov 2011
Spring/Summer Chinook			Panjab						
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2016: PA-24 Riparian (Janet Howard)	47. Plant Vegetation	1403. # of riparian acres treated	2 acres	
Spring/Summer Chinook			Panjab						
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	3.1: Food: Altered Primary Productivity	Tucannon River Hatchery Diversion-Nutrient Enhancement	44. Enhance Nutrients in Water Bodies			11.9 miles; highly uncertain this will happen by 2018
Spring/Summer Chinook			Panjab	, , ,	· ·				. , , , , , , , , , , , , , , , , , , ,
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2016: PA-23 (Howards)	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	
Spring/Summer Chinook			Paniab	, and the second			,		
	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2016: PA 14 (Tuc Hatchery)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Spring/Summer Chinook			Paniab	, and the second	(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,		
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2016-2017 PA 28 (Broughton LC)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Spring/Summer Chinook			Paniah						
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.1: Riparian Condition: Riparian Vegetation	2018 PA 18 (Hartsock)	47. Plant Vegetation	1403. # of riparian acres treated	20 acres	
Spring/Summer Chinook	racaimon inver	10027	Paniah	in a mpurion condition impurion vegetation	2010 TH 10 (Hartsock)	The regulation	2 103. II Of Tipurian deles d'edica	20 00103	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.2: Riparian Condition: LWD Recruitment	PA -11 (Beaver Watson Lake to Deer Lake)	47. Plant Vegetation	1403. # of riparian acres treated	5 acre	
Spring/Summer Chinook	racalilloir Nivel	TOCIA	Paniah	4.2. Riparian Condition. EVD Recratment	TA II (beaver watson take to beer take)	47. Halit Vegetation	1403. W of riparian acres deated	June	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.2: Riparian Condition: LWD Recruitment	PA 15 (Russell)	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	
Spring/Summer Chinook	- acamion myci	TOCIA	Paniah	1.2. Inputati Condition. Lavo necratinent	25 (1100501)	one regetation	2 100. II Or repution dures d'edica		
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.2: Riparian Condition: LWD Recruitment	PA-28 (Broughton LC)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
	rucamion river	TOCIA	Panish	14.2. Niparian condition. LWD Recruitment	rA-20 (bloughton LC)	47. Flatic Vegetation	1403. # OF TIPATIAN ACTES LIEALEU	Jacies	
Spring/Summer Chinook	Tucannon Piver	TUC1A	Hanar Tucannan Bataba un te	4.2: Pinarian Condition: LWD Passwitment	DA 19 (Hartrock)	47 Plant Vogotation	1402 # of ringrian acros treated	20 acros	
Snake River Spring/Summer Chinook	Tucannon River	TUC1A	Upper Tucannon - Pataha up to Paniah	4.2: Riparian Condition: LWD Recruitment	PA-18 (Hartsock)	47. Plant Vegetation	1403. # of riparian acres treated	20 acres	
	T 0:	T11044	i diljub	42.0: 1.0.0: 1110.0. 11	24 24 / 11 11 12	47.01 . 11	4402 !! 6 :	0.5	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	4.2: Riparian Condition: LWD Recruitment	PA -24 (Janet Howard)	47. Plant Vegetation	1403. # of riparian acres treated	0.5 acres	
Spring/Summer Chinook	- n:	T11044	Panjao	54 5 1 1 17 21 10 12 1 21 21 21 21	2045 24 47 42 (1)	20 1 4 11 11 11 11 11 11	4007 H C 1 C 4 C 4 H C 1 H C 1	40.7	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to		2016: PA-17-18 (Hartsock)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.9 miles	
Spring/Summer Chinook	- n:	T11044	ranjab	Wetland Conditions	2045 2047 24 20 (2 4 4 4 5)	20	4007 H C 1 C 1 H C 1 H C 1		
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	5.1: Peripheral and Transitional Habitats: Side Channel and	2016-2017: PA-28 (Broughton LC)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	
Spring/Summer Chinook			Panjab	Wetland Conditions				ļ	
Snake River	Tucannon River	TUC1A	Upper Tucannon - Pataha up to	5.1: Peripheral and Transitional Habitats: Side Channel and	2017:PA-6-9	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	
Spring/Summer Chinook			Panjab	Wetland Conditions					
Snake River	Tucannon River	TUC1B	Lower Tucannon - Mouth to Pataha	4.1: Riparian Condition: Riparian Vegetation	2016: PA -40 Tucannon Ranch	47. Plant Vegetation	1403. # of riparian acres treated	5.54 acres treated	
Spring/Summer Chinook									
Snake River	Tucannon River	TUC1B	Lower Tucannon - Mouth to Pataha	4.2: Riparian Condition: LWD Recruitment	2016: PA -40 Tucannon Ranch	47. Plant Vegetation	1403. # of riparian acres treated	5.54 acres treated	
Spring/Summer Chinook						<u> </u>	<u> </u>	<u> </u>	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River	Asotin Creek	ACC1	Asotin Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2016: Head Gate Dam Removal	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or	38.2 miles	HWS Source ACCD & WDFW No BPA funds
Spring/Summer Chi	nook						likely limit of habitable range		
Snake River	Asotin Creek	ACC1	Asotin Creek	4.1: Riparian Condition: Riparian Vegetation	2016: IMW Riparian project (13-1405)			8.9 acre	
Spring/Summer Chi	nook								
Snake River	Asotin Creek	ACC1	Asotin Creek	4.1: Riparian Condition: Riparian Vegetation	Asotin Creek Riparian Protection Project (16-xxx)			80 acres	
Spring/Summer Chi	nook								
Snake River	Asotin Creek	ACC1	Asotin Creek	4.1: Riparian Condition: Riparian Vegetation	2018: IMW Riparian project			1-2 acres	
Spring/Summer Chi	nook								
Snake River	Asotin Creek	ACC1	Asotin Creek	5.2: Peripheral and Transitional Habitats: Floodplain	2016: Charley Creek IMW (PALS)			0.75 miles	
Spring/Summer Chi				Condition					
Snake River	Asotin Creek	ACC1	Asotin Creek	5.2: Peripheral and Transitional Habitats: Floodplain	2017: South Fork (PALS)			0.75 miles	
Spring/Summer Chi				Condition					
Snake River	Asotin Creek	ACC1	Asotin Creek	5.2: Peripheral and Transitional Habitats: Floodplain	2018: North Fork (PALS)			0.7	5
Spring/Summer Chi				Condition					
Snake River	Asotin Creek	ACC1	Asotin Creek	6.1: Channel Structure and Form: Bed and Channel Form	2016: Charley Creek IMW (PALS)			0.75 miles	
Spring/Summer Chi									
Snake River	Asotin Creek	ACC1	Asotin Creek	6.1: Channel Structure and Form: Bed and Channel Form	2017: South Fork (PALS)			0.75 mile	
Spring/Summer Chi									
Snake River	Asotin Creek	ACC1	Asotin Creek	6.1: Channel Structure and Form: Bed and Channel Form	2018: North Fork (PALS)			0.75 miles	
Spring/Summer Chi		1.004	Asotin Creek	52.51 151 1 15 1 1 51 1 1	2045 61 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1			0.75 1	
Snake River	Asotin Creek	ACC1	Asotin Creek	6.2: Channel Structure and Form: Instream Structural	2016:Charley Creek IMW (PALS)			0.75 miles	
Spring/Summer Chi Snake River	Asotin Creek	ACC1	Asotin Creek	Complexity 6.2: Channel Structure and Form: Instream Structural	2017: South Fork (PALS)			0.75 miles	
Spring/Summer Chi		ACCI	ASOUIT CIEEK	Complexity	2017. SOUGHTOIK (FALS)			0.73 lilles	
Snake River	Asotin Creek	ACC1	Asotin Creek	6.2: Channel Structure and Form: Instream Structural	2018: North Fork (PALS)			0.75 miles	
Spring/Summer Chi		7.001	7 Souri Ci CCR	Complexity	2010: North Fork (FFED)			0.73 1111103	
Snake River	Asotin Creek	ACC1	Asotin Creek	5.2: Peripheral and Transitional Habitats: Floodplain	Asotin IMW Restoration (15-1321)			2 miles	
Spring/Summer Chi		7.002		Condition	(22 232)				
Snake River	Asotin Creek	ACC1	Asotin Creek	6.1: Channel Structure and Form: Bed and Channel Form	Asotin IMW Restoration (15-1321)			2 miles	
Spring/Summer Chi					, , ,				
Snake River	Asotin Creek	ACC1	Asotin Creek	6.2: Channel Structure and Form: Instream Structural	Asotin IMW Restoration (15-1321)			2 miles	
Spring/Summer Chi	nook			Complexity					