

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 steelhead.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2016: PA-23 (Howards)	47. Plant Vegetation	1403. # of riparian acres treated	1 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	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	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2016: PA-15 Russel	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2016: PA 14 (Tuc Hatchery)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2016: PA-24 Riparian	47. Plant Vegetation	1403. # of riparian acres treated	2 acres	Completion in part of restoration project
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2016: PA-17-18	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	1.9 miles	Anchor QEA No 2011
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2016-2017: PA-28	30. Realign, Connect, and/or Create Channel	1754. # of miles of side channel created in the freshwater non-tidal zone	2 miles	Two phased project curently in design
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2017: PA-6-9	30. Realign, Connect, and/or Create Channel	1754. # of miles of side channel created in the freshwater non-tidal zone	2 miles	Anchor QEA Nov 2011
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	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 Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	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 miles	Two phased project currently in design
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	6.2: Channel Structure and Form: Instream Structural Complexity	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 Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	6.2: Channel Structure and Form: Instream Structural Complexity	2016-17:PA-28	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 mile	Two phased project curently in design
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	6.2: Channel Structure and Form: Instream Structural Complexity	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
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	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 likely limit of habitable range	32.11 miles opened	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	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
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2016-2017 PA 28 (Broughton LC)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.1: Riparian Condition: Riparian Vegetation	2018 PA 18 (Hartsock)	47. Plant Vegetation	1403. # of riparian acres treated	20 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.2: Riparian Condition: LWD Recruitment	PA-18 (Hartstock)	47. Plant Vegetation	1403. # of riparian acres treated	20 acre	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.2: Riparian Condition: LWD Recruitment	2016: PA-11 Riparian Planting (Beaver Watson)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.2: Riparian Condition: LWD Recruitment	2016: PA-15 Riparian Planting (Russell)	47. Plant Vegetation	1403. # of riparian acres treated	1 acre	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.2: Riparian Condition: LWD Recruitment	2016-2017 PA 28 (Broughton LC)	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	4.2: Riparian Condition: LWD Recruitment	2016: PA-24 Riparian (Janet Howard)	47. Plant Vegetation	1403. # of riparian acres treated	0.5 acres	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2016: PA-17-18 (Hartsock)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.9 miles	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2016-2017: PA-28 (Broughton LC)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	
Snake River Steelhead	Tucannon River	TUS1A	Upper Tucannon - Pataha up to Panjab	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	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	
Snake River Steelhead	Tucannon River	TUS1B	Lower Tucannon - Mouth to Pataha	4.1: Riparian Condition: Riparian Vegetation	PA-40 Tucannon Reach	47. Plant Vegetation	1403. # of riparian acres treated	5.54 acres treated	
Snake River Steelhead	Tucannon River	TUS1B	Lower Tucannon - Mouth to Pataha	4.2: Riparian Condition: LWD Recruitment	pA-40 Tucannon Reach	47. Plant Vegetation		5.54 acres	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Asotin Creek	ACS1	Alpowa	1.1: Habitat Quantity: Anthropogenic Barriers	2016: Restore Alpowa Creek Fish Passage	85. Remove/Breach Fish Passage Barrier		15 miles	1 barrier removed w/22 miles above the structure: HWS source, NPT is the sponsor but I'm not sure if they have BPA funds on this as match
Snake River Steelhead	Asotin Creek	ACS2	Asotin Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2016: Head Gate Dam Removal	85. Remove/Breach Fish Passage Barrier		51.4 miles treated	1 barrier to be replace w/ 51.4 miles opened HWS Source ACCD & WDFW
Snake River Steelhead	Asotin Creek	ACS2	Asotin Creek	4.1: Riparian Condition: Riparian Vegetation	2016: IMW Riparian project(13-1405)	47. Plant Vegetation	1403. # of riparian acres treated	8.9 acre	
Snake River Steelhead	Asotin Creek	ACS2	Asotin Creek	4.1: Riparian Condition: Riparian Vegetation	Asotin Creek Riparian Protection Project (16-2092)	47. Plant Vegetation	1403. # of riparian acres treated	80 acres	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	4.1: Riparian Condition: Riparian Vegetation	Pintler Instream and Riparian Project	47. Plant Vegetation	1403. # of riparian acres treated	13 acres treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	4.2: Riparian Condition: LWD Recruitment	Pintler Instream and Riparian Project	47. Plant Vegetation	1403. # of riparian acres treated	13 acres treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	Pintler Instream and Riparian Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.66 miles treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Pintler Instream and Riparian Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.7 miles treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	6.1: Channel Structure and Form: Bed and Channel Form	Pintler Instream and Riparian Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.7 miles treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Pintler Instream and Riparian Project			0.7 miles treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	8.1: Water Quality: Temperature	Pintler Instream and Riparian Project	47. Plant Vegetation		0.7 miles treated	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pintler Instream and Riparian Project	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	9.49 miles	
Snake River Steelhead	Asotin Creek	ACS3	George Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Residue Management (no till farming practices)	48. Practice No-till and Conservation Tillage Systems	1404. # of upland acres treated	XX acres treated (EP will get back to us)	
Snake River Steelhead	Asotin Creek	ACS2	Asotin Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Residue Management - No till farming	48. Practice No-till and Conservation Tillage Systems	1404. # of upland acres treated	xx acres treated (EP to provide data)	