

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	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2014 CC RM 44 Phase II - Planting/Fencing	47. Plant Vegetation	1406. # of riparian miles treated	1.13 miles	Updated metric to 1.13 miles during EP LB. 104 acres consider in look forward as per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2013 CC RM 44 Phase I - Planting (1400')	47. Plant Vegetation	1406. # of riparian miles treated	0.27 miles	Updated to 0.27 miles during EP LB. Kirby, Fite, Smith properties- small scale planting. 5 acres consider in lookforward; as per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2014 CC RM 44 Phase II - Planting/Fencing	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.13 miles	Updated to 1.13 miles from 1.1m per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2013 CC RM 44 Phase I - Planting (1400')	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.27 miles	Updated to 0.27 miles (1400') from 1.5 miles during EP LB 12/3/15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2014 CC RM 44 Phase II - Side channels and Complexity	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.13 miles	Updated as per 13.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2015 CC RM 44 Phase III - Side channel w/ alcoves	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.66 miles	added per EP lookback 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2015 CC RM 44 Phase III - Side channels w/ alcoves	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.66 miles	Benefit to LF 5.2 floodplains from this project is low, although side channels increase activated floodplain capacity, updated per EP LB 12/3/2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	6.1: Channel Structure and Form: Bed and Channel Form	2014 CC RM 44 Phase II - Planting/Fencing/Stabilization	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.13 miles	Updated per EP LB 12/3/2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	6.1: Channel Structure and Form: Bed and Channel Form	2015 CC RM 44 Phase III - Side channels w/ alcoves	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.66 miles	added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	6.2: Channel Structure and Form: Instream Structural Complexity	CC RM 44 Phases I, II, & III - LWD / Instream complexity	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	Combined all 3 phases of instream work in this stretch. Updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2013 CC RM 44 Phase I - Stabilization (862')	47. Plant Vegetation	1406. # of riparian miles treated	0.16 miles	updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2014 CC RM 44 Phase II - Planting/Fencing/Stabilization	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.13 miles	updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2015 CC RM 44 Phase III - Side channels w/ alcoves	47. Plant Vegetation	1406. # of riparian miles treated	0.66 miles	updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2015 Catherine Creek RM 44 Phase III - Side Channels	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity		0 EP determined riparian planting has not realized growth that would have any temperature benefits. Updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2014 Catherine Creek RM 44 Phase II - Planting/Fencing	47. Plant Vegetation	1406. # of riparian miles treated		0 EP determined riparian planting has not realized growth that would have any temperature benefits. Updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2013 Catherine Creek RM 44 Phase I Planting (1400')	47. Plant Vegetation	1406. # of riparian miles treated		0 EP determined riparian planting has not realized growth that would have any temperature benefits. Updated per 12.3.15 EP lookback
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	Pipeline - Catherine Creek RM 44 Phase II Restoration	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0 (0.6 cfs future)	Per EP LB, will not start until 2016. 8,000 ft of pipeline, 0.6 cfs. Add to 2016 look forward. 12/3/2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	1.1: Habitat Quantity: Anthropogenic Barriers	2014 CC RM 44 - Phase II Push up dam removal. Smith and Southern Cross dams (Juvenile barriers)	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	18 miles, 2 barriers	Updated from 4 barriers to 2 removed per EP LB 12/3/2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2013 CC RM 44 Phase I - side channel habitat	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.16 miles	Added per EP LB. Phase I - Kirby, Fite and Smith properties. EP LB 12/3/2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	6.1: Channel Structure and Form: Bed and Channel Form	2013 CC RM 44 Phase I - Stabilization (862')	47. Plant Vegetation	1406. # of riparian miles treated	0.16 miles	updated per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	2013-2015 D Ricker TLT (RM 44-12)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.39 cfs	0.39 cfs in 10B, but only 0.31cfs in 10A. Lease is 2013-2017, then renewed 2018-2032. copied from AU USG10B as per EP LB 12/3/15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	2014-2015 Glen Smith Full (RM 46-12)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.22 cfs	copied from USG10B as per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	2014 Southern Cross Forbearance (RM 45.65-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.08 cfs	copied from USG10B as per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	2014-2015 D Ricker TLT Lease (RM 44-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.33 cfs	copied from USG10B as per EP LB 12.3.15; lease 2014-17