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	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2012 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.4 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2013 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.97 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2014 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	4.93 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2015 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.91 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	9.2: Water Quantity: Decreased Water Quantity	2012 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.4 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	9.2: Water Quantity: Decreased Water Quantity	2013 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.97 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	9.2: Water Quantity: Decreased Water Quantity	2014 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	4.93 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	9.2: Water Quantity: Decreased Water Quantity	2015 Leases - All Leases Combined	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.91 cfs	See steelhead AU UGS9A for list of individual leases used to calculate annual combined totals. The upstream flow acquisitions (e.g. from AU CCC3A) were then weighted based on the amount of impact to downstream AUs to calculate uplift during the 2015 EP LB. 12-4-15 -mh
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 Malmberg Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.26 cfs	2014 - 2018
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 Malmberg Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.26 cfs	2014 - 2018
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 Malmberg Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.26 cfs	2014 - 2018
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 Malmberg Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.26 cfs	2014 - 2018
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 Sheehy Lease (RM 15-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.53 cfs	2014 - 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 Sheehy Lease (RM 15-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.53 cfs	2014 - 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 Sheehy Lease (RM 15-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.53 cfs	2014 - 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 Sheehy Lease (RM 15-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.53 cfs	2014 - 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2012 Malmberg Split Season Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.19 cfs	2012 - 2014
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2013 Malmberg Split Season Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.19 cfs	2012 - 2014
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 Malmberg Split Season Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.19 cfs	2012 - 2014
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Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2013 Malmberg Split Season Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.19 cfs	2012 - 2014
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 Malmberg Split Season Lease (RM 18-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.19 cfs	2012 - 2014
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 DR 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	2014 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 DR 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	2014 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 DR 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	2014 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 DR 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	2014 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2013 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2013 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 DR 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)	0.31 cfs	2013 - 2032
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2013 LC Lease (0.38 cfs RM 16.5-13.5 / 0.3 cfs RM 13.5-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.38 cfs / 0.3 cfs	2013 - 2017. Aaron: TLT gives completely different numbers. .38 CFS from POD to LC, .30 CFS from LC to Davis, .15 from Davis to mouth
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 LC Lease (0.38 cfs RM 16.5-13.5 / 0.3 cfs RM 13.5-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.38 cfs / 0.3 cfs	2013 - 2017 Aaron: TLT gives completely different numbers. .38 CFS from POD to LC, .30 CFS from LC to Davis, .15 from Davis to mouth
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 LC Lease (0.38 cfs RM 16.5-13.5 / 0.3 cfs RM 13.5-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.38 cfs / 0.3 cfs	2013 - 2017 Aaron: TLT gives completely different numbers. .38 CFS from POD to LC, .30 CFS from LC to Davis, .15 from Davis to mouth
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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	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 LC Lease (0.38 cfs RM 16.5-13.5 / 0.3 cfs RM 13.5-11)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.38 cfs / 0.3 cfs	2013 - 2017. Aaron: TLT gives completely different numbers. .38 CFS from POD to LC, .30 CFS from LC to Davis, .15 from Davis to mouth
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Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2013 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2013 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 GR_CC_DS (RM 16.5 - 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)	0.12 cfs	2013 - 2017
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	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	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	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	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2014 GS SSL (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	2014 - 2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2015 GS SSL (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	2014 - 2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2014 GS SSL (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	2014 - 2015
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2015 GS SSL (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	2014 - 2015
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	Udpated 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	CCC5	N. & S. Forks Catherine Cr.	1.1: Habitat Quantity: Anthropogenic Barriers	2013 North Fork Catherine Creek Ford Removal (Partial juvenile barrier, flow dependent)	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	2 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	4.2: Riparian Condition: LWD Recruitment	2012 South Fork Catherine Creek Riparian Planting	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	4.5 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	4.1: Riparian Condition: Riparian Vegetation	2012 South Fork Catherine Creek Riparian Planting	47. Plant Vegetation	1406. # of riparian miles treated	4.5 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	8.1: Water Quality: Temperature	2012 South Fork Catherine Creek Riparian Planting	47. Plant Vegetation	1406. # of riparian miles treated	4.5 miles	
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	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2012 CC RM 37 Restoration	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.75 miles	

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	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 CC RM 37 Restoration	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.75 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	6.1: Channel Structure and Form: Bed and Channel Form	2012 CC RM 37 Restoration	30. Realign, Connect, and/or Create Channel	1753. # of miles of main channel treated in the freshwater non-tidal zone	0.75 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	6.2: Channel Structure and Form: Instream Structural Complexity	2012 CC RM 37 Restoration	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.75 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2012 CC RM 37 Restoration	180. Enhance Floodplain/Remove, Modify, Breach Dike	1403. # of riparian acres treated	4.8 acres	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2012 CC RM 37 Restoration	30. Realign, Connect, and/or Create Channel	1473. # of acres of wetland affected by treatment	0.4 acres	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	4.2: Riparian Condition: LWD Recruitment	2012 CC RM 37 Restoration	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.75 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	4.1: Riparian Condition: Riparian Vegetation	2012 CC RM 37 Restoration	47. Plant Vegetation	1406. # of riparian miles treated	0.75 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2012 South Fork CC Riparian planting, Road decommission, Instream complexity	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	4.5 miles	Added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	1.1: Habitat Quantity: Anthropogenic Barriers	Little Creek Diversion	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.5 miles	Partial barrier for juveniles. Added to CCC2C per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	4.1: Riparian Condition: Riparian Vegetation	CC Baum Restoration project	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	Added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	CC Baum Restoration project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	Added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	6.1: Channel Structure and Form: Bed and Channel Form	CC Baum Restoration project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	Added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	6.2: Channel Structure and Form: Instream Structural Complexity	CC Baum Restoration project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	Added per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2B	Lower Catherine Creek (State Ditch Diversion to old Grande Ronde River confluence)	8.1: Water Quality: Temperature	2013-2015 All Flow Projects Combined- Last 3 years (Davis RM 11 - mouth)	164. Acquire Water Instream	1452. Amount of water secured in acre-feet/year	0.76 cfs	Copied from UGS9A and added to this AU and CCC3B per EP LB 12.3.15
Snake River Spring/Summer Chinook	Catherine Creek	CCC2B	Lower Catherine Creek (State Ditch Diversion to old Grande Ronde River confluence)	9.2: Water Quantity: Decreased Water Quantity	2013-2015 All Flow Projects Combined- Last 3 years (Davis RM 11 - mouth)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.76 cfs	Copied from UGS9A and added to CCC3B per EP LB 12.3.15
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 UGS10B 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
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	4.2: Riparian Condition: LWD Recruitment	CC Baum Restoration project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	CC Baum Restoration project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	6.2: Channel Structure and Form: Instream Structural Complexity	2012 South Fork CC Riparian planting, Road decommission, Instream complexity	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	4.5 miles	Added during 2015 EP LB. Inputted 2/5/16 by MH.
Snake River Spring/Summer Chinook	Catherine Creek	CCC5	N. & S. Forks Catherine Cr.	4.1: Riparian Condition: Riparian Vegetation	Corral Creek LWD (2014-15)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0 miles*	*Note: This action was determined not to benefit chinook, as the tributary is small and very minimal spawning in the area. 1-mile total was included as a steelhead benefit. - MAH.3.8.2016

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	8.1: Water Quality: Temperature	2013 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	8.1: Water Quality: Temperature	2014 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	8.1: Water Quality: Temperature	2015 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	9.2: Water Quantity: Decreased Water Quantity	2013 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	9.2: Water Quantity: Decreased Water Quantity	2014 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	9.2: Water Quantity: Decreased Water Quantity	2015 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC3A	Beaver Creek	8.1: Water Quality: Temperature	2013 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC3A	Beaver Creek	8.1: Water Quality: Temperature	2014 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC3A	Beaver Creek	8.1: Water Quality: Temperature	2015 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3-4 cfs late summer	2013-2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC4	Meadow Cr. and Tributaries	4.1: Riparian Condition: Riparian Vegetation	2015 Meadow Creek Large Wood and Planting Project	47. Plant Vegetation	1406. # of riparian miles treated	7.25 miles	upstream of Chinook distribution
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC4	Meadow Cr. and Tributaries	4.2: Riparian Condition: LWD Recruitment	2015 Meadow Creek Large Wood and Planting Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7.25 miles	upstream of Chinook distribution
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC4	Meadow Cr. and Tributaries	6.2: Channel Structure and Form: Instream Structural Complexity	2015 Meadow Creek Large Wood and Planting Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7.25 miles	upstream of Chinook distribution
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC4	Meadow Cr. and Tributaries	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Meadow Creek Large Wood and Planting Project			7.25 miles	upstream of Chinook distribution
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC4	Meadow Cr. and Tributaries	8.1: Water Quality: Temperature	2015 Meadow Creek Large Wood and Planting Project			7.25 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC7	UGR & Tribs. (Meadowbrook Cr. To E. Fk.; Clear Cr. & E.Fk.)	4.1: Riparian Condition: Riparian Vegetation	2014 Upper Grande Ronde Small Wood and Pods	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	3 miles	*Updated from 2 miles to 3 miles in this AU during EP LB, to be consistent with attributing 5 miles of 8 miles total treatment to AU UGC5 . 12/1/2015.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC7	UGR & Tribs. (Meadowbrook Cr. To E. Fk.; Clear Cr. & E.Fk.)	4.2: Riparian Condition: LWD Recruitment	2014 Upper Grande Ronde Small Wood and Pods	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	3 miles	*Updated from 2 miles to 3 miles in this AU during EP LB, to be consistent with attributing 5 miles of 8 miles total treatment to AU UGC5 . 12/1/2015.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC7	UGR & Tribs. (Meadowbrook Cr. To E. Fk.; Clear Cr. & E.Fk.)	6.2: Channel Structure and Form: Instream Structural Complexity	2014 Upper Grande Ronde Small Wood and Pods	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	3 miles	*Updated from 2 miles to 3 miles in this AU during EP LB, to be consistent with attributing 5 miles of 8 miles total treatment to AU UGC5 . 12/1/2015.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	4.1: Riparian Condition: Riparian Vegetation	2012 Upper Grande Ronde Large Wood and Planting project	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	4.2: Riparian Condition: LWD Recruitment	2012 Upper Grande Ronde Small Wood and Pods	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Upper Grande Ronde Pod fencing	40. Install Fence	1488. # of river miles treated	1 mile, pod/planting exclusion only	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	8.1: Water Quality: Temperature	2012 Upper Grande Ronde Pod fencing	40. Install Fence	1488. # of river miles treated	1 mile, pod/planting exclusion only	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	4.1: Riparian Condition: Riparian Vegetation	2012 Upper Grande Ronde Pod fencing	40. Install Fence	1488. # of river miles treated	1 mile, pod/planting exclusion only	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	4.2: Riparian Condition: LWD Recruitment	2012 Upper Grande Ronde Pod fencing	40. Install Fence	1488. # of river miles treated	1 mile, pod/planting exclusion only	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	6.2: Channel Structure and Form: Instream Structural Complexity	2014 USFS-UGS Small wood and pods	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	5 miles*	*Updated from 8 miles to 5 miles in this AU during EP LB. 3 miles added to AU UGC7, keeping total treatment to 8miles. 12/1/2015.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC7	UGR & Tribs. (Meadowbrook Cr. To E. Fk.; Clear Cr. & E.Fk.)	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Upper Grande Ronde Small Wood and Pods	55. Erosion and Sedimentation Control		3 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	8.1: Water Quality: Temperature	2012 Upper Grande Ronde Large Wood and Planting project	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	Added Action to LF8.1 during re-review of LB 2018 and 2033 uplifts during EP LF. - MAH.3.8.2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Upper Grande Ronde Large Wood and Planting project	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	Added Action to LF7.2 during re-review of LB 2018 and 2033 uplifts during EP LF. - MAH.3.8.2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	1.1: Habitat Quantity: Anthropogenic Barriers	2015 Union Pacific Diversion 4' dam removal - USFS (Five Points Creek). Partial fish barrier, especially for Chinook	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier (11 miles)	Added during EP LF panel. Should have been included for chinook during EP LB. - MAH3.8.2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	6.2: Channel Structure and Form: Instream Structural Complexity	2015 Union Pacific Diversion Removal & LWD - Phase 1 (7 sites x 15pieces/site downstream)	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	Added 3.8.2016 -MAH
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.1: Riparian Condition: Riparian Vegetation	2014 Sheep Creek Large Wood and Planting Project	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Edited from 3 miles to 2.5 miles. Also, added to LF4.2 (in addition to LF 4.1) during EP LB 12/1/2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.1: Riparian Condition: Riparian Vegetation	2014 Chicken Creek Large Wood and Planting Project	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	Added to LF4.2 (in addition to LF 4.1) during EP LB 12/1/2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.2: Riparian Condition: LWD Recruitment	2014 Sheep Creek Large Wood and Planting Project	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Edited from 3 miles to 2.5 miles. Also, added to LF4.2 (in addition to LF 4.1) during EP LB 12/1/2015
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.2: Riparian Condition: LWD Recruitment	2014 Chicken Creek Large Wood and Planting Project	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	6.2: Channel Structure and Form: Instream Structural Complexity	2014 Sheep Creek Large Wood and Planting Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.5 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	6.2: Channel Structure and Form: Instream Structural Complexity	2014 Chicken Creek Large Wood and Planting Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Sheep Creek Large Wood and Planting Project			2.5 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Chicken Creek Large Wood and Planting Project			2 mile	Updated from 1 mile to 2-mile during EP LB 12/1/15. Excel spreadsheet reporting 1 mile was incorrect.