

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 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	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016 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	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016-2017 D Ricker New Lease / TLT (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)	0.34 cfs	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016-2032 D Ricker Lease (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	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016-2017 D. Schubert (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	
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)	0.6 cfs	0.6 cfs from 8,000 ft pipeline. Starts in 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2016-18 All Flow Projects 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 CFS (RM11 Davis-mouth)	
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	2016-18 All Flow Projects 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)	3.4 cfs average 2016-18 (including Boyd & Becker Little Creek)	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	8.1: Water Quality: Temperature	2016 - 2018 All Leases	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.9 CFS average	Average of all leases individually listed in LF9.2. 2016 EP LF determined ~3cfs average water acquisition is not significant enough to improve water temperatures, but future acquisitions may contribute enough water to reduce temperatures. -MAH3.9.16
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016-2021 T. Malmberg Split Season lease	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.25 cfs / RM15-11	2016-2021
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	Southern Cross Permanent Transfer (2017-on)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.075 cfs	
Snake River Spring/Summer Chinook	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande Ronde River confluence to Pyles Cr)	8.1: Water Quality: Temperature	2016 Boyd Little Creek SSL (Little Creek RM 3.54-0)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.21 CFS RM3.54-0 on Little Creek	Look Forward - *Confirm CC2C is the Correct AU for this action*
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	2016 Boyd Little Creek SSL (Little Creek RM 3.54-0)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.30 cfs	Note: 0.21 CFS RM3.54-0 on Little Creek
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2016: Catherine Creek RM-44 phase IV restoration			0.53 miles	(10 acres)
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2016: Southern Cross Property			0.8 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.1: Riparian Condition: Riparian Vegetation	2018: CC42 (Ricker Property)			0.67 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2016: Catherine Creek RM-44 phase IV restoration			0.53 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2017: CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2016: Southern Cross Property			0.8 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	4.2: Riparian Condition: LWD Recruitment	2018: CC42 (Ricker Property)			0.67 mile	
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	2017: CC-Hall Ranch			0.5 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
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	2016: Southern Cross Property			2.19 miles	11580 feet side channel = 2.19m
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	2018: CC42 (Ricker Property)			0.67 mile	
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	2017 CC-Hall Ranch			1 miles	Rerouting of side channel along Hwy 203, LWM additions TBD
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	2016: Southern Cross Property			0.8 miles	
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	2018: CC42 (Ricker Property)			0.67 mile	
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	2016 Catherine Creek RM-44 phase IV restoration			0.53 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	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
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	2016 Southern Cross Property			0.8 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	2018 CC42 (Ricker Property)			0.67 mile	
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	2016 Catherine Creek RM-44 phase IV restoration			0.53 miles	
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	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
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	2016 Southern Cross Property			0.8 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	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	6.2: Channel Structure and Form: Instream Structural Complexity	2018 CC42 (Ricker Property)			0.67 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Southern Cross Property			0.8 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2018 CC42 (Ricker Property)			0.67 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2016 Catherine Creek RM-44 phase IV restoration			0.53 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2017 CC-Hall Ranch			0.5 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2016 Southern Cross Property			0.8 miles	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	8.1: Water Quality: Temperature	2018 CC42 (Ricker Property)			0.67 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC4	Lower & Middle Catherine Cr. Tributaries	7.2: Sediment Conditions: Increased Sediment Quantity	2016:Little Creek Habitat Enhancement			1 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC4	Lower & Middle Catherine Cr. Tributaries	8.1: Water Quality: Temperature	2016:Little Creek Habitat Enhancement			1 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC4	Lower & Middle Catherine Cr. Tributaries	8.1: Water Quality: Temperature	2016:Little Creek Habitat Enhancement			1 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	CC44 Pipeline and Consolidation			0.6 cfs	Added during EP LF 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2016-2018 Charlson IL/TLT	164. Acquire Water Instream	1438. # of miles of primary stream reach improvement	0.47 cfs	
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	2016 Becker Little Creek Permanent Transfer	164. Acquire Water Instream	1452. Amount of water secured in acre-feet/year	0.21 cfs	
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	Davis to Mouth permanent	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	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	9.2: Water Quantity: Decreased Water Quantity	Add all water acquisitions - most are in CCC3A too			TBD - Use EP LF 2016 ss	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	4.1: Riparian Condition: Riparian Vegetation	2017 CC38 Habitat Enhancement Project	47. Plant Vegetation	1406. # of riparian miles treated	0.32 miles	Added during EP LF 2016. -mah3.9.16
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	4.2: Riparian Condition: LWD Recruitment	2017 CC38 Habitat Enhancement Project	47. Plant Vegetation	1406. # of riparian miles treated	0.32 cfs	Added during EP LF 2016
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	2017 CC38 Habitat Enhancement Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.11 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	2017 CC38 Habitat Enhancement Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.02 miles	100 feet of bank work- Added during EP LF 2016
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	2017 CC38 Habitat Enhancement Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.23 miles	1197 ft of bank stabilization. Added during EP LF 2016.
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	2017 CC38 Habitat Enhancement Project			0.32 miles	Add 21 LWD/100 meters over 1600 feet. Added during EP LF 2016
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To Swackhammer Diversion)	7.2: Sediment Conditions: Increased Sediment Quantity	2017 CC38 Habitat Enhancement Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.32 miles	Stabilization of eroded banks. Added during EP LF 2016.
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	1.1: Habitat Quantity: Anthropogenic Barriers	2018 CC Adult Weir	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	12.4 miles	Added during EP LF 2016
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	2016 Catherine Creek RM-44 phase IV restoration			0.14 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S Forks)	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Catherine Creek RM-44 phase IV restoration			0.53 mile	
Snake River Spring/Summer Chinook	Catherine Creek	CCCS	N. & S. Forks Catherine Cr.	1.1: Habitat Quantity: Anthropogenic Barriers	2018 CC Adult weir	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	14.7 miles	

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	UGC8	Sheep Cr. & Chicken Cr.	1.1: Habitat Quantity: Anthropogenic Barriers	2016 Sheep Creek Culvert Replacements	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	5 miles	2 culverts. Added LF1.1 and associated 1 culvert action during EP LF 2016. -MAH.3.8.2016
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	2016-17 Plant Skydd (Elk Browse control)	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	4.1: Riparian Condition: Riparian Vegetation	2016-17 Five Points Wood and planting actions	47. Plant Vegetation	1406. # of riparian miles treated	7 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	4.2: Riparian Condition: LWD Recruitment	2016-17 Five Points Wood and planting actions	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	8.1: Water Quality: Temperature	2016-17 Five Points Wood and planting actions	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7 miles	
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	2016-17 Five Points Wood and planting actions	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7 miles	Per LF EP 2016: 1003 pieces of wood will be added.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	4.1: Riparian Condition: Riparian Vegetation	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	6.2: Channel Structure and Form: Instream Structural Complexity	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	4.2: Riparian Condition: LWD Recruitment	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 2 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	6.1: Channel Structure and Form: Bed and Channel Form	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 2 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
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	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC5	UGR Mainstream (Meadow Cr. To Sheep Cr.)	4.2: Riparian Condition: LWD Recruitment	2016:Starkey Meadows			0.7 river miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	4.1: Riparian Condition: Riparian Vegetation	2018: Limber Jim Wood and Planting, including plant Skydd (Elk Browse control)			2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	4.2: Riparian Condition: LWD Recruitment	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse control)			2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	6.2: Channel Structure and Form: Instream Structural Complexity	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse control)			2 miles	2 mile treatment area with beaver dam analogues, and spanner logs.
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Limber Jim Road Decommissioning			0.82 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	8.1: Water Quality: Temperature	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse control)			2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2016-17 Five Points Wood and planting actions	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	7 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Five Points Wood and planting actions - ATV use exclusion	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	0.25 miles	0.25 miles in 2016-17. Additional benefit from ATV closures and travel management plan, 3 miles or more. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	7.2: Sediment Conditions: Increased Sediment Quantity	2016-17 Five Points Wood and planting actions	47. Plant Vegetation	1406. # of riparian miles treated	7 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC1A	Middle GR Mainstem (Five-Points Cr)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2016-17 Five Points Wood and planting actions	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	7 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2018 Bird Track springs project			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC2	Middle GR Mainstem (Five-Points Cr. To Meadow Cr.)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2018 Bird track springs project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles will be completed by 2018. -MAH3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC3A	Beaver Creek	8.1: Water Quality: Temperature	2016-2018 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 (seasonally)	Added during EP LF 2016. 7 year lease, with 5-year increments available after. -MAH.3.8.16
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	2016-17 Plant Skydd (Elk Browse control)	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.1: Riparian Condition: Riparian Vegetation	2016-17 Plant Skydd (Elk Browse control)	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.2: Riparian Condition: LWD Recruitment	2016-17 Plant Skydd (Elk Browse control)	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.1: Riparian Condition: Riparian Vegetation	2016 Sheep Creek Exclosure fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	4.2: Riparian Condition: LWD Recruitment	2016 Sheep Creek Exclosure fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC9	Limber Jim & Tribs. & Meadowbrook Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse control)			2 miles	Added during EP LF 2016. -MAH.3.8.16
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2016 Sheep Creek Exclosure fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	Added during EP LF 2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	7.2: Sediment Conditions: Increased Sediment Quantity	2016-17 Plant Skydd (Elk Browse control)			3 miles	Added during EP LF 2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	8.1: Water Quality: Temperature	2016-17 Plant Skydd (Elk Browse control)			3 miles	Added during EP LF 2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	8.1: Water Quality: Temperature	2016 Sheep Creek Exclosure fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	3 miles	Added during EP LF 2016