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	* *	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Catherine Creek	CCC3A	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	
	Catherine Creek	CCC3A	· · · · · ·	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	0.34 cfs	
Spring/Summer Chinook			Swackhammer Diversion)				acquisition in cubic-feet per second (cfs)		
	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	
Spring/Summer Chinook Snake River	Catherine Creek	CCC3A		9.2: Water Quantity: Decreased Water Quantity	2016-2017 D. Schubert (RM 16.5 - 12)	164. Acquire Water Instream		0.12 cfs	
Spring/Summer Chinook			Swackhammer Diversion)				acquisition in cubic-feet per second (cfs)		
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	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	0.6 cfs	0.6 cfs from 8,000 ft pipeline. Starts in 2016
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)				acquisition in cubic-feet per second (cfs)		
Snake River	Catherine Creek	CCC2C	Lower Catherine Creek (old Grande	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	4 CFS (RM11 Davis-mouth)	
Spring/Summer Chinook			Ronde River confluence to Pyles Cr)				acquisition in cubic-feet per second (cfs)		
Snake River	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	3.4 cfs average 2016-18 (including Boyd & Becker Little Creek)	
Spring/Summer Chinook Snake River	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To	8.1: Water Quality: Temperature	2016 - 2018 All Leases	164. Acquire Water Instream	acquisition in cubic-feet per second (cfs) 1453. Flow of water returned to the stream as prescribed in the water	2.9 CFS average	Average of all leases individually listed in LF9.2. 2016 EP LF determined ~3cfs
Spring/Summer Chinook			Swackhammer Diversion)				acquisition in cubic-feet per second (cfs)	Ű	average water acquisition is not significant enough to improve water
									temperatures, but future acquisitions may contribute enough water to
Snake River	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To	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	0.25 cfs / RM15-11	reduce temperaturesMAH3.9.16 2016-2021
Spring/Summer Chinook	outrenne oreek	0005/1	Swackhammer Diversion)	sizi mater quantity. See cased mater quantity			acquisition in cubic-feet per second (cfs)	0.25 0.57 11125 11	
Snake River	Catherine Creek	CCC3A		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	1.075 cfs	
Spring/Summer Chinook	Cathanina Caralı	66626	Swackhammer Diversion)	0.1. Weber Ovelik - Terrereture	2016 Devel Little Correly CCI / Little Correly D&A 2, 54, 0)	1C4 Annuine Makes Instances	acquisition in cubic-feet per second (cfs)		Lash Farmard & Carfing CC2C is the Connect All for this action #
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*
	Catherine Creek	CCC2C	· · ·	9.2: Water Quantity: Decreased Water Quantity	2016 Boyd Little Creek SSL (Little Creek RM 3.54-0)	164. Acquire Water Instream		0.30 cfs	Note: 0.21 CFS RM3.54-0 on Little Creek
Spring/Summer Chinook		00000	Ronde River confluence to Pyles Cr)				acquisition in cubic-feet per second (cfs)	0.52	((0,)
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S	4.1: Riparian Condition: Riparian Vegetation	2016: Catherine Creek RM-44 phase IV restoration			0.53 miles	(10 acres)
spring/summer chinook			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	4.1: Riparian Condition: Riparian Vegetation	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook		1	(Swackhammer Diversion to N. & S						
Snake River	Catherine Creek	CCC3B	Forks) Middle Catherine Creek	4.1: Riparian Condition: Riparian Vegetation	2016: Southern Cross Property			0.8 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S						
			Forks)						
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S	4.1: Riparian Condition: Riparian Vegetation	2018: CC42 (Ricker Property)			0.67 mile	
spring/summer chinook			Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	4.2: Riparian Condition: LWD Recruitment	2016: Catherine Creek RM-44 phase IV restoration			0.53 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	4.2: Riparian Condition: LWD Recruitment	2017: CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook	outrenne oreek	00055	(Swackhammer Diversion to N. & S						
			Forks)						
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S	4.2: Riparian Condition: LWD Recruitment	2016: Southern Cross Property			0.8 miles	
spring/summer enmoor			Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	4.2: Riparian Condition: LWD Recruitment	2018: CC42 (Ricker Property)			0.67 mile	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	5.1: Peripheral and Transitional Habitats: Side	2017: CC-Hall Ranch			0.5 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook			(Swackhammer Diversion to N. & S	Channel and Wetland Conditions					
Casha Diver	Cathaning Casal	CCC20	Forks) Middle Catherine Creek	C 1. Desighered and Transitional Universe. Cide	2016: Cauthara Casa Brannet			2.10	11500 foot side shares 1 - 2 10-5
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	(Swackhammer Diversion to N. & S	5.1: Peripheral and Transitional Habitats: Side Channel and Wetland Conditions	2016: Southern Cross Property			2.19 miles	11580 feet side channel = 2.19m
1 0			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek		2018: CC42 (Ricker Property)			0.67 mile	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)	Channel and Wetland Conditions					
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	5.2: Peripheral and Transitional Habitats: Floodplain	2017 CC-Hall Ranch			1 miles	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook		1	(Swackhammer Diversion to N. & S	Condition					
Snake River	Catherine Creek	CCC3B	Forks) Middle Catherine Creek	5.2: Peripheral and Transitional Habitats: Floodplain	2016: Southern Cross Pronerty		+	0.8 miles	
Spring/Summer Chinook	COLICE INC CIECK	CCC3D		Condition	2010. Southern cross rroperty			olo mico	
			Forks)						
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2018: CC42 (Ricker Property)			0.67 mile	
spring/summer chindok		1	(Swackhammer Diversion to N. & S Forks)	Condition					
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	6.1: Channel Structure and Form: Bed and Channel	2016 Catherine Creek RM-44 phase IV restoration			0.53 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S	Form					
Snake River	Catherine Creek	CCC3B	Forks) Middle Catherine Creek	6.1: Channel Structure and Form: Bed and Channel	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook			(Swackhammer Diversion to N. & S	Form					
		1	Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	6.1: Channel Structure and Form: Bed and Channel	2016 Southern Cross Property			0.8 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	6.1: Channel Structure and Form: Bed and Channel	2018 CC42 (Ricker Property)			0.67 mile	
Spring/Summer Chinook		1	(Swackhammer Diversion to N. & S	Form					
Snake River	Catherine Creek	CCC3B	Forks) Middle Catherine Creek	6.2: Channel Structure and Form: Instream Structural	2016 Catherine Creek RM-44 phase IV restoration			0.53 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S						
Carla Di an		00000	Forks)					4	
Snake River Spring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek (Swackhammer Diversion to N. & S	6.2: Channel Structure and Form: Instream Structural Complexity	2017 CC-Hall Kanch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
spinig/summer childok			Forks)						
Snake River	Catherine Creek	CCC3B	Middle Catherine Creek	6.2: Channel Structure and Form: Instream Structural	2016 Southern Cross Property			0.8 miles	
Spring/Summer Chinook		1	(Swackhammer Diversion to N. & S Forks)	Complexity					
		1	FUIRS)	L	L	1	L	1	1

inake River Spring/Summer Chinook		Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
pring/Summer Chinook	Catherine Creek	CCC3B	Middle Catherine Creek	6.2: Channel Structure and Form: Instream Structural	2018 CC42 (Ricker Property)			0.67 mile	
			(Swackhammer Diversion to N. & S	Complexity					
		_	Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	7.2: Sediment Conditions: Increased Sediment	2017 CC-Hall Ranch			1 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
pring/Summer Chinook			(Swackhammer Diversion to N. & S	Quantity					
		_	Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	7.2: Sediment Conditions: Increased Sediment	2016 Southern Cross Property			0.8 miles	
pring/Summer Chinook			(Swackhammer Diversion to N. & S	Quantity					
			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	7.2: Sediment Conditions: Increased Sediment	2018 CC42 (Ricker Property)			0.67 mile	
pring/Summer Chinook				Quantity					
			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	8.1: Water Quality: Temperature	2016 Catherine Creek RM-44 phase IV restoration			0.53 miles	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S						
			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	8.1: Water Quality: Temperature	2017 CC-Hall Ranch			0.5 mile	Rerouting of side channel along Hwy 203, LWM additions TBD
Spring/Summer Chinook			(Swackhammer Diversion to N. & S						
			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	8.1: Water Quality: Temperature	2016 Southern Cross Property			0.8 miles	
pring/Summer Chinook			(Swackhammer Diversion to N. & S						
andra Diven	Cathonian Casa'	00000	FORKS)	0.1. Weter Ouelity Terror	2010 CC12 (Birling Descent)			0.07 mile	
	Catherine Creek	CCC3B	Middle Catherine Creek	8.1: Water Quality: Temperature	2018 CC42 (Ricker Property)			0.67 mile	
Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)						
an la Diven	Catharing Carols	0000	10110)	7.2. Cadimant Canditians Januard Cadimant				1	
	Catherine Creek	CCC4	Lower & Middle Catherine Cr.	7.2: Sediment Conditions: Increased Sediment	2016:Little Creek Habitat Enhancement			1 mile	
pring/Summer Chinook	Cath asia a Casali	CCC4	Tributaries	Quantity	201 Cititale County Unkited Enhancement			1	
	Catherine Creek	CCC4	Lower & Middle Catherine Cr.	8.1: Water Quality: Temperature	2016:Little Creek Habitat Enhancement			1 mile	
pring/Summer Chinook	Calles to Card	0004	Tributaries					4	
	Catherine Creek	CCC4	Lower & Middle Catherine Cr. Tributaries	8.1: Water Quality: Temperature	2016:Little Creek Habitat Enhancement			1 mile	
pring/Summer Chinook	Cath asia a Casali	CCC24						0.6.4	
	Catherine Creek	CCC3A	Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	CC44 Pipeline and Consolidation			0.6 cfs	Added during EP LF 2016
Spring/Summer Chinook Snake River	Catherine Creek	CCC3A		0.2: 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	
Spring/Summer Chinook	catherine creek	CLUSA	Swackhammer Diversion)	9.2: Water Quantity: Decreased Water Quantity	2010-2018 Charlson IL/ IL1	104. Acquire Water Instream	1458. # of filles of primary stream reach improvement	0.47 crs	
	Catherine Creek	CCC2C	· · · · · · · · · · · · · · · · · · ·	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	
	catherine creek	LLLZL	Ronde River confluence to Pyles Cr)	9.2. Water Quantity. Decreased water Quantity	2010 Becker Little Creek Permanent Transfer	104. Acquire Water Instream	1452. Allount of water secured in acte-reet/year	0.21 CIS	
Spring/Summer Chinook	Catherine Creek	CCC2C		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	0.76 cfs	
Spring/Summer Chinook	Catherine Creek	CCC2C	Ronde River confluence to Pyles Cr)	5.2. Water Quantity. Decreased Water Quantity	Davis to would permanent	104. Acquire Water instream	acquisition in cubic-feet per second (cfs)	0.70 crs	
	Catherine Creek	CCC3B	Middle Catherine Creek	9.2: Water Quantity: Decreased Water Quantity	Add all water acquisitions - most are in CCC3A too			TBD - Use EP LF 2016 ss	
pring/Summer Chinook	Catherine Creek	CCC3D	(Swackhammer Diversion to N. & S	5.2. Water Quantity. Decreased Water Quantity	Add an water acquisitions - most are in eccose too			100 - 03e LF LI 2010 33	
Jing/Junner Chinook			(Swackhammer Diversion to N. & S						
inake River	Catherine Creek	CCC3A	Middle Catherine Creek (Pyles Cr. To	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 2016mah3.9.16
pring/Summer Chinook	cutienie creek	CCCSA	Swackhammer Diversion)	4.1. Riparian contration. Riparian vegetation		47. Hunc vegetation	1400. # of riparian miles created	0.52 miles	
	Catherine Creek	CCC3A	· · · · · · · · · · · · · · · · · · ·	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
Spring/Summer Chinook	cutienie creek	CCCSA	Swackhammer Diversion)	4.2. Riparian condition. EWD Recruitment		47. Hunc vegetation	1400. # of riparian miles created	0.52 013	
	Catherine Creek	CCC3A		5.1: Peripheral and Transitional Habitats: Side	2017 CC38 Habitat Enhancement Project	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.11 miles	
pring/Summer Chinook			Swackhammer Diversion)	Channel and Wetland Conditions					
	Catherine Creek	CCC3A			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
pring/Summer Chinook			Swackhammer Diversion)	Condition		·····			0
	Catherine Creek	CCC3A		6.1: Channel Structure and Form: Bed and Channel	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.
pring/Summer Chinook			Swackhammer Diversion)	Form		·····	· · · · · · · · · · · · · · · · · · ·		
	Catherine Creek	CCC3A		6.2: Channel Structure and Form: Instream Structural	2017 CC38 Habitat Enhancement Project			0.32 miles	Add 21 LWD/100 meters over 1600 feet. Added during EP LF 2016
pring/Summer Chinook			Swackhammer Diversion)	Complexity					
	Catherine Creek	CCC3A		7.2: Sediment Conditions: Increased Sediment	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.
pring/Summer Chinook			Swackhammer Diversion)	Quantity		i i internetionality	P		
	Catherine Creek	CCC3B	Middle Catherine Creek	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	12.4 miles	Added during EP LF 2016
pring/Summer Chinook			(Swackhammer Diversion to N. & S				likely limit of habitable range		-
-			Forks)						
inake River (Catherine Creek	CCC3B	Middle Catherine Creek	5.1: Peripheral and Transitional Habitats: Side	2016 Catherine Creek RM-44 phase IV restoration			0.14 mile	
pring/Summer Chinook			(Swackhammer Diversion to N. & S	Channel and Wetland Conditions					
			Forks)						
	Catherine Creek	CCC3B	Middle Catherine Creek	7.2: Sediment Conditions: Increased Sediment	2016 Catherine Creek RM-44 phase IV restoration			0.53 mile	
nake River									1
			(Swackhammer Diversion to N. & S	Quantity					
inake River Spring/Summer Chinook			(Swackhammer Diversion to N. & S Forks)	Quantity					
Spring/Summer Chinook	Catherine Creek	CCC5	(Swackhammer Diversion to N. & S Forks) N. & S. Forks Catherine Cr.	Quantity 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	14.7 miles	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River	Grande Ronde River upper	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	5 miles	2 culverts. Added LF1.1 and associated 1 culvert action during EP LF 2016
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC7	LIGR & Tribs (Meadowbrook Cr. To F	4.1: Riparian Condition: Riparian Vegetation	2016-17 Plant Skydd (Elk Browse control)	47. Plant Vegetation	likely limit of habitable range 1406. # of riparian miles treated	2.5 miles	MAH.3.8.2016 Added during EP LF 2016MAH.3.8.16
Spring/Summer Chinook		000	Fk.; Clear Cr. & E.Fk.)	4.1. Aparan condition. Aparlan vegetation		47. Hant Vegetation	1400. Wol hpanar miles d'eaceu	2.5 miles	Added during EF EF 2010. WAINSB.10
Snake River	Grande Ronde River upper	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	
Spring/Summer Chinook Snake River	Grande Ronde River upper	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	
Spring/Summer Chinook	mainstem								
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	Grande Ronde River upper	UGC1A	Middle GR Mainstem (Five-Points Cr)	6.2: Channel Structure and Form: Instream Structural	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.
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC2	Middle GR Mainstom (Eive Reints Cr.	Complexity 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
Spring/Summer Chinook		0002	To Meadow Cr.)	4.1. Riparan Condition. Riparan vegetation	2010 Bird Hack Springs			1.55 miles	will be completed by 2018MAH.3.8.16
Snake River	Grande Ronde River upper	UGC2		6.2: Channel Structure and Form: Instream Structural	2018 Bird Track Springs			1.59 miles	EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC2	To Meadow Cr.) Middle GR Mainstem (Five-Points Cr.	Complexity 4.2: Riparian Condition: LWD Recruitment	2018 Bird Track Springs			1.59 miles	will be completed by 2018MAH3.8.16 EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 2 miles will
Spring/Summer Chinook	mainstem		To Meadow Cr.)	-					be completed by 2018MAH3.8.16
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 2018MAH3.8.16
Snake River	Grande Ronde River upper	UGC2		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
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC2	To Meadow Cr.) Middle GR Mainstem (Five-Points Cr.	8 1- Water Quality: Temperature	2018 Bird Track Springs			1.59 miles	will be completed by 2018MAH3.8.16 EP LF 2016: Overall action stretch covers appx 4.5 miles, but anticipate only 1.59 miles
Spring/Summer Chinook		0002	To Meadow Cr.)	6.1. Water Quarty. remperature	2010 Bird Hack Springs			1.55 miles	will be completed by 2018MAH3.8.16
Snake River	Grande Ronde River upper	UGC5		4.2: Riparian Condition: LWD Recruitment	2016:Starkey Meadows			0.7 river miles	
Spring/Summer Chinook Snake River	Grande Ronde River upper	UGC9	Sheep Cr.) Limber Jim & Tribs. & Meadowbrook	4.1: Riparian Condition: Riparian Vegetation	2018: Limber Jim Wood and Planting, including plant Skydd (Elk Browse			2 miles	
Spring/Summer Chinook	mainstem		Cr.		control)				
Snake River	Grande Ronde River upper	UGC9	Limber lim & Tribs & Meadowbrook	4.2: Riparian Condition: LWD Recruitment	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse			2 miles	
Spring/Summer Chinook		0005	Cr.		control)			2 miles	
Snake River Spring/Summer Chinook	Grande Ronde River upper	UGC9	Limber Jim & Tribs. & Meadowbrook	6.2: Channel Structure and Form: Instream Structural	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.
spring/summer Chinook	mainstem		cr.	Complexity	control)				
Snake River	Grande Ronde River upper	UGC9	Limber Jim & Tribs. & Meadowbrook	7.2: Sediment Conditions: Increased Sediment Quantity	2017 Limber Jim Road Decommissioning			0.82 miles	
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC9	Cr. Limber Jim & Tribs. & Meadowbrook	8.1: Water Quality: Temperature	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse			2 miles	
Spring/Summer Chinook	mainstem		Cr.		control)				
Snake River Spring/Summer Chinook	Grande Ronde River upper	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	Grande Ronde River upper	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
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	110014	Middle CD Mainstern (Fire Dainte 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	plan, 3 miles or moreMAH3.8.16
Spring/Summer Chinook		UGCIA	windule GR Mainstein (Five-Points Cr)	7.2. Sediment Conditions. Increased Sediment Quantity	2010-17 Five Points wood and planting actions	47. Plant Vegetation	1400. # Of riparian miles treated	/ miles	
Snake River	Grande Ronde River upper	UGC1A	Middle GR Mainstem (Five-Points Cr)	5.2: Peripheral and Transitional Habitats: Floodplain	2016-17 Five Points Wood and planting actions	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	7 miles	
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC2	Middle GR Mainstem (Five-Points Cr.	Condition 5.1: Peripheral and Transitional Habitats: Side Channel and	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
spring/summer ennook	mainstem		To Meadow Cr.)	Wetland Conditions					will be completed by 2018MAH3.8.16
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 2018MAH3.8.16
Snake River	Grande Ronde River upper	UGC3A	Beaver Creek	8.1: Water Quality: Temperature	2016-2018 City Of Lagrande Reservoir Beaver Creek releases	164. Acquire Water Instream		3-4 cfs (seasonally)	Added during EP LF 2016. 7 year lease, with 5-year increments available after
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC7	UGR & Tribs. (Meadowbrook Cr. To F	4.2: Riparian Condition: LWD Recruitment	2016-17 Plant Skydd (Elk Browse control)	47. Plant Vegetation	acquisition in cubic-feet per second (cfs) 1406. # of riparian miles treated	2.5 miles	MAH.3.8.16 Added during EP LF 2016MAH.3.8.16
Spring/Summer Chinook			Fk.; Clear Cr. & E.Fk.)						-
Snake River	Grande Ronde River upper	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 2016MAH.3.8.16
Spring/Summer Chinook Snake River	Grande Ronde River upper	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	
di di si	mainstem					10 1 1 1 5		a 11	
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 2016MAH.3.8.16
Snake River	Grande Ronde River upper	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 2016MAH.3.8.16
Spring/Summer Chinook Snake River	mainstem Grande Ronde River upper	UGC9	Limber Jim & Tribs. & Meadowbrook	7.2: Sediment Conditions: Increased Sediment Quantity	2018 Limber Jim Wood and Planting, including plant Skydd (Elk Browse			2 miles	Added during EP LF 2016MAH.3.8.16
Spring/Summer Chinook	mainstem		Cr.		control)				
Snake River	Grande Ronde River upper	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
Spring/Summer Chinook Snake River	Grande Ronde River upper	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
Spring/Summer Chinook		UGC8	Shoop Cr. 9. Chicker Cr.	R 1. Water Quality Temperature	2016-17 Plant Skvdd (Elk Browse control)			2 miles	Added during ED LE 2016
Snake River Spring/Summer Chinook	Grande Ronde River upper mainstem	UGC8	Sheep Cr. & Chicken Cr.	8.1: Water Quality: Temperature	2010-17 Plant Skydd (Elk Browse control)			3 miles	Added during EP LF 2016
Snake River	Grande Ronde River upper	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
Spring/Summer Chinook	mainstem					1			