NOTES:

This workbook contains habitat actions data downloaded directly from the Taurus database. Actions include those documented during the **Look Forward** process covering the **2016-2018** work window.

Individual sheets contain habitat actions data for individual populations for Chinook.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	East Fork Salmon River	EFC1	EF Salmon River	9.2: Water Quantity: Decreased Water Quantity	Big Boulder Diversions	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)		Wont happen before 2018 Reduce duty of water from BLM water rights on 11.6 acres of BLM irrigated by Jr. Baker. Current 2.35 cfs (0.21 cfs/acre); if 0.03 cfs/acre = 0.35 cfs.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Canyon Creek - Highway 29 Bridge - IDFG	184. Install Fish Passage Structure	1563. # of barriers in the freshwater zone	3.65 miles	prorated 25%=0.9125 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Timber Creek - Lee Creek Road Bridge - IDFG	184. Install Fish Passage Structure			removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek - Lee Creek Road Bridge - IDFG	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Timber Creek -02 diversion removal- IDFG	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	modified as per EP lookforward 3.22.16. Prorated 100%
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Timber Creek -02 diversion removal- IDFG	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Timber Creek -Carey Act Dam Fish Screen - IDFG	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	10 miles	prorated 50%=5 miles by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Timber Creek -Carey Act Dam Fish Screen - IDFG	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Eighteenmile Creek-Oxbow Culvert to Bridge - IDFG	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		won't happen before 2018 as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Big Eightmile Creek Culvert to Bridge - IDFG	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		won't happen before 2018 as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Tower Creek Forks Open Bottom Culvert to Bridge - IDFG	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		won't happen before 2018 as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Agency Creek -01 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Agency Creek -02 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Agency Creek -03 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Agency Creek -04 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Canyon Creek -03 Fish Screen - IDFG - Beyeler	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	2.5 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Hawley Creek -02 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	6.91 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek -02	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek -10/11 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek -05 Fish Screen - IDFG - Ellsworth	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	4 cfs	modified as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek -Carey Act Dam Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	27.8 cfs	modifieid as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Pratt Creek -01 Fish Screen - IDFG - Juliana	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0.86 cfs	as per EP Lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Pratt Creek -02 Fish Screen - IDFG - Snooks	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	2 cfs	cfs TBD as per EP Lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Pratt Creek -03 and 04 Fish Screen - IDFG - Lower Moulton	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	5 cfs	modifieid as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Bohannon-01 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)		removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-10 Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-58B Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-58C Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-59 Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-60 Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-3AO Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L-45 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	LBSC-05 Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Tower Creek -03 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookfoward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Bohannon 3 Elimination - Source Switch - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	8.3 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lower Lemhi 2016-2017 Minimum Flow Agreement - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	18.25 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Wimpey Creek Restoration - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.75 miles	Prorated 20% to 0.15 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Wimpey Creek Restoration - TU	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.75 miles	Prorated 75% = 0.5625 treated stream miles by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Wimpey Creek Restoration - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.75 miles	50% proration = 0.375 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Wimpey Creek Restoration - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.75 miles	10% proration = 0.075 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Wimpey Creek Restoration - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.75 miles	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Pratt Creek Restoration - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.3 miles	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Pratt Creek Restoration - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.3 miles	prorated 20% to 0.06 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Pratt Creek Restoration - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.3 miles	50% proration = 0.15 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Pratt Creek Restoration - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.3 miles	Prorated 100%
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Agency Creek Road Lower Culvert to Bridge Access - LSWCD	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.1 miles	prorated 25%=0.275 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Agency Creek Road Culvert to Bridge Access - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Agency Creek Tendoy Memorial Culvert to Bridge Access - LSWCD	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		won't happen before 2018 as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Canyon Creek C-3 Beyeler Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.2 miles	as per EP lookforward 3.22.16; prorated 50%=0.6 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Canyon Creek C-3 Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Carmen Creek Access and Flow Enhancement (L. Bills) - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.2 miles	prorated 25%=0.3 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Carmen Creek Access and Flow Enhancement (L. Bills) - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Carmen Creek Access and Flow Enhancement (L. Bills) - LSWCD	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	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Carmen Slavin-Barsalou ditch Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.1 miles	prorated 25%=0.275 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Carmen Slavin-Barsalou ditch Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Carmen Slavin-Barsalou ditch Access and Flow Enhancement - LSWCD	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	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Eighteenmile Access and Flow Enhancement (Beyelers push up dam) - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.65 miles	modified as per EP lookforward 3.22.16; prorated 25%=0.1625 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Eighteenmile Access and Flow Enhancement (Beyelers push up dam) - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Hawley Creek LHaC-01 Access and Flow Enhancement - LSWCD - Tylers diversion	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	4.0 miles	prorated 75%=3 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Hawley Creek LHaC-01 Access and Flow Enhancement - LSWCD - Tyler's diversion	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Hawley Creek LHaC-02 Access and Flow Enhancement - LSWCD - mouth of canyon	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	2.1 miles	1 barrier prorated 25%=0.525 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Hawley Creek -02 Consolidation - LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.09 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Middle Eighteenmile Creek Breashear diversion removal Irrigation Improvement Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	2.64 miles	prorated 75%=1.98 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Middle Eighteenmile Creek Breashear diversion removal Irrigation Improvement Access and Flow Enhancement - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Middle Eighteenmile Creek Irrigation Improvement Access and Flow Enhancement - LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.2 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Mulkey) - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.5 miles	prorated 50%=0.25 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Mulkey) - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Snook) - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.4 miles	prorated 25%=0.1 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Snook) - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Pratt Creek 02 Access and Flow Enhancement (Snook) - LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.56 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek-Lemhi Backroad Culvert to Bridge Access - LSWCD	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.0 miles	prorated 50%=0.5 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Pratt Creek 02 Access and Flow Enhancement (Snook) - LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.56 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek-Lemhi Backroad Culvert to Bridge Access - LSWCD	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.0 miles	prorated 50%=0.5 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek-Lemhi Backroad Culvert to Bridge Access - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Moulton) - LSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.5 miles	prorated 25%=0.125 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Access and Flow Enhancement (Moulton) - LSWCD	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Pratt Creek Access and Flow Enhancement (Moulton) - LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.5 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber Creek -08 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	removed as per EP lookfoward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Lower Lemhi Stream Restoration (L-3AO) - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.5 miles	fencing too 10% proration = 0.05 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Lower Lemhi Stream Restoration (L-3AO) - LSWCD	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	50% proration = 0.25 stream miles treated by 2018 Modify and/or relocate push-up diversion at L-3aO on Lemhi River & restore habitat complexity
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Lower Lemhi Stream Restoration (L-3AO) - LSWCD	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	fencing; 2% proration = 0.01 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	8.1: Water Quality: Temperature	Lower Lemhi Stream Restoration (L-3AO) - LSWCD	47. Plant Vegetation	1406. # of riparian miles treated	0.5 miles	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Little Sawmill Creek Restoration - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.2 miles	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Little Sawmill Creek Restoration - LSWCD	47. Plant Vegetation	1406. # of riparian miles treated	0	Removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Little Sawmill Creek Restoration - LSWCD	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0	wrong AU as per EP lookfoward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Hawley Creek Beaver Analogs			2 miles	added as per Expert Panel lookforward 3.22.16; 10% proration = 0.2 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Hawley Creek Beaver Analogs			2 miles	added as per Expert Panel lookforward 3.22.16 50% proration = 1 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Eighteenmile Creek Riparian Fencing	40. Install Fence	1488. # of river miles treated	0	Removed as per EP lookforward 3.22.16 Lower Kruckeberg field, fence 1 mile of stream
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Eighteenmile Creek Riparian Fencing	40. Install Fence	1488. # of river miles treated	0	Removed as per EP lookforward 3.22.16 Lower Kruckeberg field, fence 1 mile of stream
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Eighteenmile Creek Tyler Propert			0.5 miles	added as per EP lookforward 3.22.16 3% proration = 0.0125 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Eighteenmile Creek Riparian Fencing	40. Install Fence	1488. # of river miles treated	1 mile	Lower Kruckeberg field, fence 1 mile of stream
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	L8A Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)	0	Replace fish screen, possibly add capacity, removed as per EP Lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Big Timber 6 Screens	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	0	Install fish screens for 60 cfs on 6 diversions, removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Stokes Bank Lower Lemhi Rehabilitation - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.07 miles	Stabilize an eroding bank and create habitat complexity using LWD and large rock; 5% proration = 0.0035 stream miles treated by 2018

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Stokes Bank Lower Lemhi Rehabilitation - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.07 miles	Stabilize an eroding bank and create habitat complexity using LWD and large rock 10% proration = 0.01 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Stokes Bank Lower Lemhi Rehabilitation - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.07 miles	Stabilize an eroding bank and create habitat complexity using LWD and large rock 1% proration = 0.0007 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.16 miles	Restore 2 miles of the Lemhi river to a more natural floodplain; construct anabranching channels and other lateral habitat, and increase habitat complexity by installing LWD ; 5% proration = 0.108 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.1 miles	Restore 2 miles of the Lemhi river to a more natural floodplain; construct anabranching channels and other lateral habitat, and increase habitat complexity by installing LWD Phase I-prorated 75% for .825 stream miles of treatment by 2018 Phase II-prorated 50% for .179924 stream miles of treatment by 2018 Phase III-prorated 75% for .525 stream miles of treatment by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.1 miles	Restore 2 miles of the Lemhi river to a more natural floodplain; construct anabranching channels and other lateral habitat, and increase habitat complexity by installing LWD 75% proration = 1.62 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.1 miles	Restore 2 miles of the Lemhi river to a more natural floodplain; construct anabranching channels and other lateral habitat, and increase habitat complexity by installing LWD Phases I, II, & 3, each 5% proration = total 0.108 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	8.1: Water Quality: Temperature	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.1 miles	Restore 2 miles of the Lemhi river to a more natural floodplain; construct anabranching channels and other lateral habitat, and increase habitat complexity by installing LWD
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	1.3: Habitat Quantity: HQ-Competition	Thor Upper Lemhi River Channel Restoration - IDFG			0	Expert Panel chose to delete this action, EP lookforward 3.22.16 Re-establish flow in a good quality 1/2 mile segment of the upper Lemhi River
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Thor Upper Lemhi River Channel Restoration - IDFG	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0	Re-establish flow in a good quality 1/2 mile segment of the upper Lemhi River 0.5 miles, move to 6.2 once its been created
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Bohannon Creek 3 Diversion Removal - IDFG	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	10 miles	Restore flow to lower Bohannon Creek by removing the lowest diversion, spilling this water to the Lemhi, and pumping back to place of use. prorated 50%=1.625 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Bohannon Creek 3 Diversion Removal - IDFG	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	8.5 cfs	Restore flow to lower Bohannon Creek by removing the lowest diversion, spilling this water to the Lemhi, and pumping back to place of use.
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	8.1: Water Quality: Temperature	Stokes Lemhi Floodplain Restoration - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	Create side channels, create habitat complexity, and restore floodplain along 0.25 miles of the Lemhi River
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Eighteenmile Creek & Hwy 29 Culvert to Bridge - IDFG	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1 mile	Restore fish passage on lower Eighteenmile Creek by replacing a 36" culvert with a 60' span bridge prorated 50%=0.5 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Lemhi Little Springs Creek: LSC-2 Diversion Closure/Water Rights Exchange to L-51a - IDFG	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3.5 miles	Remove 1 unscreened diversion from Little Springs Creek, return 1.2 cfs of flow to allow 3.5 miles of access prorated 25%=0.875 by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Lower Big Eightmile: Flow Enhancement - Big Eightmile Creek			0	Removed as per EP lookforward 3.22.16 2.96 cfs for 3 miles on Big Eightmile Creek
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Lower Big Eightmile: Flow Enhancement - Big Eightmile Creek			0	Removed as per EP lookforward 3.22.16 2.96 cfs for 3 miles on Big Eightmile Creek
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Lower Big Eightmile: Flow Enhancement - Big Eightmile Creek			3 miles	2.96 cfs for 3 miles on Big Eightmile Creek
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Lower Big Eightmile: Flow Enhancement - L58a, LBSC-05 Ditch Consolidation	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 cfs	L-58a, LBSC-05 Ditch consolidation-improved flow & connectivity in 1 mile Lower Big Eightmile and Lower Lee Creeks
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pratt Creek Ranch Conservation Easement - TNC	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0	removed as per EP lookforward
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Pratt Creek Ranch Conservation Easement - TNC			0.5 miles	10% proration = 0.03 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Lower Big Eightmile: Flow Enhancement - L58a, LBSC-05 Ditch Consolidation	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0	L-58a, LBSC-05 Ditch consolidation-improved flow & connectivity in 1 mile Lower Big Eightmile and Lower Lee Creeks; Removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Lower Big Timber: Fencing and Bank Stabilization	40. Install Fence	1401. # of miles of fence installed in a riparian area	0	Removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Lower Big Timber: Fencing and Bank Stabilization	40. Install Fence	1401. # of miles of fence installed in a riparian area	0	Removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Eighteenmile Creek Tyler Property	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	added as per Expert Panel lookforward 3.22.16; Prorated 5% = 0.025 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Eighteen mile Creek Tyler Propery	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	added as per Expert Panel lookforward 3.22.16 3% proration = 0.0125 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Texas Creek Tyler Property			0.5 miles	added as per Expert Panel lookforward 3.22.16 3% proration = 0.0125 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Lower Big Timber: Fencing and Bank Stabilization	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.3 miles	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Wimpey Creek 1 Diversion Modification	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0	Modify WC-1 diversion to restore access on 0.5 miles of Wimpey Crk- Removed as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Canyon Creek C4 Tyler	84. Remove/Install Diversion		2 miles	as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Canyon Creek 04 Screen			2.06	added as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Pratt Creek - 04 Screen IDFG-Upper Moulton	69. Install Fish Screen		15 cfs	added as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Sandy Creek Screen - Mulkey	84. Remove/Install Diversion		0.5	added as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Hawley Creek Beaver Analogs	47. Plant Vegetation		2 miles	added as per EP lookforward 3.22.16; prorated 10% to 0.2 miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Hawley Creek Beaver Analogs			2 miles	added as per EP lookfoward 3.22.16; Prorated 50% = 1 stream mile treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Eighteen mile Creek Tyler Property	47. Plant Vegetation		0.5 miles	added as per EP lookfoward 3.22.16; prorated 10% to 0.05 stream miles treated by 2018

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	4.1: Riparian Condition: Riparian Vegetation	Texas Creek Tyler property	47. Plant Vegetation		0.5 miles	added as per Expert Panel lookforward 3.22.16; Prorated 10% to 0.05 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Eighteen mile creek Tyler Property			0.5 miles	added as per Expert Panel lookforward 3.22.16 Prorated 5% = 0.025 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Texas Creek Tyler Property			0.5 miles	added as per Expert Panel lookforward 3.22.16 Prorated 5% = 0.025 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Texas Creek Tyler property			0.5 miles	added as per Expert Panel lookforward 3.22.16 prorated 5% = 0.025 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Hawley Creek Beaver Analogs			2 miles	added as per Expert Panel lookforward 3.22.16 prorated 20%=0.4 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.1: Channel Structure and Form: Bed and Channel Form	Little Sawmill Creek	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.2	moved to this AU as per EP lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Texas Creek Tyler Property			0.5 miles	added as per Expert Panel lookforward 3.22.16 3% proration = 0.0125 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Little Sawmill Creek				Actually located in LRC2 0.2 miles
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Canyon 04 - Tyler			4.44 cfs	conveyance improvement
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Sandy Creek Mulkey			0.5	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Hawley Creek 02			6.91 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Big Timber Ellsworth			4 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Bigh Timber Carey			27.8 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Pratt 01			0.86	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Pratt 03 & 04 Lower Moulten			5 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Pratt 02 Snook			2 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Canyon 04			2.06 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Pratt 04			15 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	8.1: Water Quality: Temperature	Sandy			0.5 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	8.1: Water Quality: Temperature	Little Sawmill Creek	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.2	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Little Sawmill Creek	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.2	50% proration = 0.10 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Little Sawmill Creek	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.2 miles	2% proration = 0.004 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Big Timber 02 - Tyler diversion			2.53 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	2.3: Injury and Mortality: Mechanical Injury	L8A fish screen				No benefit by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Fourth of July Creek -01 Fish Screen - IDFG			1 cfs	added as per lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Fourth of July Creek -02 Fish Screen - IDFG			1 cfs	added as per lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Fourth of July Creek -03 Fish Screen - IDFG			2 cfs	added as per lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	2.3: Injury and Mortality: Mechanical Injury	Fourth of July Creek -04 Fish Screen - IDFG			4 cfs	added as per lookforward 3.22.16
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Lemhi Restoration on Tyler Property	47. Plant Vegetation		0.8	added during EP lookforward 3.22.16; 5% proration = 0.04 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Big Spring Restoration	47. Plant Vegetation		1 mile	added by EP lookforward 3.22.16 5% proration = 0.05 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	4.1: Riparian Condition: Riparian Vegetation	Little Sawmill planting	40. Install Fence		0.02	moved from LRC1 5% proration = 0.01 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Big Springs Restoration			1 mile	added as per EP lookforward 3.22.16 prorated 20% for .2 stream miles of treatment by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Lemhi Restoration (Tyler Property)			0.8 miles	added as per EP lookforward 3.22.16 prorated 20% for .16 stream miles of treatment by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Lemhi Restoration (Tyler Property)			0.8 miles	added during lookforward 10% proration = 0.08 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.1: Channel Structure and Form: Bed and Channel Form	Big Springs Restoration			1 mile	added during lookforward 35% proration = 0.35 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Lower Lemhi Stream Restoration (L-3AO) - LSWCD	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	50% proration = 0.25 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Stokes Bank Lower Lemhi Rehabilitation - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.07 miles	40% proration = 0.03 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Lower Lemhi Rehabilitation: Eagle Valley Phases 1-3 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	2.1 miles	Phase I - 65% proration = 0.72 stream miles treated by 2018 Phase II - 50% proration = 0.18 stream miles treated by 2018 Phase III - 50% proration = 0.35 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Thor Upper Lemhi River Channel Restoration - IDFG	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.5 miles	20% proration = 0.10 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Little Sawmill Creek	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.2 miles	50% proration = 0.10 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Lemhi Restoration (Tyler Property)			0.8 miles	added during look forward 20% proration = 0.16 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Big Springs Restoration			1 mile	60% proration = 0.60 stream miles treated by 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Big Spring Restoration	47. Plant Vegetation		1 mile	added during look forward 5% proration = 0.05 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Lemhi Restoration on Tyler Property	47. Plant Vegetation		0.8 miles	added during look forward 5% proration = 0.04 stream miles treated in 2018
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Big Springs Creek Minimum Flow			15 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	L-63			8.64 cfs	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Canyon 04 - Tyler			4.44 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Hawley Creek -02 Consolidation - LSWCD			2.09	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Pratt Creek Access and Flow Enhancement (Moulton) - LSWCD			1.5 cfs	
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Big Timber 02 - Tyler diversion			2.53	
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Carmen Creek (SSC-03, 2014)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.2 cfs	added after lookfoward - Panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Bohannon Creek (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)	2 cfs	added after lookfoward - Panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Lemhi Little Springs Creek (L-50 and LSC03 Diversion)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.9 cfs	added after lookfoward - panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Kenney Creek (2013)	164. Acquire Water Instream	1463. End day and month for water instream	0.14 cfs	added after lookfoward - panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Upper Hawley (2014 - Upper Hawley Creek Water Rights Transfer (LHaC-03) - LSWCD)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	5.3 cfs	added after lookfoward - Panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Carmen - 20yr source switch BS (2015)	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 cfs	added after lookfoward - Panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Carmen - 20yr source switch DS (2015)	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 cfs	added after lookfoward - panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC1	Lemhi tributaries and Carmen Creek	9.2: Water Quantity: Decreased Water Quantity	Hawley-18 mile LSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.7 cfs	added after lookfoward - panel needs to concur
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lemhi-Big Springs 20-year Source Switch - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	4.5 cfs	added post look forward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Tyler Ranch Conservation Easement - LRLT	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	12.7 cfs	added post lookfoward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lower Lemhi Permanent - JP: Permanent Subordination Easement	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	added post look forward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lemhi L-1 Diversion Dam Removal and Access and Flow Enhancement Project	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	2.23 cfs	added post look foward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	2014 - LHC-08 Fish Screen project - IDFG	164. Acquire Water Instream	1463. End day and month for water instream	1 cfs	added post lookfoward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lemhi Little Springs Creek (L-50 and LSC03 Diversion)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.9 cfs	added post look foward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	2013 - Bohannon Creek Diversion Consolidation-Flow Enhancement Project - IDFG	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 cfs	added post look forward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Kenney Creek (2013)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	0.14 cfs	added post look forward
Snake River Spring/Summer Chinook	Lemhi River	LRC2	Lemhi, Hayden Creek, Big Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Lee Creek, Big Eightmile Creek Reconnects - TNC	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	14.5 cfs	added post lookforward

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC6	Remaining Lower Salmon Tributaries Bayhorse, Mill, Hat, Thompson, Slate, Gordon, Warm Springs Creek	9.2: Water Quantity: Decreased Water Quantity	Cow Creek Source Switch - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)		Wont happen before 2018
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC3	Mainstem Salmon River (including Basin Creek)	4.1: Riparian Condition: Riparian Vegetation	Mainstem Salmon River Restoration (12mile Reach) - LSWCD	47. Plant Vegetation	1406. # of riparian miles treated		Wont happen before 2018
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC3	Mainstem Salmon River (including Basin Creek)	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Mainstem Salmon River Restoration (12mile Reach) - LSWCD	47. Plant Vegetation	1406. # of riparian miles treated	1 mile	
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC3	Mainstem Salmon River (including Basin Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	Mainstem Salmon River Restoration (12mile Reach) - LSWCD	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1 mile	
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC3	Mainstem Salmon River (including Basin Creek)	8.1: Water Quality: Temperature	Mainstem Salmon River Restoration (12mile Reach) - LSWCD	47. Plant Vegetation	1406. # of riparian miles treated	1 mile	
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC5	Squaw Creek	4.1: Riparian Condition: Riparian Vegetation	Squaw Creek Flow and Habitat - IDFG	47. Plant Vegetation	1406. # of riparian miles treated		Wont happen before 2018 Improve fish habitat by increasing instream habitat complexity, decrease streambank erosion, riparian vegetation restoration, and flow improvements
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC6	Remaining Lower Salmon Tributaries Bayhorse, Mill, Hat, Thompson, Slate, Gordon, Warm Springs Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Garden Creek Siphon CSWCD	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	added as per EP lookforward 3.23.16
Snake River Spring/Summer Chinook	Salmon River lower mainstem below Redfish Lake	LMC6	Remaining Lower Salmon Tributaries Bayhorse, Mill, Hat, Thompson, Slate, Gordon, Warm Springs Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Salmon River: Phelps Slough - IDFG	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Not likely to happen before 2018 1 fish screen,barrier removal, flow improvement, riparian condition

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Dowton Lane - Pahsimeroi River Bridge - IDFG	85. Remove/Breach Fish Passage Barrier	1667. # of culvert partial passage barriers removed in the freshwater non-tidal zone	1 barrier	6 miles opened upstream, but prorated 50%, therefore realized improvement = 3 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Patterson Big Springs Creek 10 Restoration - IDFG/TU	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	1 barrier	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Patterson Big Springs Creek 10 Restoration - IDFG/TU	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1 miles	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Patterson Big Springs Creek 10 Restoration - IDFG/TU	30. Realign, Connect, and/or Create Channel	1753. # of miles of main channel treated in the freshwater non-tidal zone	0.1 miles	75% proration = .075 treated acres realized by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Patterson Big Springs Creek 10 Restoration - IDFG/TU	30. Realign, Connect, and/or Create Channel	1753. # of miles of main channel treated in the freshwater non-tidal zone	3 miles	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Patterson Big Springs Creek 10 Restoration - IDFG/TU	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	7 cfs	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	2.3: Injury and Mortality: Mechanical Injury	P-17 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	8 cfs	TBD with CSWCD project
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Muddy Springs and Pahsimeroi Lease/Rental - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	3.0 cfs	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Pahsimeroi River Restoration BLM below P-16 - IDFG	47. Plant Vegetation	1406. # of riparian miles treated	0.8 miles	20% proration factor applied for a realized treatment of 0.16 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Pahsimeroi River Restoration BLM below P-16 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.8 miles	50% proration = .125 treated acres realized by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Pahsimeroi River Restoration BLM below P-16 - IDFG	47. Plant Vegetation	1406. # of riparian miles treated	0.8 miles	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Pahsimeroi River Furey to Hooper - IDFG	47. Plant Vegetation	1406. # of riparian miles treated	4.0 miles	18% proration factor applied for a realized treatment of 0.72 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Pahsimeroi River Furey to Hooper - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	4.0 miles	85% proration = 3.4 treated acres realized by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Pahsimeroi River Furey to Hooper - IDFG	47. Plant Vegetation	1406. # of riparian miles treated	4.7 miles	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Pahsimeroi River Bank Restoration (Dixon & Dowton) - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	40% proration = 0.1 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Pahsimeroi River Bank Restoration (Dixon & Dowton) - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	20% proration factor applied for a realized treatment of 0.05 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Pahsimeroi River Bank Restoration (Dixon & Noonan) - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	P-17 Above Furey Lane Diversion - CSWCD	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	2.3 miles	prorated 25% therefore realized improvement = 0.575 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Sulphur -02 Diversion and Screen - IDFG	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Wont happen by 2018 Install fish screen, replace diversion to improve fish passage, 3 miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	2.3: Injury and Mortality: Mechanical Injury	Muddy Springs Screening - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	4 cfs	Screen 1 diversion
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Mayrick Creek Reconnect/BSC-3	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Wont happen by 2018; improve fish passage at diversions/ ditch intercept, 1 mile
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Little Morgan 1 Diversion	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Wont happen by 2018; improve fish passage at diversions, 0.5 miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Little Springs Creek Restoration	47. Plant Vegetation	1406. # of riparian miles treated		Removed by EP lookfroward
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Little Springs Creek Restoration	47. Plant Vegetation	1406. # of riparian miles treated	1.5 miles	restore instream habitat
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Pahsimeroi Hatchery Diversions	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Wont happen by 2018; Passage at diversion, being completed by Idaho Power Co. with some oversight by IDFG
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Ben O'Neal Conservation Easement - TNC	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity		Removed as per EP lookforward 2,000 acre conservation easement
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Latimer Parcel Acquisition - TNC				as per EP lookforward removed
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	P-17 Irrigation Project - CSWCD - Robbins and Posada Easement	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	6.2 cfs	Screen Diversion/Install Pipeline to reduce irrigaiton withdrawl
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Robbins Bridge - CSWCD			1.5 miles	Replace existing bridge and eliminate fords in Pahsimeroi 5% proration = 0.075 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Patterson Big Springs Creek 2 Removal - CSWCD	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1 mile	Remove PBSC Diversion 2; prorated 10%, therefore realized improvement = 0.1 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Grazing Management on Circle Pi (Pahsimeroi and Sulphur Creek)	47. Plant Vegetation	1627. # of riparian wetland miles treated		Unlikely to happen riparian enhancement
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Grazing Management on Circle Pi (Pahsimeroi and Sulphur Creek)	47. Plant Vegetation	1627. # of riparian wetland miles treated		Removed as per EP lookforward riparian enhancement

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Grazing Management on Circle Pi (Pahsimeroi and Sulphur Creek)	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	riparian enhancement
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Little Morgan 2 Diversion	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		Wont happen by 2018; improve fish passage at diversions
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Martiny Riparian Enhancement	47. Plant Vegetation	1406. # of riparian miles treated	1 mile	contingent on terms of riparian easement (TNC) 18% proration factor applied for a realized treatment of 0.18 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Martiny Riparian Enhancement	47. Plant Vegetation	1406. # of riparian miles treated	1 mile	riparian enahancement, contingent on terms of riparian easement (TNC) 10% proration = 0.1 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Martiny Riparian Enhancement	47. Plant Vegetation	1406. # of riparian miles treated	2 miles	riparian enahancement, contingent on terms of riparian easement (TNC)
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Upper Muddy Spring culvert	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1 mile	improves fish passage
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Upper Muddy Spring fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	1 mile	instream and riparian improvements 15% proration factor applied for a realized treatment of 0.15 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Upper Muddy Spring fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	1 mile	instream and riparian improvements 10% proration = 0.1 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Upper Muddy Spring fence	40. Install Fence	1401. # of miles of fence installed in a riparian area	1 mile	instream and riparian improvements
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	Warm Spring on Gydesen			1 mile	
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Warm Spring on Gydesen			1 mile	5% proration = 0.05 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	8.1: Water Quality: Temperature	BS-9 Spring Intercept (Ben O'Neil)	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 cfs	Springs intercepted by ditch that is no longer used
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Flying Joseph Culvert replacement - IDFG	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	4 mile	from PRC2
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	2.3: Injury and Mortality: Mechanical Injury	PBSC010 fish screen	69. Install Fish Screen		3 cfs	added as per EP lookforward 3.23.16
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	2.3: Injury and Mortality: Mechanical Injury	Big Creek -03 Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	8 cfs	from PRC2
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Lone Pine Fence/CAFO/Stockwater - CSWCD	40. Install Fence	1401. # of miles of fence installed in a riparian area	1 mile	From PRC2 10% proration factor applied for a realized treatment of 0.1 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	4.1: Riparian Condition: Riparian Vegetation	Flying Joseph Planting - IDFG	47. Plant Vegetation		0.5 miles	from PRC2 10% proration factor applied for a realized treatment of 0.05 stream miles
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Pahsimeroi River Bank Restoration (Dixon & Dowton) - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	from PRC2 50% proration = .125 treated acres realized by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.1: Channel Structure and Form: Bed and Channel Form	Flying Joseph dam removal - IDFG	84. Remove/Install Diversion		0.5 miles	added as per EP lookforward 40% proration = .2 treated acres realized by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Patterson Big Springs Creek 10 Restoration - IDFG/TU	30. Realign, Connect, and/or Create Channel	1753. # of miles of main channel treated in the freshwater non-tidal zone	0.1 miles	25% proration = 0.025 stream miles treated by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Lone Pine Fence/CAFO/Stockwater - CSWCD	40. Install Fence	1401. # of miles of fence installed in a riparian area	1 mile	10% proration = 0.1 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Downton Page Conservation Easement			3 miles	5% proration = 0.15 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Bauchman/Mickelson Ranch Conservation Easement TNC			1.5 miles	5% proration = 0.075 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Big Creek Conservation Easement- TNC			2.5 miles	10% proration = 0.25 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Page Mill Creek			0.6 miles	5% proration = 0.03 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Flying Joseph Planting - IDFG			0.5 miles	10% proration = 0.05 stream miles of effective treatment through 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Pahsimeroi River Restoration BLM below P-16 - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.8 miles	75% proration = 0.6 stream miles treated by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Pahsimeroi River Furey to Hooper - IDFG	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	4.0 miles	85% proration = 3.4 stream miles treated by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Pahsimeroi River Bank Restoration (Dixon & Dowton) - TU	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	35% proration = 0.0875 stream miles treated by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Flying Joseph dam removal - IDFG	84. Remove/Install Diversion		0.5 miles	10% proration = 0.05 stream miles treated by 2018
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Patterson Big Springs Creek 2012: 20-year Source Switch - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	6 cfs	carry over from lookback
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Sulphur Creek Donation: Permanent Lease/Rental - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	1.07 cfs	carry over from look back

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Sulfur Creek East (Pivot relocation upstream of Hooper Lane)	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	4.5 cfs	carry over from look back
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	P-13 Irrigation Diversion Removal Project - CSWCD	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	8.8 cfs	carry over from look back
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Sulphur Creek Irrigation, Stockwater, Fence Project - CSWCD	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 cfs	carry over from look back
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	P-16 Headgate - BoR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	15 cfs	carry over from look back
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	O'Neal Conservation Easement - LRLT	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	15 cfs	carry over from look back
Snake River Spring/Summer Chinook	Pahsimeroi River	PRC1	Pahsimeroi River and tributaries downstream from the mouth of Big Creek	9.2: Water Quantity: Decreased Water Quantity	Â Page Mill Creek Reconnection - TU	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 cfs	carry over from look back

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	9.2: Water Quantity: Decreased Water Quantity	Pole Creek Source Switch and Minimum Flow Agreement - IDWR	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	18.0 cfs	
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC2	Upper Salmon Tributaries with Significant water withdrawals(Fourth of July, Champion, Cleveland, Fisher, Warm, and Williams Creek	9.2: Water Quantity: Decreased Water Quantity	Fourth of July Creek Flow enhancements	164. Acquire Water Instream	1453. Flow of water returned to the stream as prescribed in the water acquisition in cubic-feet per second (cfs)	9.0 cfs	In negotiations with land owners. Combined fourth of July 2 and 3
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Cabin Creek Reconnect			0.4 miles	0.4 miles treated were prorated 10% (=0.04) to reflect maturity of project by 2018
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Pole Meadow Channel Reconnect - USFS	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.8 miles	0.8 miles treated was prorated 75% (=0.6) to reflect maturity of project by 2018
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC2	Upper Salmon Tributaries with Significant water withdrawals(Fourth of July, Champion, Cleveland, Fisher, Warm, and Williams Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Fourth of July Creek Flow Restore - USFS	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	3 barriers	
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Cabin Creek Reconnect - USFS	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.0 miles	1 miles treated were prorated for life stage affected. Note: Chinook presence not noted in StreamNet but confirmed by experts. juvenile rearing stream only so was pro-rated for 100% because it opens rearing to them; did not account for adult passage in the stream because they don't spawn there.
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	4.1: Riparian Condition: Riparian Vegetation	Cabin Creek Reconnect - USFS	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.4 miles	2016: value of treatment to 2018 was prorated to 90% of 0.4 stream miles to account for the time it takes for vegetation to grow.
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	8.1: Water Quality: Temperature	Cabin Creek Reconnect - USFS	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.4 miles	
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	8.1: Water Quality: Temperature	Redfish Northshore Restoration - USFS	47. Plant Vegetation	1406. # of riparian miles treated	0.3 miles	remove road from wetland area and relocate to uplands; re-establish the shoreline area
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	4.1: Riparian Condition: Riparian Vegetation	Pole Creek Meadows - channel realignment			0.8 miles	2016: value of treatment to 2018 was prorated to 90% of 0.8 stream miles to account for the time it takes for treatments to mature.
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC1	Mainstem Upper Salmon River, Alturas Lake Creek, and Tributaries upstream from Alturas Lake Creek	9.2: Water Quantity: Decreased Water Quantity	2015 - Beaver Creek 20-year Lease/Rental - IDWR			5.9 cfs	
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC2	Upper Salmon Tributaries with Significant water withdrawals(Fourth of July, Champion, Cleveland, Fisher, Warm, and Williams Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Fourth of July Creek Flow USFS	84. Remove/Install Diversion		6.5 miles	3 barriers removed; Prorated 33% because adults are not there now, but there is potential for it to eventually be spawning and rearing habitat.
Snake River Spring/Summer Chinook	Salmon River upper mainstem above Redfish Lake	UMC2	Upper Salmon Tributaries with Significant water withdrawals(Fourth of July, Champion, Cleveland, Fisher, Warm, and Williams Creek	4.1: Riparian Condition: Riparian Vegetation	Fourth of July Creek Flow enhancements			2 miles	prorated 10% for miles treated to 2018 = 0.2

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	2.3: Injury and Mortality: Mechanical Injury	Goat Creek -01 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	3 cfs	
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	2.3: Injury and Mortality: Mechanical Injury	Goat Creek -02 Fish Screen - IDFG	69. Install Fish Screen	1745. Flow rate at the new screen diversion allowed by the water right in cubic-feet per second (cfs)	3 cfs	
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	2.3: Injury and Mortality: Mechanical Injury	Elk Creek -01 Fish Screen - IDFG	69. Install Fish Screen	1746. Flow rate at the replaced screen diversion allowed by the water right in cubic-feet per second (cfs)		Replacement screen- no new benefit for the metrics, just keeping our infrastructure going
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	4.1: Riparian Condition: Riparian Vegetation	Stanley Lake Inlet Restoration - USFS	47. Plant Vegetation	1406. # of riparian miles treated	0.4 miles	0.4 miles treated, but prorated (10%) to reflect the realized improvement to 2018
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	7.2: Sediment Conditions: Increased Sediment Quantity	Stanley Lake Inlet Restoration - USFS	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	0.4 miles	0.4 miles treated, prorated (10%) to reflect realized improvement to 2018.
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	8.1: Water Quality: Temperature	Stanley Lake Inlet Restoration - USFS	47. Plant Vegetation	1406. # of riparian miles treated	0.4 miles	0.4 miles treated, but 10% realized improvement by 2018
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Iron Creek Channel Reconnect- USFS	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	4.5 miles	Modified 5/26/16. Iron Creek comes out of the mouth and splits into two channels (one channel historically) that feed into valley creek; one on private land (old irrigation ditch is a gully). Concept to put back into single channel to get more flow. 8 diversions on both channels currently (all barriers). 4.5 miles - habitat that exists above first barrier a fish would currently encounter. pro-rating- 33% with some uncertainty about whether adults could/would use that habitat.
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	6.2: Channel Structure and Form: Instream Structural Complexity	Iron Creek Channel Reconnect- USFS	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	2.0 miles	
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	8.1: Water Quality: Temperature	Iron Creek Channel Reconnect- USFS	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	2.0 miles	2 miles treated, but 50% realized improvement by 2018
Snake River Spring/Summer Chinook	Valley Creek	VCC1	Valley Creek	1.1: Habitat Quantity: Anthropogenic Barriers	Iron Creek Channel Reconnect- USFS	85. Remove/Breach Fish Passage Barrier	1563. # of barriers in the freshwater zone	3 barriers	

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	4.2: Riparian Condition: LWD Recruitment	Yankee Fork West Fork Phase I& II - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	Prorated 75% to reflect realized improvement to 2018=0.375
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.2: Channel Structure and Form: Instream Structural Complexity	Yankee Fork West Fork Phase I& II - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	prorated 95% to reflect improvement to 2018=0.475 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.1: Channel Structure and Form: Bed and Channel Form	Yankee Fork West Fork Phase I&II-TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 mile	prorated 80% to reflect realized improvement in 2018 = 0.4 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.1: Channel Structure and Form: Bed and Channel Form	Preacher's Plus - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	prorated to 10% to reflect realized improvement by 2018 = 0.05 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.2: Channel Structure and Form: Instream Structural Complexity	Preacher's Plus - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	prorated 70% to reflect improvement to 2018=0.35 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	7.1: Sediment Conditions: Decreased Sediment Quantity	Preacher's Plus - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.5 miles	Prorated 10% to reflect improvement to 2018 = 0.05 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.1: Channel Structure and Form: Bed and Channel Form	Yankee Fork Pond Series 1 - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	prorated to 60% to reflect realized improvement to 2018 = 0.15 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.2: Channel Structure and Form: Instream Structural Complexity	Yankee Fork Pond Series 1 - TU	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.25 miles	prorated 80% to reflect improvement to 2018=0.2 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	4.2: Riparian Condition: LWD Recruitment	Bonanza Reach-Channel Segment RM 8.95-8.4	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.85 miles	Treating the entire channel/floodplain segment (0.85 miles) including creating about 0.17 mile of floodplain-type side-channel habitat including installing LWM structures and channel reconfiguration Prorated 1% to reflect improvement to 2018=.0085
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Bonanza Reach-Channel Segment RM 8.95-8.4	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.85 miles	Treating the entire channel/floodplain segment (0.85 miles) including creating about 0.17 mile of floodplain-type side-channel habitat including installing LWM structures and channel reconfiguration Prorated 80% to reflect realized improvement to 2018=0.68 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.1: Channel Structure and Form: Bed and Channel Form	Bonanza Reach-Channel Segment RM 8.95-8.4	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.85 miles	Treating the entire channel/floodplain segment (0.85 miles) including creating about 0.17 mile of floodplain-type side-channel habitat including installing LWM structures and channel reconfiguration; prorated 80% to reflect realized improvement in 2018=0.68 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	6.2: Channel Structure and Form: Instream Structural Complexity	Bonanza Reach-Channel Segment RM 8.95-8.4	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.85 miles	Treating the entire channel/floodplain segment (0.85 miles) including creating about 0.17 mile of floodplain-type side-channel habitat including installing LWM structures and channel reconfiguration; prorated 90% to reflect improvement to 2018=0.765 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC2	West Fork Yankee Fork	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Yankee Fork West Fork Phase II - TU	29. Increase Aquatic and/or Floodplain Complexity		0.1 mile	added during EP lookforward 3.23.16; Prorated 90% to reflect realized improvement by 2018
Snake River Spring/Summer Chinook	Yankee Fork	YFC2	West Fork Yankee Fork	6.1: Channel Structure and Form: Bed and Channel Form	Yankee Fork West Fork Phase II - TU	29. Increase Aquatic and/or Floodplain Complexity		0.1 miles	added during EP lookforward 3.23.16; Prorated to 90% for realized improvement to 2018
Snake River Spring/Summer Chinook	Yankee Fork	YFC2	West Fork Yankee Fork	6.2: Channel Structure and Form: Instream Structural Complexity	Yankee Fork West Fork Phase II - TU	29. Increase Aquatic and/or Floodplain Complexity		0.1 mile	added during EP lookforward 3.23.16; prorated to 95% (higher than other limiting factors due to wood loading)=0.095
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	4.2: Riparian Condition: LWD Recruitment	Pond Series I	47. Plant Vegetation		0.25 miles	prorated 1% to reflect improvement to 2018 = .0025
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Yankee Fork West Fork Phase I& II - TU			0.5 miles	Prorated 80% to reflect realized improvement to 2018 = 0.4 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	5.2: Peripheral and Transitional Habitats: Floodplain Condition	Pond Series I			0.25 miles	prorated 50% to reflect realized improvement to 2018=0.125 stream miles
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	7.1: Sediment Conditions: Decreased Sediment Quantity	Yankee Fork West Fork Phase I&II-TU			0.5	Prorated 95% to reflect improvement to 2018 = 0.475 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	7.1: Sediment Conditions: Decreased Sediment Quantity	Yankee Fork Pond Series 1 - TU			0.25	Prorated 80% to reflect improvement to 2018 = 0.2 stream miles treated
Snake River Spring/Summer Chinook	Yankee Fork	YFC3	Yankee Fork	7.1: Sediment Conditions: Decreased Sediment Quantity	Bonanza Reach-Channel Segment RM 8.95-8.4			0.85 miles	Prorated 95% to reflect improvement to 2018 = 0.8075 stream miles treated