

NOTES:

This workbook contains **habitat actions** data downloaded directly from the Taurus database. Actions include those documented during the **Look Back** process covering the **2012-2015** work window.

Individual sheets contain habitat actions data for individual populations of steelhead.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	1.1: Habitat Quantity: Anthropogenic Barriers	2014: American River culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	44.3 miles	* modified from 198 miles on 2.9.16 ss per EP: American River: There are about 186 miles of steelhead habitat in American River. About 75 miles remains blocked by athropogenic barriers.
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	1.1: Habitat Quantity: Anthropogenic Barriers	2012: West Fork American River culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.5 miles	Tributary to West Fork American River; This is a small tributary stream that provides rearing habitat.
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	1.1: Habitat Quantity: Anthropogenic Barriers	2014: Little Elk Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	4.2 miles	Little Elk Creek . * miles modified from 5 to 4.2 as per EP 2.9.16
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Road Decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	2.9 miles	American River. As per EP, about 10 stream miles affected 2.9.16.
Snake River Steelhead	South Fork Clearwater River	SCS2	Crooked River	4.1: Riparian Condition: Riparian Vegetation	2013: Crooked river vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	2.5 acres	As per EP (2.9.16) 0.25 miles treated, 75% survival of veg. planted.
Snake River Steelhead	South Fork Clearwater River	SCS2	Crooked River	8.1: Water Quality: Temperature	2013: Crooked river vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated	2.5 acres	2 miles of Crooked River
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	4.1: Riparian Condition: Riparian Vegetation	2012: McComas Meadows vegetation planting and weed treatment	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 mile	Plant Riparian/ Upland Vegetation- McComas Meadows; annual planting , 3040 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012:Meadow Face III road decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	14.7 miles	As per EP (2.9.16), 5 stream miles were affected by this action
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014:Meadow Face IV road decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	13.3 miles	As per EP (2.9.16), 5 stream miles were affected
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	8.1: Water Quality: Temperature	2012: McComas Meadows vegetation planting	47. Plant Vegetation	1406. # of riparian miles treated	0.25 miles	annual planting 3040 plants
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2013:Hunt Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3.1 miles	Upstream miles calculated by USFS fisheries biologist. After QA review by Nez Perce Tribe, proration factor for this project was modified to 50% based on more accurate picture of the previous existing culvert. Culvert was only a partial barrier effecting juveniles only. Therefore, the realized change in 2018 would be across 1.55 miles. EWW 7.6.16
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2015:Black George Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.9 miles	Upsteam Gradient less than 12%
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	4.1: Riparian Condition: Riparian Vegetation	2012: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.2 acres	80 plants As per EP (2.9.16), 0.1 miles treated
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	4.1: Riparian Condition: Riparian Vegetation	2013: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.2 acres	120 plants . As per EP (2.9.16), 0.1 miles treated
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014:Mill Creek Trail bridge installation	38. Improve Road	1615. # of miles of road or trail improved in a riparian area	0.1 miles	#313 Improvement; Replace ford in poor condition with bridge As per EP (2.9.16), 0.5 stream miles affected
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	8.1: Water Quality: Temperature	2012: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.2 acres	80 plants As per EP (2.9.16), 0.1 stream miles affected
Snake River Steelhead	South Fork Clearwater River	SCS6	Misc Clearwater Tribs	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Rd 469 Peasley Creek road improvements	38. Improve Road	1615. # of miles of road or trail improved in a riparian area	4.0 miles	Road Stabilization, improvement and surfacing. And vegetation planting
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	6.2: Channel Structure and Form: Instream Structural Complexity	2012: Newsome Stream & Floodplain Restoration Phase I stream restoration	29. Increase Aquatic and/or Floodplain Complexity	1388. # of structures installed	13 LWD structures	Reach 3 . As per EP (2.9.16), 0.55 miles of stream was treated
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2012:Newsome Stream & Floodplain Restoration Phase I tailing removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	1.75 acres	Reach 3 ; 14,400 CY of tailings removed. As per 2.9.16 EP - 0.55 miles treated
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	4.1: Riparian Condition: Riparian Vegetation	2014: Newsome Stream & Floodplain Restoration Phase I vegetation planting	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Reaches 5, 4, 3,
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	4.2: Riparian Condition: LWD Recruitment	2014: Newsome Stream & Floodplain Restoration Phase I vegetation planting	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Reaches 5, 4, 3
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Haysfork Sediment Pond sediment pond decommissioning	33. Decommission Road/Relocate Road		2 acres	decommission potentially unstable berm. As per EP (2.9.16), affected stream miles from this project = 3.5.
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	8.1: Water Quality: Temperature	2014: Newsome Stream & Floodplain Restoration Phase I vegetation planting	47. Plant Vegetation	1406. # of riparian miles treated	2.5 miles	Reaches 5, 4, 3 . As per EP (2.9.16), there is overlap across projects that occurred in Reaches 2-5
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	1.1: Habitat Quantity: Anthropogenic Barriers	2013: Soda Creek MP 2.1 culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3 miles	Culvert Replacement
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	1.1: Habitat Quantity: Anthropogenic Barriers	2014: Soda Creek MP 2.6 culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3 miles	Culvert Replacement
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	4.1: Riparian Condition: Riparian Vegetation	2012: Red River Meadows vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated	6 acres	2 stream miles
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	7.2: Sediment Conditions: Increased Sediment Quantity	2012:Deadwood road decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	22.35 miles	Road Decommissioning. As per EP (2.10.16) 8 miles of stream affected
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Road 1166 road improvements	38. Improve Road	1617. # of miles of road or trail improved in an upland area	1.5 miles	2 miles of stream affected
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	7.2: Sediment Conditions: Increased Sediment Quantity	2014: South Fork Red River road decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	9.15 miles	Road Decommissioning. As per EP (2.10.16), 7 miles of stream affected
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	8.1: Water Quality: Temperature	2012: Red River Meadows vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated		Planting; 4 miles. 2 miles of stream affected;6 acres treated, but zero benefit attributed for this limiting factor (as per EP on 2.10.16)
Snake River Steelhead	South Fork Clearwater River	SCS10	Ten Mile Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Ten Mile Creek Bridge replacement	55. Erosion and Sedimentation Control	1638. # of acres of riparian habitat treated	1.0 acres	Replace failing bridge abutment; As per EP (2.11.16) 4 stream miles affected by this action.
Snake River Steelhead	South Fork Clearwater River	SCS2	Crooked River	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Tributary to East Fork Crooked River culvert replacement	55. Erosion and Sedimentation Control		30 cubic yards*see comment*	This project was designed to reduce sediment input into Crooked River by replacing an undersized culvert that was not functioning hydrologically. 30 cubic yards is the estimated amount of material that could potentially fail. As per EP (2.9.16) 5 stream miles affected.
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	1.1: Habitat Quantity: Anthropogenic Barriers	2015: Elk Creek PFI culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	12 miles	Elk Creek Culvert Replacement PFI Road; The Big Elk Creek Culverts are barriers for adults at high flows about 10 miles upstream of this project. The Elk Creek Bridge is a barrier to juvenile salmonids about 5 miles upstream of the Elk Creek Culvert. ** miles modified to 12 as per EP 2.9.16
Snake River Steelhead	South Fork Clearwater River	SCS1	American River	1.1: Habitat Quantity: Anthropogenic Barriers	2014: Lightning Fork-Little Elk Creek Culvert Replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1 miles	Lightning Fork-Little Elk Creek; As per 2012 look forward: Replacing this culvert will provide 0.75 miles of quality spawning and rearing. * EP modified miles from 0.75 to 1 - 2.9.16
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	4.1: Riparian Condition: Riparian Vegetation	2013: McComas Meadows vegetation planting and weed treatment	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting , 2210 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	4.1: Riparian Condition: Riparian Vegetation	2014:McComas Meadows vegetation planting and weed treatment	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting , 1170 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	4.1: Riparian Condition: Riparian Vegetation	2015:McComas Meadows vegetation planting and weed treatment	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting 645 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	8.1: Water Quality: Temperature	2013: McComas Meadows vegetation planting	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting 2210 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	8.1: Water Quality: Temperature	2014: McComas Meadows vegetation planting	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting 1170 plants
Snake River Steelhead	South Fork Clearwater River	SCS4	Meadow Creek	8.1: Water Quality: Temperature	2015: McComas Meadows vegetation planting	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.25 miles	annual planting 645 plants
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2015: Adams Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.3 miles	Distance to next barrier
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	4.1: Riparian Condition: Riparian Vegetation	2014: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	6.0 acres	Replanting previous project area, 310 plants
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	4.1: Riparian Condition: Riparian Vegetation	2015: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.0 acres	Replanting previous project area, 60 plants
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	8.1: Water Quality: Temperature	2013: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.2 acres	Mill Creek Slide area, 120 plants As per EP (2.9.16), 0.1 stream miles affected
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	8.1: Water Quality: Temperature	2014: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	6.0 acres	Replanting previous project area, 310 plants As per EP (2.9.16), 0.1 stream miles affected
Snake River Steelhead	South Fork Clearwater River	SCS5	Mill Creek	8.1: Water Quality: Temperature	2015: Mill Creek Slide vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	1.0 acres	Replanting previous project area, 60 plants As per EP (2.9.16), 0.1 stream miles affected
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2013: Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	3.9 acres	Reach 2a ; 68,248 CY of tailings removed. As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2014: Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	9 acres	Reach 2b ; 31,220 CY of tailings removed As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles

Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	5.2: Peripheral and Transitional Habitats: Floodplain Condition	2015:Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	5 acres	Reach 2c ; 37,000 CY of tailings removed As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	8.1: Water Quality: Temperature	2013: Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	3.9 acres	Reach 2a ; 68,248 CY of tailings removed. As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles. As per EP (2.9.16), there is overlap across projects that occurred in Reaches 2-5
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	8.1: Water Quality: Temperature	2014: Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	9 acres	Reach 2b ; 31,220 CY of tailings removed. As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles. As per EP (2.9.16), there is overlap across projects that occurred in Reaches 2-5
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	8.1: Water Quality: Temperature	2015: Newsome Stream & Floodplain Restoration Phase I tailings removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	5 acres	Reach 2c ; 37,000 CY of tailings removed. As per 2.9.16 EP - combined treatment for 2013, 2014, 2015 projects is 2 miles
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	1.1: Habitat Quantity: Anthropogenic Barriers	2015: Soda Creek MP 3.4 & 3.5 culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3 miles	Culvert Replacements As per EP (2.10.16), total miles treated was 3 not 6. Value was changed. EWL
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	4.1: Riparian Condition: Riparian Vegetation	2013: Red River Meadows vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated	6 acres	2 stream miles
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	4.1: Riparian Condition: Riparian Vegetation	2014: Red River Meadows vegetation planting	47. Plant Vegetation	1403. # of riparian acres treated	0.25 acres	0.1 miles
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	8.1: Water Quality: Temperature	2013: Red River Meadows vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated		Planting; 4 miles; 2 miles of stream affected; 6 acres treated, but zero benefit attributed for this limiting factor (as per EP on 2.10.16)
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	8.1: Water Quality: Temperature	2014: Red River Meadows vegetation planting	47. Plant Vegetation	1405. # of wetland acres treated		Planting; 0.1 miles
Snake River Steelhead	South Fork Clearwater River	SCS2	Crooked River	4.2: Riparian Condition: LWD Recruitment	2013: Crooked river vegetation planting	47. Plant Vegetation		0	As per EP (2.9.16) No progress toward this LF yet
Snake River Steelhead	South Fork Clearwater River	SCS9	South Fork Clearwater Mainstem	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Grouse Creek culvert replacement for erosion control	55. Erosion and Sedimentation Control			Replace failed undersize culvert with new culvert. Potential metric is cubic feet of material that has the potential to fail, but undetermined yet. Action occurred in SCS6, but benefits realized in mainstem (as per EP 2.11.16)
Snake River Steelhead	South Fork Clearwater River	SCS7	Newsome Creek	8.1: Water Quality: Temperature	2012:Newsome Stream & Floodplain Restoration Phase I tailing removal	52. Remove Mine Tailings	1629. # of acres of riparian habitat treated by removing mine tailings	1.75 acres	Reach 3 ; 14,400 CY of tailings removed. As per 2.9.16 EP - 0.55 miles treated. As per EP (2.9.16), there is overlap across projects that occurred in Reaches 2-5
Snake River Steelhead	South Fork Clearwater River	SCS8	Red River	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Log culvert removal	55. Erosion and Sedimentation Control		5 log culverts removed	This project was added as per EP (2.10.16). 3 miles of stream was affected

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Selway River	SRS1	Lower Selway River	1.1: Habitat Quantity: Anthropogenic Barriers	2012: Twenty Three Mile Creek Culvert Replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3 miles	Replace Culvert. Miles treated modified as per EP (2.11.16)
Snake River Steelhead	Selway River	SRS1	Lower Selway River	1.1: Habitat Quantity: Anthropogenic Barriers	2013: Boyd Creek Culvert Replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	3 miles	Treated miles modified as per EP (2.11.16)
Snake River Steelhead	Selway River	SRS3	O'Hara Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015: O'Hara Road Improvement	38. Improve Road	1615. # of miles of road or trail improved in a riparian area	3.5 miles	miles improved modified by EP (2.11.16)
Snake River Steelhead	Selway River	SRS1	Lower Selway River	1.1: Habitat Quantity: Anthropogenic Barriers	2014:Glover Creek Culver replacement	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	
Snake River Steelhead	Selway River	SRS1	Lower Selway River	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Racecreek culvert replacement	55. Erosion and Sedimentation Control		1 stream mile	2 culverts replaced

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012 Mission Cr (MC) riparian planting and fencing	47. Plant Vegetation	1403. # of riparian acres treated	5.44 acres	bank stabilization; 1.52 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012 Rock Cr exclusion fence	40. Install Fence		0.45 mi	Detailed under Project 2: Mission Creek column and along side Mission Creek Riparian planting (same cell)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012 Mission Cr riparian planting	47. Plant Vegetation	1403. # of riparian acres treated	0.25 acres	As per EP (2.10.16), .11 miles treated.
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012 Mission Cr banks stabilization 10115	197. Maintain/Remove Vegetation	1406. # of riparian miles treated	0.11 miles	edited during EP (2.10.16). Combined uplift calculation with planting project during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2015 Sweetwater Cr levee removal	180. Enhance Floodplain/Remove, Modify, Breach Dike		Remove 500 feet of levee	reconnect floodplain to riparian; 2012 Look Forward lists this activity under 6.1 Channel Structure and Form. 0.1 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2015 Sweetwater Cr. planting	47. Plant Vegetation	1403. # of riparian acres treated	0.25 acres	Plant native vegetation; As per EP (2.10.16) 0.1 miles treated.
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Lapwai Cr road treatments and no-till	38. Improve Road	1394. # of miles of road improved or decommissioned in a riparian area	1.36 miles	This project was combined with other no till projects during EP lookback 2.10.16
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Tom Beall and Sweetwater Road Treatments	38. Improve Road	1394. # of miles of road improved or decommissioned in a riparian area	0.4 miles	modified as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 RC grassed waterway	55. Erosion and Sedimentation Control		0.42 miles	Benefits considered with Fountain Grade Project during EP 2.10.16
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	1.1: Habitat Quantity: Anthropogenic Barriers	2012 Tom Beall Barrier removal (3 culverts),	85. Remove/Breach Fish Passage Barrier	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.74 miles	install 2 rock fords and 1 bottomless culvert. This gets zero benefit during 2012-2015 EP (2.10.16) because there are still barriers below
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	1.1: Habitat Quantity: Anthropogenic Barriers	2013 Remove Troy Dam, West Fork Little Bear	84. Remove/Install Diversion	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	10.7 miles	Also culvert construction: construction of culverts did not use BPA funding.
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2013 Racetrace riparian planting	47. Plant Vegetation	1403. # of riparian acres treated	3.2 acres	total meander treated =0.28 miles of stream
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2013 Racetrack fencing	40. Install Fence	1488. # of river miles treated	0.28 miles	total meander treated = 0.28 miles of stream 0.5 miles of fence installed
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2015 Upper Corral Cr riparian planting	47. Plant Vegetation	1403. # of riparian acres treated	10.5 acres	total meander treated = 1.83 miles of stream;
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2015 Upper Corral Cr, fencing	40. Install Fence	1488. # of river miles treated	1.83 miles	total meander treated=1.83 miles of stream 1.24 miles of fence installed
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2013 Fry Meadow riparian planting	47. Plant Vegetation	1403. # of riparian acres treated	10 acres	As per EP (2.10.16), fencing and planting project combine affected 0.75 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2013 Fry Meadow fencing	40. Install Fence		5000 feet	
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2014 Bloom Creek planting	47. Plant Vegetation	1403. # of riparian acres treated		No value indicated for metric. As per EP (2.10.16) the planting and fencing project combined = 0.75
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2014 Bloom Creek fencing	40. Install Fence		3000 feet	
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2013 Troy Dam planting	47. Plant Vegetation	1403. # of riparian acres treated	10 acres	.2 stream miles
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2013 Fry Meadow channel reconstruction	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	0.75 miles	1.5 miles channel reconstruction noted in project description
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2013 Troy Dam channel reconstruction	30. Realign, Connect, and/or Create Channel		0.2 miles of stream	metric updated as per 2.10.16 EP
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2015 Upper Corral Cr. structures (6) and pools (6) creation	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.83 stream miles	metric updated as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2013 Fry Meadow instream structure and pool creation	29. Increase Aquatic and/or Floodplain Complexity	1388. # of structures installed	12 instream structures	12 pools created; 0.75 stream miles treated.
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2014 Bloom Creek instream structures	29. Increase Aquatic and/or Floodplain Complexity	1388. # of structures installed	24 small instream structures	0.75 miles of stream treated
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2014 Bear Swanstrom planting	47. Plant Vegetation		850 feet	Sedge planting; 4 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	2015 Upper Corral planting	47. Plant Vegetation	1403. # of riparian acres treated		Listed in spreadsheet under LF 5.1, which is currently not an option, so I included it under 4.1 since it was a planting project.
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	? Fry Meadow side channel habitat construction	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment		Listed as a LF 5.1 project, however, that LF is currently not an option, so I added it under 6.1 instead. There was no completion year listed for this activity.
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	4.1: Riparian Condition: Riparian Vegetation	? Fry Meadow planting	47. Plant Vegetation	1403. # of riparian acres treated		This activity was listed under LF 5.1, however, currently that is not an option for this AU, so I listed it under 4.1. There was no completion year listed for this activity, and I'm wondering if it is a duplicate of the 2013 planting activity in FM of 10 acres.
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2013 Racetrack bank stabilization and floodplain reconnect	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.28 miles of stream (both sides)	This activity was listed under LF 5.2, which is currently not an option for this AU, so I included it under LF 6.1. Noted-2 sides of stream were treated for a total of 0.56 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	6.1: Channel Structure and Form: Bed and Channel Form	2015: Sweetwater Creek Levee removal and streambank stabilization	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.1 miles	Remove 500 ft of levee and stabilize streambank on TA 365 Completes 20% in SC1 only -Removes 1 of 5 levees that impact stream channel morphology on Sweetwater Creek in SC1. This project includes future weed treatment and plant maintenance.
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2015: TU 3123 Invasive weed treatment	197. Maintain/Remove Vegetation			Treat invasive weed species . As per EP, included in Rock creek restoration project for 0 Limiting factor 4.1 . EWL 2.10.16
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2013: TU 30 plant vegetation	47. Plant Vegetation		0.7 miles	Plant native trees and shrubs Creates a riparian buffer to keep water cool before entering Culdesac Canyon
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2015: TA 3125 Invasive weed treatment	197. Maintain/Remove Vegetation			Treat invasive weed species. Moved to Limiting Factor 4.1 as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2014: TA 350 restore wetland	181. Create, Restore, and/or Enhance Wetland		0.2 acres	Restore wetland on unnamed spring upstream . 01 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2014:TA 365 plant vegetation	47. Plant Vegetation		0.9 acres	Plant native trees and shrubs. 0.2 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS5	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2014 Bear Swadstrom floodplain reconnect	180. Enhance Floodplain/Remove, Modify, Breach Dike		850 feet	.4 stream miles
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	1.1: Habitat Quantity: Anthropogenic Barriers	Site 12-157. Flat Iron Road Fish Passage Barrier Removal	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	5 miles	Added 2/10/16 at LB EP. mah. This gets zero benefit during 2012-2015 EP (2.10.16) because there are still barriers below
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012-2015 Control Hybrid Knotweed	197. Maintain/Remove Vegetation	1406. # of riparian miles treated	12 miles	Added 2/10/16 at LB EP per list from NPSWCD. Per spreadsheet: 323miles needed . Page 20 (poor + Fair) Lapwai Creek Stream Inventory and Assessment. Treated 12 miles or 4% . Handout A-mah
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	Biocontrol treatments in LC1 and LC2	197. Maintain/Remove Vegetation	1515. # of acres of upland non-wetland habitat treated	85 acres	Added 2/10/16 at LB EP per list from NPSWCD. Per spreadsheet notes, weed control for 2300 acres total, this is 4% of that total. -mah; As per EP (2.10.16) 15 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	11-124 Tom Beall Bridge bank stabilization		29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.01 mile	Added 2/10/16 at LB EP per list from NPSWCD. - mah
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	Livestock Exclusion from Mission creek. Site 11-128	40. Install Fence	1488. # of river miles treated	1.52 miles	Added 2/10/16 at LB EP per list from NPSWCD. - mah
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2013-14 Livestock Exclusion from Mission Creek, water developments. Site 11-128	34. Develop Alternative Water Source	1569. # of alternate water sources installed	3 sites total	Added 2/10/16 at LB EP per list from NPSWCD. - mah. 1.52 stream miles affected
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012-13 Fountain Grade Project	55. Erosion and Sedimentation Control	1515. # of acres of upland non-wetland habitat treated	62 acres	Added 2/10/16 at LB EP per list from NPSWCD. - mah 0.1 miles treated as per EP2.10.16

Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012-2015 No Till projects	48. Practice No-till and Conservation Tillage Systems	1404. # of upland acres treated	9804.1 acres	Added 2/10/16 at LB EP per list from NPSWCD. Per list notes, "Located in LC1 and SC1. Upland sediment needed is 53,869 acres, so 18% of the needed area is treated. - mah This project was combined with other no till projects during EP lookback 2.10.16
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	Mission Creek Bank Stabilization. Site 10-115	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.11 miles	Added 2/10/16 per NPSWCD update spreadsheet. Per notes, "528lf of rootwads, toe rock, bank veg., 5 barbs. -mah
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	Mission Creek Riparian planting, Site 10-115 (upstream of Mission Cr. bridge)	47. Plant Vegetation	1403. # of riparian acres treated	0.25 acre	Added 2/10/16 per NPSWCD update spreadsheet. -mah. 0.11 miles of stream affected
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2012-2013 Planting, Site 12-161 (Tributary to Sweetwater Cr.)	47. Plant Vegetation	1403. # of riparian acres treated	0.17 acres	Added 2/10/16 per NPSWCD update spreadsheet. -mah
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	STB Buffer Project Phases 1-3, Site 12-160	47. Plant Vegetation	1403. # of riparian acres treated	7 acres	Added 2/10/16 per NPSWCD update spreadsheet. -mah. 1.25 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2012-2013 STB Upper Sites	47. Plant Vegetation	1403. # of riparian acres treated	3.32 acres	Added 2/10/16 per NPSWCD update spreadsheet. -mah. .3 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2013-2014 Planting and Weed control demonstration project, and field trial. Site 12-157	197. Maintain/Remove Vegetation	1518. # of acres of riparian wetland habitat treated	0.55 acres	Added 2/10/16 per NPSWCD update spreadsheet. -mah. .3 miles treated
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012-2013 Sweetwater Creek Planting, Site 12-161	47. Plant Vegetation		0.14 miles	added during EP (2.10.16) (Tributary to Sweetwater Cr.)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	12-160 STB buffer project phases I-III	47. Plant Vegetation		1.25 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	STB upper sites	47. Plant Vegetation		0.3 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	Site 12-161 Stream Crossing	38. Improve Road	1394. # of miles of road improved or decommissioned in a riparian area	0.01 miles	Moved from Limiting Factor 6.1 as per EP (2.10.16). EWL
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	Site 12-161 Livestock Exclusion trib of Sweetwater and planting	40. Install Fence		0.13 miles	
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	Livestock exclusion from Webb Creek spring. Site 12-153	40. Install Fence		0.15 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Rock Creek Restoration	29. Increase Aquatic and/or Floodplain Complexity		0.7 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Mission Cr (MC) riparian planting and fencing	47. Plant Vegetation	1403. # of riparian acres treated	5.44 acres	added during EP (2.10.16). Bank stabilization. 1.52 miles
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Rock Cr exclusion fence	40. Install Fence		0.45 miles	added during EP (2.10.16) Detailed under Project 2: Mission Creek column and along side Mission Creek Riparian planting (same cell)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Sweetwater Cr levee removal	180. Enhance Floodplain/Remove, Modify, Breach Dike		0.1 miles	added as per EP (2.10.16); reconnect floodplain to riparian; 2012 Look Forward lists this activity under 6.1 Channel Structure and Form
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	12-160 STB buffer project phases I-III	47. Plant Vegetation		1.25 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	STB upper sites	47. Plant Vegetation		.3 miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	7.2: Sediment Conditions: Increased Sediment Quantity	11-124 Tom Beall Bridge bank stabilization	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.01 mile	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	8.1: Water Quality: Temperature	2012: Rock Creek Fence			0.45 miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	6.1: Channel Structure and Form: Bed and Channel Form	2012: Rock Creek Restoration	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	0.7 miles	added during EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2012: Rock Creek Restoration -riparian planting and weed control	47. Plant Vegetation	1406. # of riparian miles treated	0.7 miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	4.1: Riparian Condition: Riparian Vegetation	2015: TA 3125 Invasive weed treatment	22. Maintain Vegetation		.1 mile	Moved from 8.1 as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2015 Upper Corral Cr channel reconstruction	47. Plant Vegetation		1.83 miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2014 Bloom Creek channel reconstruction	47. Plant Vegetation		0.75 miles treated	Added to this limiting factor as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	6.1: Channel Structure and Form: Bed and Channel Form	2014 Bear Swanstrom channel reconstruction			.4 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2013 Racetrack bank stabilization and floodplain reconnect			0.28 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2013 Troy Dam channel reconstruction			0.2 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Racetrace channel reconstruction			0.28 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Upper Corral Cr channel reconstruction			1.83 miles of stream	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Fry Meadow LWD Addition			0.75 miles of stream	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Bloom Creek LWD addition			0.75 miles of stream	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Troy Dam channel reconstruction			0.2 MILES OF STREAM	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Bear Swanstrom channel reconstruction			0.4 miles of stream	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2013 Racetrace channel reconstruction			0.28 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2015 Upper Corral Cr channel reconstruction			1.83 miles of stream	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2013 Fry Meadow channel reconstruction			0.75 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2014 Bloom Creek channel reconstruction			0.75 STREAM MILES	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2013 Troy Dam channel reconstruction			0.2 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCSS	Potlatch River Basin	8.1: Water Quality: Temperature	2014 Bear Swanstrom channel reconstruction			0.4 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2015: Sweetwater Creek Levee removal and streambank stabilization			0.1 stream miles	added as per EP (2.10.16)
Snake River Steelhead	Clearwater River lower mainstem	LCS4	Lapwai Creek Basin	6.2: Channel Structure and Form: Instream Structural Complexity	2012: Rock Creek Restoration			0.7 stream miles	Added as per EP (2.10.16)

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Lolo Creek	LOS2	Jim Brown Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2012: Jim Brown MP 39 Culvert Replacement	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	5 miles	Culvert undersized, fill and roade failure potential. Potential metric is cubic feet of material that has the potential to fail, but undetermined yet.
Snake River Steelhead	Lolo Creek	LOS2	Jim Brown Creek	8.1: Water Quality: Temperature	2012:Jim Brown MP 39 vegetation planting	47. Plant Vegetation		1200 plants	Re-meanders stream out of the road ditch. As per EP (2.10.16) stream miles affected =0.075
Snake River Steelhead	Lolo Creek	LOS3	Lolo Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2014: Molly Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	1.2 miles	
Snake River Steelhead	Lolo Creek	LOS3	Lolo Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Molly Creek Culvert replacement	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity	1.2 miles	As per EP (2.10.16), stream miles affected =1
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2012: Musselshell Tunnel Creek Realignment	30. Realign, Connect, and/or Create Channel	1476. # of stream miles after treatment	15 miles	Reconstruct and Realign Musselshell Creek at Musselshell Tunnel. As per EP (2.10.16), 8 miles of stream were affected by this project
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	4.1: Riparian Condition: Riparian Vegetation	2013:Deer Gulch meadow restoration	40. Install Fence		30 acres	Exclusion fence build to keep cattle out
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	4.1: Riparian Condition: Riparian Vegetation	2013: Deer Gulch meadow restoration	47. Plant Vegetation	1405. # of wetland acres treated	30 acres	As per EP (2.10.18), 0.56 miles were treated
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2013:Deer Gulch meadow restoration	40. Install Fence	1761. # of acres of riparian wetland habitat protected by fencing	30 acres	Exclusion fence build to keep cattle out. As per EP (2.10.16), 0.56 miles of stream affected
Snake River Steelhead	Lolo Creek	LOS2	Jim Brown Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Jim Brown MP 39 Culvert replacement and veg planting	55. Erosion and Sedimentation Control		1 stream mile	Culvert undersized, fill and road failure potential. Potential metric is cubic feet of material that has the potential to fail, but undetermined yet. As per EP (2.10.16), stream miles affected = 1 mile
Snake River Steelhead	Lolo Creek	LOS2	Jim Brown Creek	4.1: Riparian Condition: Riparian Vegetation	2012: Jim Brown MP vegetation planting	47. Plant Vegetation		1200 plants	As per EP (2.10.16), treated 0.075 miles
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	8.1: Water Quality: Temperature	2013: Deer Gulch meadow restoration	47. Plant Vegetation	1405. # of wetland acres treated	30 acres	5000 plantings. As per EP (2.10.16), stream miles affected = 0.56
Snake River Steelhead	Lolo Creek	LOS3	Lolo Creek	4.1: Riparian Condition: Riparian Vegetation	2015:Collette Mine Restoration Phase I mine restoration	47. Plant Vegetation	1627. # of riparian wetland miles treated	0.2 miles	
Snake River Steelhead	Lolo Creek	LOS3	Lolo Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Collette Mine Restoration Phase I mine restoration	52. Remove Mine Tailings	1518. # of acres of riparian wetland habitat treated		0.2 flood plain will be regraded, tailing piles and berm will be excavated
Snake River Steelhead	Lolo Creek	LOS3	Lolo Creek	6.2: Channel Structure and Form: Instream Structural Complexity	2015: Collette Mine Restoration Phase I mine restoration	29. Increase Aquatic and/or Floodplain Complexity	1387. # of miles of stream with improved complexity		0.2 added to LOS3, 6.2, as per EP (2.10.16)
Snake River Steelhead	Lolo Creek	LOS4	Musselshell Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Deer Gulch meadow restoration	47. Plant Vegetation	1405. # of wetland acres treated	30 acres	As per EP (2.10.16), 0.56 miles were treated - this action was added during the meeting.

ESU	Population	Code	Assessment Unit	2012 Standardized Limiting Factor	Action	Work Element	Metric	Metric Plan Value	Plan Comment
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	150 acres	Duplicate activity to Crooked Fork (LAS3A) 7.2? As per 2012 look forward: 150 acres of total area treated for exotic/invasive plants, associated with road decommissioning projects
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	1.1: Habitat Quantity: Anthropogenic Barriers	2013: Pack I Bridge	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		As per EP (2.10.16), not a steelhead stream, therefore, zero'd the metric. EWL
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Pack Creek Road Decommissioning and vegetation planting	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	19.6 miles	EP (2.10.16) considered all Pack Creek Road decommissioning projects as one action affecting 5 river miles
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Tree planting on decommissioned roads	47. Plant Vegetation		25 acres	
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Parachute Tree planting	47. Plant Vegetation		75 acres	planting on decommissioned roads. As per EP (2.11.15), project impacted 1 mile of stream.
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2012- 2015: AU wide Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation		70 acres	4 years of assessment unit wide treatment. 2012-2014=50 acres and 2015=70 acres. As per EP (2.11.16), 41 STREAM MILES affected by this action
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Wendover-Badger Tree planting on decommissioned roads	47. Plant Vegetation		15 acres	As per EP (2.11.16) the project affected 1 stream mile
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	150 acres	
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	150 acres	
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	1.1: Habitat Quantity: Anthropogenic Barriers	2013: Pack II bridge	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		As per EP (2.10.16), not a steelhead stream, therefore, zero'd the metric. EWL
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	1.1: Habitat Quantity: Anthropogenic Barriers	2013: Pack III bridge	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range		As per EP (2.10.16), not a steelhead stream, therefore, zero'd the metric. EWL
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Mt. Fuji Decommissioning	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	9.5 miles	Last part of Pack Creek Road system
Snake River Steelhead	Lochsa River	LAS3B	Upper Crooked Fork/Boulder Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2012: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	This project was included in other projects during EP uplift consideration (2.10.16)
Snake River Steelhead	Lochsa River	LAS3B	Upper Crooked Fork/Boulder Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014 Granite Pass Tree planting on decommissioned roads	47. Plant Vegetation	1403. # of riparian acres treated	25 acres	as per EP affects 1 stream miles (EWL 2.11.16)
Snake River Steelhead	Lochsa River	LAS3B	Upper Crooked Fork/Boulder Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS3B	Upper Crooked Fork/Boulder Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS3B	Upper Crooked Fork/Boulder Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	completed 2015
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	8.1: Water Quality: Temperature	2012: Riparian and disturbed site revegetation	47. Plant Vegetation	1403. # of riparian acres treated	10 acres	EP decided there was no measureable benefit for this LF (EWL 2.11.16)
Snake River Steelhead	Lochsa River	LAS6	Lochsa Mainstem	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS6	Lochsa Mainstem	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2012-2015: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation		150 acres	33.4 stream miles affected
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2014: Pack II Decommissioning	33. Decommission Road/Relocate Road		18.3 miles	EP (2.10.16) considered impacts of all Pack Creek Road decommissioning projects together.
Snake River Steelhead	Lochsa River	LAS8	Middle Lochsa North Face tributaries Weir to Tick Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2012-2015 Invasive species treatment and restoration of native species on previously decommissioned roads				expected completion: 2018. Assessment Unit wide. EP estimated 57.7 stream miles affected by this project (2.11.16)
Snake River Steelhead	Lochsa River	LAS8	Middle Lochsa North Face tributaries Weir to Tick Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2014 107 Road/ Indian Graves Culvert Replacement / Bridge	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS9	Middle Lochsa South Face tributaries Lottie to Robin Creeks	8.1: Water Quality: Temperature	2014: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	100 acres	Added during EP LB 2/11/16 -MAH
Snake River Steelhead	Lochsa River	LAS9	Middle Lochsa South Face tributaries Lottie to Robin Creeks	8.1: Water Quality: Temperature	2015: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	70 acres	Completed treatment in 2015
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	1.1: Habitat Quantity: Anthropogenic Barriers	2013 Deep Canyon Road decomisioning/culvert removal	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	1 mile	Completed 2013; Decommission 445 rd. from trailhead to 108 allowing for the removal of 3 barrier culverts, construct motorcycle trail from 101 to trailhead, Metric modified as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	1.1: Habitat Quantity: Anthropogenic Barriers	2015 E. Fork Imnamatnoon Culvert	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.5 miles	Install 91' AOP Culvert
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2013: 5621 Wendover side, road improvement project	38. Improve Road	1394. # of miles of road improved or decommissioned in a riparian area	4 miles	Metric modified as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	1.1: Habitat Quantity: Anthropogenic Barriers	2015:Alkire Creek culvert replacement	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	0.5 miles	metric was modified during EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	6.2: Channel Structure and Form: Instream Structural Complexity	2015: 108 Road Relocation Waw'aalaimne	33. Decommission Road/Relocate Road		0.13 stream miles	Added as per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	4.2: Riparian Condition: LWD Recruitment	2015: 108 Road Relocation Waw'aalaimne	47. Plant Vegetation		3 acres	added as per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2015) 108 Road Relocation Waw'aalanime			0.13 stream miles	added per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2012-2015: Brushy Fork Culverts	55. Erosion and Sedimentation Control		4 culverts replaced	moved into this AU as per EP (2.10.16).
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Treat invasive species, protect/restore native plant communities	22. Maintain Vegetation	1734. # of acres maintained	150 acres	added as per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	8.1: Water Quality: Temperature	2015: Riparian planting 108	47. Plant Vegetation	1403. # of riparian acres treated	3 acres	Planting associated with road 108 relocation Moved to this AU as per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	8.1: Water Quality: Temperature	2013: Tree planting	47. Plant Vegetation	1403. # of riparian acres treated	20 acres	moved to this AU as per EP (2.10.16)
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2013: Pack I , II, and III Bridge	184. Install Fish Passage Structure	1441. # of miles of habitat accessed to the next upstream barrier(s) or likely limit of habitable range	7.7 stream miles	Downstream improvements. 1.5, 3.5, 2.7 miles of stream affected.
Snake River Steelhead	Lochsa River	LAS2A	Lower Colt Killed Creek	7.2: Sediment Conditions: Increased Sediment Quantity	2015:Alkire Creek culvert replacement	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	added to 7.2 as per EP (2.11.16). Metric modified as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS2B	Big Sand Creek	8.1: Water Quality: Temperature	2013-2015 weed control	22. Maintain Vegetation		11 acres	EP decided not to evaluate uplift for this project (EWL 2.11.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Cold Storage Planting	47. Plant Vegetation		20 acres	added as per EP (2.11.16). Project affected 1 stream mile
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2015 E. Fork Imnamatnoon Culvert	184. Install Fish Passage Structure		2 stream miles	Added 2/11/16 -MAH Metric modified As per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Waw'aalanime Dispersed site	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	0.1 miles	Added during EP 2/11/16 -mah
Snake River Steelhead	Lochsa River	LAS1A	Upper Lochsa Tributaries - Postoffice to Parachute Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Imnamatnoon Dispersed site	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	0.1 miles	Added during EP 2/11/16-mah
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Cherokee/Twin Creek road decommissioning	33. Decommission Road/Relocate Road	1395. # of miles of road improved or decommissioned in an upland area	10 miles	Added during EP 2/11/16 mah; Affected 3 stream miles (as per EP 2.11.16).
Snake River Steelhead	Lochsa River	LAS3A	Crooked Fork	7.2: Sediment Conditions: Increased Sediment Quantity	Haskell/Beaver Ridge Planting	47. Plant Vegetation	1404. # of upland acres treated	50 acres	Added during EP 2/11/16 MAH; affected 1 stream miles as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS6	Lochsa Mainstem	7.2: Sediment Conditions: Increased Sediment Quantity	2015: Treat Invasive Species	22. Maintain Vegetation	1734. # of acres maintained	50 acres	
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	4.1: Riparian Condition: Riparian Vegetation	2013 Deep Canyon Road Decommissioning and planting	47. Plant Vegetation	1403. # of riparian acres treated	5 acres	Added during EP 2/11/16 MAH. 0.25 stream miles treated.
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Deep Canyon Road decomisioning/culvert removal	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	0.25 miles	Added during EP LB 2/11/16 MAH. Metric modified as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Canyon 445 Decomisioning	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	1.2 miles	Added during EP LB 2/11/16 MAH
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Bear Canyon Road decommissioning	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	7 miles	Added during EP LB 2/11/16 MAH. 1 stream mile affected by this project as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2012 Cedar Brush Road Decommissioning (Glade Creek)	33. Decommission Road/Relocate Road	1394. # of miles of road improved or decommissioned in a riparian area	8 miles	Included a full barrier, but no steelhead at that location , 1 STREAM mile affected as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2015 Tree planting on decommissioned roads (Pete King, Canyon, Glade, Walde)	47. Plant Vegetation	1403. # of riparian acres treated	35 acres	Added during EP LB 2/11/16 MAH. 1 stream mile affected as per EP (2.11.16)
Snake River Steelhead	Lochsa River	LAS7	Lower Lochsa (Deadman Creek to Pete King Creek)	7.2: Sediment Conditions: Increased Sediment Quantity	2012-2015 Invasive Treatment	22. Maintain Vegetation	1734. # of acres maintained	150 acres	29.4 stream miles affected by this activity (as per EP 2.11.16)

Snake River Steelhead	Lochsa River	LAS8	Middle Lochsa North Face tributaries Weir to Tick Creeks	4.1: Riparian Condition: Riparian Vegetation	2013 Weir Creek Trail Realignment and decommissioning	33. Decommission Road/Relocate Road	1483. # of miles of road or trail created/relocated in the upland zone	1.0 mile	Heavily used trail adjacent to stream relocated to ridge/ midslope. Includes rehab of old trail and campsites. Added during EP 2/11/15 MAH
Snake River Steelhead	Lochsa River	LAS8	Middle Lochsa North Face tributaries Weir to Tick Creeks	7.2: Sediment Conditions: Increased Sediment Quantity	2013 Weir Creek Trail Realignment and decommissioning	33. Decommission Road/Relocate Road	1483. # of miles of road or trail created/relocated in the upland zone	1.0 mile	Added during EP 2/11/16 MAH
Snake River Steelhead	Lochsa River	LAS9	Middle Lochsa South Face tributaries Lottie to Robin Creeks	8.1: Water Quality: Temperature	2012-15 Invasive Species treatment	22. Maintain Vegetation	1734. # of acres maintained	54 acres	Added during EP LB 2/11/16 MAH
Snake River Steelhead	Lochsa River	LAS8	Middle Lochsa North Face tributaries Weir to Tick Creeks	1.1: Habitat Quantity: Anthropogenic Barriers	2014 107 Road/ Indian Graves Culvert Replacement / Bridge	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 miles (no benefit until barriers downstream are removed)	No benefit at this time from 2 culvert replacements since there are still barriers downstream. Added during EP LB 2/11/16 -MAH