

Table H-1. Brief summary of the types of information contained in assessment documents completed recently within the Salmon Subbasin, Idaho.

Assessment name	Source	Purpose	Area of Coverage		Information provided in assessment document												
					Aquatic habitats and species							Terrestrial habitats and species					
			Watershed(s)	Ownership(s)	Watershed (including riparian) conditions	Channel conditions and dynamics	Water quality	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	Landscape dynamics	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	
Nez Perce National Forest. 1999. Biological Assessment of Forest Service Activities on Threatened, Endangered and Forest Service Sensitive Species in the Main Salmon River Subbasin (Little Salmon River to Sabe Creek)	NPNF	Section 7 consultation	MSC Middle Mainstem Salmon and 5th Code watersheds;	USFS, private and BLM	X	X	X	X	X	X			X	X	X		
Nez Perce National Forest. 1999. Biological Assessment of On-going and Proposed Forest Service (USFS) and Bureau of Land Management (BLM) Activities On Federally Listed and Forest Service Sensitive Fish Species in the 4th Hydrologic Unit Code (HUC) Lower Salmon River Cumulative Effect Watershed (CEW) (Whitebird, ID to Riggins, ID)	NPNF	Section 7 consultation	LOS Lower Mainstem Salmon and 5th Code watersheds;	USFS, private and BLM	X	X	X	X	X		X						
Nez Perce National Forest. 2000. Slate Creek Ecosystem Analysis at the Watershed Scale.	NPNF	analysis for management to 6th Code watershed	Slate Cr and tribs	NPNF	X	X	X	X	X	X	X	X	X	X	X	X	X
Nez Perce National Forest. 1994. Biological Assessment Main Salmon River Tributaries (Northeast) Watershed Analysis Area	NPNF	BA for ongoing activities	MSC Mainstem and North Main Tributaries	NPNF, private	X	X	X	X	X		X	X	X				X
Nez Perce National Forest. 1995. Biological Assessment Lower Salmon River.	NPNF	Section 7 consultation	LOS	USFS,	X	X	X	X	X			X	X				
Bureau of Land Management. 2000. Lower Salmon River subbasin biological assessment of ongoing and proposed Bureau of Land Management activities on sockeye salmon, fall chinook salmon, spring/summer chinook salmon, steelhead trout, bull trout, and BLM sensitive species. Upper Columbia-Salmon Clearwater District, Cottonwood, Idaho	BLM	Section 7 consultation	LOS Lower Salmon and 5th code watersheds China Cr, Eagle Cr, Deer Cr, Cottonwood Cr, John Day Cr	USFS, BLM, private	X	X	X	X	X	X	X						
Nez Perce National Forest. 1999. Biological Assessment of On-going Forest Service (USFS) Activities On Federally Listed and Forest Service Sensitive Fish Species Little Salmon River Watershed	NPNF/PNF	Section 7 consultation; refers to species and habitat described in PNF document	LSA	USFS													
Bureau of Land Management. 2000. Middle Salmon River and South Fork Salmon River Subbasins. Biological assessment of ongoing and proposed Bureau of Land Management activities on sockeye salmon, fall chinook salmon, spring/summer chinook salmon, steelhead trout, bull trout, and BLM sensitive species. Upper Columbia-Salmon Clearwater District, Cottonwood, Idaho	BLM	Section 7 consultation	MSC Middle Mainstem Salmon and 5th Code watersheds;	USFS, BLM	X	X	X	X	X	X	X						

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Nez Perce National Forest. 1995. Biological Assessment Lower Little Salmon River/Rapid River.	NPNF	Section 7 consultation	LSA	NPNF	X	X	X	X	X			X	X			
Idaho Department of Environmental Quality. 2001.	IDEQ	TMDL Subbasin Assessment	MSC	Federal	X		X	X	X	X						
Rabe, F.W. 1994. Habitat Assessment and Bioassessment of Macroinvertebrate Communities from Four Streams in the Salmon River Drainage of the Craig Mountain Wildlife Mitigation Area	F.W. Rabe	Macroinvertebrate survey	LOS	Mixed												
Cassirer, E.F. 1995. Wildlife Inventory, Craig Mountain, Idaho	IDFG/BPA	Determine distribution and abundance of target species and rare wildlife	LOS	Mixed									X	X	X	
Mancuso, M. and R. Mosely. 1994. Vegetation Description, Rare Plant Inventory and Vegetation Monitoring for Craig Mountain, Idaho	IDFG/BPA	Inventory habitat and vegetation and recommend vegetation monitoring program	LOS	Mixed								X	X			X
Boulder Creek WA (1998)	PNF WA		Boulder Cr (Little Salmon)	FS												
Slate Cr (lower Salmon) WA			Slate Cr (lower Salmon)													
Rapid River WA			Rapid River													
Hard/Hazard WA			Hard/Hazard													
Bowman, K.E. and G.W. Minshall. 2000. Assessment of short- and mid-term effects of wildfire on habitat structure in streams of the Payette National Forest. Prepared for Payette National Forest, McCall, Idaho.	PNF	wildfire effects on habitat	Big Cr (MFL), SFS tributaries	USFS	X	X	X	X			X	X				
IDEQ. 2000. South Fork Salmon River draft subbasin assessment. Idaho Department of Environmental Quality, Boise.	IDEQ	TMDL	SFS	USFS			X				X					
Boise National Forest. 1999. Biological assessment of ongoing actions effects on bull trout: Bear Valley subpopulation watershed.	BNF	Section 7 bull trout consultation	Bear Valley Cr (MFU)	USFS	X	X	X	X	X							
Clearwater Basin Bull Trout Technical Advisory Team. 1998. Main Salmon River basin bull trout problem assessment	IDEQ	bull trout conservation	MSC	mixed					X							

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Southwest Basin Native Fish Technical Group. 1998. South Fork Salmon River group bull trout problem assessment	IDEO	bull trout conservation	SFS	mixed USFS, private						X							
Southwest Basin Native Fish Technical Group. 1999. Bear Valley Creek key watershed bull trout problem assessment.	IDEO	bull trout conservation	MFU (Bear Valley Creek)	USFS						X							
Boise National Forest. 1999. Biological Assessment of ongoing actions effects on steelhead: Bear Valley Section 7 watershed	BNF	Steelhead Section 7 consultation	MFU (Bear Valley Creek)	BNF	X	X	X	X	X	X		X					
Payette National Forest. 2001 draft. Biological Assessment for the Potential Effects of Managing the Payette National Forest in the Little Salmon River Section 7 Watershed on Snake River Spring/Summer and Fall Chinook salmon, Snake River Steelhead, and Columbia River Bull Trout and Biological Evaluation for Westslope Cutthroat Trout, Volume 15 Ongoing and New Actions	PNF	Section 7 consultation for spring/summer chinook salmon, steelhead, and bull trout; BE for westslope cutthroat trout	LSA	PNF	X	X	X	X	X	X	X	X					
Payette National Forest. 2001 draft. Biological Assessment for the Potential Effects of Managing the Payette National Forest in the Main Salmon SW Section 7 Watershed on Snake River Spring/Summer Chinook Salmon, Snake River Steelhead, and Columbia River Bull Trout and Biological Evaluation for Westslope Cutthroat Trout, Volume 15: Ongoing and New Actions	PNF	Section 7 consultation for spring/summer chinook salmon, steelhead, and bull trout; BE for westslope cutthroat trout	MSC	PNF	X	X	X	X	X	X	X	X					
Payette National Forest. 2001 draft. Biological Assessment for the Potential Effects of Managing the Payette National Forest in the Middle Fork Salmon River Tributaries NW and Main Salmon River Tributaries SE Section 7 Watersheds on Snake River Spring/Summer and Fall Chinook Salmon, Snake River Steelhead, and Columbia River Bull Trout and Biological Evaluation for Westslope Cutthroat Trout, Volume 7: Ongoing and New Actions	PNF	Section 7 consultation for spring/summer chinook salmon, steelhead, and bull trout; BE for westslope cutthroat trout	MFU/MFL	PNF	X	X	X	X	X	X	X	X					
Payette National Forest. 2001 draft. Biological Assessment for the Potential Effects of Managing the Payette National Forest in the South Fork Salmon River Section 7 Watershed on Snake River Spring/Summer and Fall Chinook Salmon, Snake River Steelhead, and Columbia River Bull Trout and Biological Evaluation for Westslope Cutthroat Trout, Volume 24: Ongoing and New Actions	PNF	Section 7 consultation for spring/summer chinook salmon, steelhead, and bull trout; BE for westslope cutthroat trout	SFS	PNF	X	X	X	X	X	X	X	X					

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Payette National Forest. 1999. Biological assessment for the potential effects of managing the Payette National Forest in the South Fork Salmon River section 7 watershed on Snake River spring/summer and fall chinook salmon, Snake River steelhead, and Columbia River bull trout, Volume 23: Grouped Actions: Trails End waterline special use permit, Eiguren irrigation ditch special use permit, South Fork Salmon River road reconstruction, Stibnite mine closure, Daddy Del's placer exploration	PNF	Section 7 consultation for spring/summer chinook salmon, steelhead, and bull trout	SFS	PNF	X	X	X	X	X		X					
Kuzis, K. 1997. Watershed analysis of the upper East Fork South Fork of the Salmon River. Prepared for Krassel Ranger District, Payette National Forest, McCall, Idaho.	PNF	Forest Plan and PACFISH requirements	SFS (upper East Fork S Fk Salmon R)	USFS, private	X	X	X	X	X	X	X	X				
Boise National Forest. 1994. Biological assessment of ongoing and proposed activities, South Fork Salmon River Watershed. Cascade Ranger District.	BNF	spring/summer chinook salmon Section 7 consultation	SFS	BNF	X	X	X	X	X		X					
Payette National Forest. 1997. Elk Creek watershed analysis. McCall Ranger District, McCall.	PNF	fire related erosion, road reconstruction	SFS (Elk Cr)	PNF	X	X	X	X	X		X	X				
Payette National Forest. 1997. 1996/1997 storm assessment. Payette National Forest, McCall.	PNF	storm damage	SFS	USFS		X			X			X				
Carmichael, R., L. Lestelle, L. Moberand, D. Statler, R. Carter, D. Bennett, J. Chandler, K. Lepa, T. Cochnauer, J. DeVore, T. Rien, R. McMullin, M.J. Parsley, and A. Seamans. 1997. Upper Snake River White Sturgeon Biological Risk Assessment. Prepared for Nez Perce Tribe by Moberand Biometrics, Inc. Vashon Island, Washington.	Nez Perce Trib	EDT analysis	LOS	mixed federal,	X	X	X	X		X	X					
Shapiro and Associates, Inc. 2000. Bear Valley watershed analysis. Prepared for Lowman Ranger District, Boise National Forest, Idaho.	BNF	Land and watershed management	Bear Valley Cr (MFU)	BNF	X	X	X	X	X	X	X	X				
Chicken Post-fire landscape assessment 1995	PNF	fire related erosion	??	USFS												
Biological Assessment for Bull Trout in the Section 7 Watershed Lower, Canyon, East Fork Salmon River - Peach Creek, 1999	SNRA	Bull trout life history, impacts of various land management activities, and known bull trout distribution.	Main Salmon - EFSR to Peach cr.	Federal, private	X			X	X							

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Biological Assessment of Effects of Ongoing Federal Actions on the Valley Creek Subpopulation of threatened Columbia River Bull trout, 1998	SNRA	Bull trout life history, impacts of various land management activities, and known bull trout distribution.	Valley Creek only	Federal, private	X				X	X							
Biological Assessment for Snake River Steelhead in the Section 7 Watershed Lower Canyon , East Fork Salmon River - Peach Creek, 1999	SNRA/BLM	Steelhead life history, impacts of various land management activities, and known steelhead distribution.	Main Salmon - EFSR to Peach cr.	Federal, private	X				X	X							
Steelhead Section 7 Watershed, East Fork Salmon River, 1998	BLM/USFS	Steelhead life history, impacts of various land management activities, and known steelhead distribution.	EFSR only and tribs	Federal, private	X				X	X							
Bull Trout Section 7 Watershed, East Fork Salmon River, 1998	BLM/USFS	Bull trout life history, impacts of various land management activities, and known bull trout distribution.	EFSR only and tribs	Federal, private	X				X	X							
Model Watershed Plan, 1995	Upper Salmon Basin Watershed Project	Project setting, Planning process, action plan, M and E, Coordination	Lemhi, Pahs, EFSR, Main	Federal, private	X				X			X					
Upper Salmon River Key Watershed Bull Trout Problem Assessment, 1999, DRAFT	Upper Salmon River Interagency Technical Advisory Team/DEQ	Bull trout life history, impacts of various land management activities, known bull trout distribution, problem assessment, recommendations.	Panther upstream	Federal, private	X				X	X							
Programmatic Biological Assessment for Fire Suppression and Prescribed Natural Fire on Public Lands in the Upper Salmon River Subbasin, 2000	BLM-USFS	Assessment of Fire Impacts and Mitigation Measures	Many samples throughout upper basin	Federal, private	X				X				X	X			
Programmatic Biological Assessment for Road Maintenance on Public Lands in the Upper Salmon River Subbasin, 2000	BLM-USFS	Maintenance and management of roads and their impacts, and estimated road mileage for certain areas	Many samples throughout upper basin	Federal, private										X			
Sawtooth National Recreation Area (SNRA) Watershed and Biological Assessment Monitoring Report, 1998	USFS-SNRA	Evaluation of range management, recreational activities, and roads, etc.	SNRA	Federal, private	X				X				X	X			

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Biological Assessment of Effects of Ongoing Federal Actions on the Sawtooth Valley Subpopulation of threatened Columbia River Bull trout, 1998	SNRA	Bull trout life history, impacts of various land management activities, and known bull trout distribution.	SNRA	Federal, private	X			X	X								
Upper Salmon Subbasin Review, 1998	SCNF, BLM-Challis, SNRA	American Indians, human uses, hydrology, fisheries, riparian vegetation, etc.	all	Federal, private	X	X	X	X				X	X				
Herd Creek Water Shed Analysis 1997	BLM-USFS	Human uses, Water Resources, uplands, riparian, fish habitat, wildlife, recommendations.	Herd only in EFSR	Federal, private	X	X	X	X				X	X				
Upper Salmon River Subbasin Assessment - Draft, 2000	IDEO	Watershed characterization, water quality concerns and status, etc.	Upper Salmon HUC	Federal, private	X	X	X	X			X						
Biological Assessment of Effects of Ongoing and Proposed Federal Actions on the Sawtooth Valley Subpopulation of listed Snake River Sockeye, Snake River Spring/Summer Chinook Salmon Snake River Steelhead, and Columbia River Bull Trout and sensitive Westslope Cutthroat Trout, 2000?	SNRA	Biophysical description of basin, species narrative-life history, population and environmental status, trends in population and habitat and current risks, population opportunities	Partial coverage - Snra only	Federal, private	X	X	X	X	X		X						
Pahsimeroi Watershed Biological Assessment 1999?	BLM-USFS		Pahsimeroi HUC	Federal, private	X			X									
Pahsimeroi Sub-Basin Review: Draft Characterizations, Issues, Indicators, and Status, Risk and Opportunity Assessments 2000	BLM-USFS		Pahsimeroi HUC	Federal, private	X			X									
Pahsimeroi Subbasin Assessment, 2000	IDEO	Characterization of watershed, water quality concerns and status	Pahsimeroi HUC	Federal, private	X	X	X	X									
Bull Trout Section 7 Consultation Salmon River - North Fork to Pahsimeroi, 1999	BLM-USFS	Status of bull trout and watershed, description of ongoing activities, characteristics, bull trout distribution, etc.	Mainstem & tribs from NF to Pahs	Federal, private	X	X	X	X	X		X						
Hawley Creek Watershed Analysis, 1997	BLM Salmon Field Office	6th field HUC analysis of issues, uses, watershed and population conditions, and trends.	Hawley Creek & tribs	Federal, private	X	X	X	X	X	X	X	X	X	X	X	X	X
1994 Stream Habitat Inventory - Lemhi, Pahsimeroi, E. Fork, 2001 (in draft)	Trapani, USBWP	Baseline modified R1/R4 habitat inventory to monitor changes in watershed conditions in response to Model Watershed habitat improvement projects.	Lemhi, Pahsimeroi, EFSR	Federal, private		X		X			X						

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Lemhi River Subbasin Review, 1999	BLM-USFS	Characterization of watershed, aquatic riparian, weeds, wildlife prioritization	Lemhi Watershed	Federal, private	X	X							X	X			
Lemhi River Watershed TMDL and Assessment, 1999	IDEQ	Watershed characterization, water quality concerns and status, etc.	all	Federal, private	X	X	X	X					X				
Steelhead Section 7 Consultation Lemhi River Watershed, 1999	BLM	Descriptions, characteristics, steelhead distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Lemhi Watershed	Federal, private	X				X	X			X				
Bulltrout Section 7 Consultation Lemhi River Watershed, 1999	BLM	Descriptions, characteristics, bull trout distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Lemhi Watershed	Federal, private	X				X	X			X				
Lemhi River Habitat Improvement Study, 1986	BPA	Problem statement, literature search, water right issues, fish habitat assessment, benefits analysis, recommendations	Lemhi Watershed	Federal, private	X	X	X	X									
Lemhi River Basin Study - Final Report for the Model Watershed Program, 1999	Lemhi Irrigation District	General description of the hydrologic nature of the Lemhi River basin - includes monitoring well info and general summary of conditions	Lemhi Watershed	Federal, private	X								X				
Section 7 Consultation Ongoing and Proposed Activities Camas Creek Watershed, 1994	Salmon National Forest (SNF)	General description, characteristics, ongoing activities, effects, M&E, soils, grazing, harvest, etc.	Camas Cr. watershed only	Federal, private	X				X				X	X			
Middle Salmon River - Chamberlain Subbasin Assessment and Crooked Creek Total Maximum Daily Load, 2001	IDEQ	Physical and biological characteristics, ownership, GIS maps, subbasin descriptions, water quality concerns and status, pollutant source inventory, pollutant data gaps, control efforts, recommendations	mid salmon chamberlain	Federal, private	X	X	X	X					X				

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Watershed Analysis Approaches for Chinook Salmon, Yankee Fork of the Salmon River, Idaho: An Example	USFS	Watershed characterization, issues and key questions, current conditions, etc., recommendations, data gaps	Yankee Fork Watershed	Federal, private	X	X	X	X				X	X			
Middle Fork Salmon River Key Bull Trout Watersheds Problem Assessment, 1998	IDFG/IDEO	Dist, Abundance, Habitat conditions and Trends, Characteristics and limiting factors, priority watersheds and habitat, recommendations	mf entirely	Federal, private	X	X	X	X	X							
Bear Valley Creek Key Watershed Bull Trout Problem Assessment, 1999	Southwest Basin native Technical Group	Dist, Abundance, Habitat conditions and Trends, Characteristics and limiting factors, priority watersheds and habitat, recommendations	partial coverage	Federal, private	X	X	X	X	X							
Section 7 Biological Assessment for the Marsh Creek Watershed 1993	Challis NF	Descriptions, characteristics, chinook distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Upper middle fork	Federal, private	X	X	X	X	X							
Biological Assessment for Chinook Salmon in the Middle Fork Section 7 Watershed, 1994	Challis NF	Description of Watershed, little pop info, summary of known habitat info R1/R4 data, ratings, temperature info	Most of Middle Fork	Federal, private	X	X	X	X	X		X					
Biological Assessment for Chinook Salmon in the Thompson Creek Section 7 Watershed , 1994	Challis NF	Descriptions, characteristics, chinook distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Thompson only	Federal, private	X	X	X	X	X		X					
Biological Assessment for Chinook Salmon in the Challis Creek Section 7 Watershed , 1994	Challis NF	Descriptions, characteristics, chinook distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Challis Creek only	Federal, private	X	X	X	X	X		X					

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Biological Assessment for Chinook Salmon in the Morgan Creek Section 7 Watershed , 1994	Challis NF	Descriptions, characteristics, chinook distribution, analysis of effects of projects, life history narrative, ongoing activities, and some pop. info.	Morgan Creek only	Federal, private	X	X	X	X	X		X					
Effects of Federal Actions on Listed Snake River spring/summer chinook salmon and their designated critical habitats in the Pahsimeroi River Watershed, 1998.	USFS - CRD, BLM	Chinook salmon life history, impacts of various land management activities, and known chinook distribution.	Pahsimeroi HUC	Federal, private	X	X	X	X			X					
Burton, Timothy A. 1999 (September 28). No Effect Determinations for Elk Creek GS Water System Reconstruction. USDA Forest Service, Boise National Forest, Lowman Ranger District, Boise, ID. (for chinook, steelhead, and bull trout).	USDAFS, Boise NF, Lowman District	Water system reconstruction, consultation for chinook, steelhead, and bulltrout	Elk Creek (MFU)	USFS	X				X							
Burton, Timothy A. 1998 (May 8). Biological Assessment: Effects of Livestock Grazing on Steelhead in Bear Valley. USDA Forest Service, Boise National Forest, Lowman Ranger District, Boise, ID.	USDAFS, Boise NF, Lowman District	Steelhead Section 7 consultation	Bear Valley Cr (MFU)	USFS	X				X							
Burton, Timothy A. 1993 (August 30). Biological Evaluation/Assessment of the Cook Fiber Salvage Sale. USDA Forest Service, Boise National Forest, Lowman Ranger District, Boise, ID.	USDAFS, Boise NF, Lowman District	Timber harvest consultation		USFS	X				X							
Burton, Timothy A. and Kristine E. Vollmer. 1998-2001 (in Draft). Biological Assessment of Batched Actions' Effects on Steelhead Trout and Snake River Spring/Summer Chinook Salmon, Bear Valley Section 7 Watershed. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation for chinook and steelhead	Bear Valley Cr (MFU)	USFS	X				X							
Kozel, Steven J. and Timothy A. Burton. 1994 (June 15). Biological Assessment of Ongoing and Proposed Activities Bear Valley Watershed. USDA Forest Service, Boise National Forest, Lowman Ranger District.	USDAFS, Boise NF, Lowman District	Section 7 consultation for proposed actions	Bear Valley Cr (MFU)	USFS	X				X							

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Strandberg, Mary R., Kristine E. Vollmer, and Steven J. Kozel. 1994 (May 6). Biological Assessment/Evaluation of Poker Meadows Passport in Time Archaeological Excavation Project – Effect on Snake River Spring/Summer Chinook Salmon and Bull Trout. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation for archaeological excavation	Poker Meadows	USFS	X					X							
USDA Forest Service. 1999 (July 21). Biological Assessment Noxious Weed Treatment Program for 1999 Bear Valley, South Fork Salmon, and Johnson Creek Section 7 Watersheds. USDA Forest Service, Boise National Forest, Boise, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation for noxious weeds treatment	Bear Valley Cr (MFU), Johnson Cr and South Fk Salmon (SFS)	USFS	X					X							
Vollmer, Kristine E. 1999 (February 4). Biological Assessment/Evaluation of Commercial Special Use Permits for Guided Flat Boat Fishing Trips & Guided Walk and Wade Fishing Trips by Sawtooth Guide Service for Snake River Spring/Summer Chinook Salmon, Steelhead, Bull Trout, and Westslope Cutthroat Trout in Bear Valley Creek. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation for recreational guiding	Bear Valley Cr (MFU)	USFS	X					X							
Vollmer, Kristine E. and Timothy A. Burton. 1994 (July 5). Biological Assessment of Bear Valley Basin Cache Creek Green Timber Sale – Effects on Snake River Spring/Summer Chinook Salmon. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID. (plus various amendments to this BA up through 1999 to add steelhead, to allow summer and fall burning of units, to incorporate PacFish RHCAs, etc.).	USDAFS, Boise NF, Lowman District	Section 7 consultation for timber		USFS	X					X							
Vollmer, Kristine E., Timothy A. Burton, and Steven J. Kozel. 1992 (December 7). Biological Assessment of Bear Valley Basin Livestock Grazing Allotments – Effects on Snake River Spring/Summer Chinook Salmon. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID. (many addendums and communications over the ensuing years).	USDAFS, Boise NF, Lowman District	Section 7 consultation on livestock grazing	Bear Valley Basin (MFU)	USFS	X					X							

Table H-1. Brief summary of the types of information contained in assessment documents completed recently within the Salmon Subbasin, Idaho.

Assessment name	Source	Purpose	Area of Coverage		Information provided in assessment document												
					Aquatic habitats and species							Terrestrial habitats and species					
			Watershed(s)	Ownership(s)	Watershed (including riparian) conditions	Channel conditions and dynamics	Water quality	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	Landscape dynamics	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	
Vollmer, Kristine E., Timothy A. Burton, and Walter B. Rogers. 1995 (March). Checklist for Screening Ongoing Actions for Determining Unacceptable Risk - Aquatic & Riparian Habitat Improvement Projects - PACFISH Screens and BA Supplement in the Bear Valley Basin. USDA Forest Service, Boise National Forest, Lowman Ranger District. (for 15 activities and categories of activities).	USDAFS, Boise NF, Lowman District	Section 7 consultation on habitat improvement projects	Bear Valley Basin (MFU)	USFS	X					X							
Vollmer, Kristine E. and Lee K. Jacobson. 1996 (June 2). Biological Assessment of the Bear Valley C&H Livestock Grazing Allotment - Effects on Snake River Spring/Summer Chinook Salmon for the 1996-2005 Seasons. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID. (many addendums and communications over the ensuing years).	USDAFS, Boise NF, Lowman District	Section 7 consultation on livestock grazing	Bear Valley Basin (MFU)	USFS	X					X							
Vollmer, Kristine E., and Steven J. Kozel. 1993 (December 29). Biological Assessment of Bear Valley Basin Livestock Grazing Allotments - Effects on Snake River Spring/Summer Chinook Salmon for 1994 - 1995 Seasons. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID. (many addendums and communications over the ensuing years).	USDAFS, Boise NF, Lowman District	Section 7 consultation on livestock grazing	Bear Valley Basin (MFU)	USFS	X					X							
Vollmer, Kristine E., Steven J. Kozel, and Timothy A. Burton. 1993 (September 10). Biological Assessment of Bear Valley Basin Timber Stand Thinning Effects on Snake River Spring/Summer Chinook Salmon. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation on timber management	Bear Valley Basin (MFU)	USFS	X					X							
Vollmer, Kristine E., Steven J. Kozel, and Timothy A. Burton. 1993 (April 23). Biological Assessment of Bear Valley Basin Mushroom Harvest - Effects on Snake River Spring/Summer Chinook Salmon. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation on mushroom harvest	Bear Valley Basin (MFU)	USFS	X					X							

Table H-1. Brief summary of the types of information contained in assessment documents completed recently within the Salmon Subbasin, Idaho.

Assessment name	Source	Purpose	Area of Coverage		Information provided in assessment document												
					Aquatic habitats and species							Terrestrial habitats and species					
			Watershed(s)	Ownership(s)	Watershed (including riparian) conditions	Channel conditions and dynamics	Water quality	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	Landscape dynamics	Habitat quantity, quality, and connectivity	ESA-listed species status and management	Non-listed species status and management	Monitoring programs and trend data	
Vollmer, Kristine E., Steven J. Kozel, and Timothy A. Burton. 1993 (March 12). Biological Assessment of Bear Valley Basin Salvage Timber Harvest – Effects on Snake River Spring/Summer Chinook Salmon. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation on timber harvest	Bear Valley Basin (MFU)	USFS	X					X							
Vollmer, Kristine E. and Mary R. Strandberg. 1995 (March 12). Supplement to Biological Assessment of Bear Valley Basin Livestock Grazing Allotments – Effects on Snake River Spring/Summer Chinook Salmon for 1995-1996 Seasons. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation on livestock grazing	Bear Valley Basin (MFU)	USFS	X					X							
Jimenez, J. 2000 (May). Biological assessment of the effects of the Nameless Creek restoration project on bull trout (Salvelinus confluentus) within the Bear Valley subpopulation watershed. USDA Forest Service, Boise National Forest, Lowman Ranger District, Lowman, ID.	USDAFS, Boise NF, Lowman District	Section 7 consultation for bull trout on habitat improvement projects	Nameless Creek, Bear Valley Basin (MFU)	USFS	X					X							