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Attorneys for Plaintiff

#### IN THE DISTRICT COURT OF THE SEVENTH JUDICIAL DISTRICT OF

#### THE STATE OF IDAHO, IN AND FOR THE COUNTY OF LEMHI

CV30-23-0191 THE IDAHO DEPARTMENT OF Case No. \_\_\_\_\_

WATER RESOURCES.

Plaintiff.

VS.

LAURENT COMTE, an individual; and PANTHERC, LLC, an Idaho limited liability company,

Defendants.

AFFIDAVIT OF JEFFERY E. RICHARDS

- I, Jeffery E. Richards, being first duly sworn upon oath, depose and state as follows:
- 1. I am over the age of eighteen, and I make this affidavit based upon my own personal knowledge regarding the matters addressed herein.
- 2. I am currently the Regional Technical Assistance Manager (formerly titled Environmental Staff Biologist) for the Idaho Fish & Game ("IDFG") Salmon Region. I have been in this position since 2016. The Technical Assistance Program is responsible for assessing the ecological and biological ramifications of management actions on fish and wildlife and their habitats.
- 3. As the Regional Technical Assistance Manager, I assess proposed management actions on fish and wildlife and their habitats. It is my responsibility to be familiar with site-specific fish and wildlife conditions and proposals, understanding the ecological and biological ramifications of management actions on fish and wildlife and their habitats, and effectively communicating both orally and in writing the management effects, alternatives, and proposed mitigation to agencies, professionals, and the public. I frequently evaluate land use plans, housing development impacts, stream alterations, industrial and commercial developments, water rights, vegetation management including timber harvest, road construction, livestock grazing, and prescribed fire, hydro licensing, and transportation developments. It is my responsibility to coordinate with other IDFG regional fish and wildlife staff, serve as the point of contact for IDFG at the regional level, and I am the primary resource contact for the Regional Supervisor on all issues concerned with land use, state and federal land management, water rights, and compliance with environmental laws and regulations.

- 4. I have an Associate Science degree in wildlife technology from Pennsylvania State University Dubois. I have Bachelor of Science degree in wildlife resources from the University of Idaho. I have a Master of Science degree in conservation sciences from Oklahoma State University Stillwater.
- On June 20, 2023, Kelly Schade from the United States Forest Service ("USFS"), informed me that a person had rerouted Panther Creek by digging a new channel.
- 6. This section of Panther Creek supports steelhead/rainbow trout (Oncorhynchus mykiss) and bull trout (Salvelinus confluentus) and is designated as critical habitat for Endangered Species Act ("ESA") listed Chinook salmon (Oncorhynchus tshawytscha), steelhead, and bull trout, respectively.
- 7. On June 23, 2023, I visited the site with David Graybill of the Idaho Department of Water Resources ("IDWR"), and Jeff Dilucia of IDFG.
- 8. During that visit, I observed that significant excavation and grubbing activities had been performed to establish a new channel for Panther Creek. This work disconnected large segments of the original channel, resulting in dewatering and stranding of fish in the few remaining pools of water.
- 9. It was determined that Mr. Laurent Comte owned the property and had conducted the excavation and grubbing.
- 10. On July 11, 2023, I visited the site with Chad Fealko of National Marine Fisheries Service ("NMFS"), representatives from IDWR, IDFG, USFS, the Idaho Governor's Office of Species Conservation ("OSC"), and Mr. Comte.
- 11. Mr. Comte's excavation and grubbing activities resulted in the realignment of approximately 4800 feet of Panther Creek, the obliteration and severance of crucial

riparian and wetland habitats, the release of extensive amount of sediment, and the dewatering of critical ESA-listed fish habitat and entrainment of ESA-listed fish species.

- 12. Further results of Mr. Comte's activities were the direct take of ESA-listed fish species via the act of dewatering the occupied critical fish habitat, the mortality of one documented steelhead/rainbow trout specimen, and the harassment of at least three verified bull trout.
- 13. Negative effects from Mr. Comte's actions were documented beyond the impact area. The sediment plume generated from the illegal excavation activities flowed downstream resulting in significant water quality degradation. Turbidity readings showed 18.7 Nephelometric Turbidity units ("NTU") over background, directly below the site of the infraction, and another record of 105 NTU at a site roughly 2.5 miles downstream. Turbidity directly affects juvenile salmonids in their ability to effectively feed and navigate, and in some cases, prolonged exposure can be lethal.
- 14. Severe sedimentation deposits observed at the site and the turbidity readings recorded below the site could have resulted in the asphyxiation of numerous macroinvertebrates, which are critical food sources for ESA-listed summer parr.

  These fine sediment deposits could also directly affect the embryonic life stages of ESA-listed fish still present in the spawning gravels downstream, particularly steelhead trout that likely had not emerged, by directly affecting the biological oxygen demand where fine sediment deposits suffocated the eggs and embryos.
- 15. Because of the instability of the newly excavated realigned channel and subsequent erosion and sedimentation that has been observed, eggs that will be deposited by spawning Chinook salmon beginning in mid-August will likely be

affected by this same mechanism. IDFG records confirm Chinook salmon redds approximately 5 miles below the site of the violation.

- 16. Based on IDFG's staff observations between the first and second site visit. The site is extremely unstable and will continue to lose substrate material via sluffing of banks and ongoing scouring. This will result in the net loss of material as the stream continues to move laterally and vertically until reaching a point of equilibrium.
- 17. The man-made ditch has already lost approximately half a foot of material over a relatively short 18-day (6/23-7/11) period. If the site is not stabilized soon, it will continue to lose substrate material and will require material being trucked in during the remediation process. If left unchecked, the spring flows and elevated scouring events of the destabilized substrate will have compounding effects (i.e., disconnected floodplains, perched wetlands, increase in water temperatures, obstruction to fish passage and changed hydrologic process), increasing dewatering occurrences of the disconnected Panther Creek channel, decrease or loss of aquatic habitat function and altered water table.
- 18. Because of the serious harm to the stream channel, aquatic habitat, and ESA-listed fish, representatives from IDFG, IDWR, USFS, OSC and NMFS developed a short-term remediation plan that should be implemented before winter. The plan will minimize the risk to ESA-listed fish and their associated habitat. Specifically, actions would stabilize the degraded channel segments and restore adequate flows to the Panther Creek natural stream channel to avoid prolonging the current degraded conditions and additional site destabilization, particularly when winter icing and spring high water events are expected.
  - 19. The in-water work window for Panther creek is established through the Upper

Salmon River Recommended Instream Work Windows and Fish Periodicity guidance document ("Guidance Document"), developed by the Upper Salmon Basin Watershed Project Technical Team ("Technical Team"). The Technical Team is composed of stakeholders who live in the community and agency personnel. Agencies involved with the Technical Team include IDFG, IDWR, USFS, OSC, and NMFS. A true and correct copy of the Guidance Document is attached as Exhibit 1.

20. The dates provided in the Guidance Document are not absolute and are provided for planning purposes since the dates vary annually due to water conditions and variations in fish movements. There is some potential to perform instream work after the normal work window ends due to downstream distance to known Chinook salmon spawning areas and number of beaver dams downstream of the property that should facilitate sediment retention. Additionally, Mr. Comte's excavation work presents such a significant harm if it is not stabilized before winter, that the harms in extending the in-water work window for 2023 are outweighed by the need for short-term remediation.

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I certify and declare under penalty of perjury pursuant to the law of the State of Idaho that the foregoing is true and correct.

DATED this \_/y\*\* day of August 2023.

Regional Technical Assistance Manager

Idaho Fish & Game

State	of	Idaho

County of Lemhi

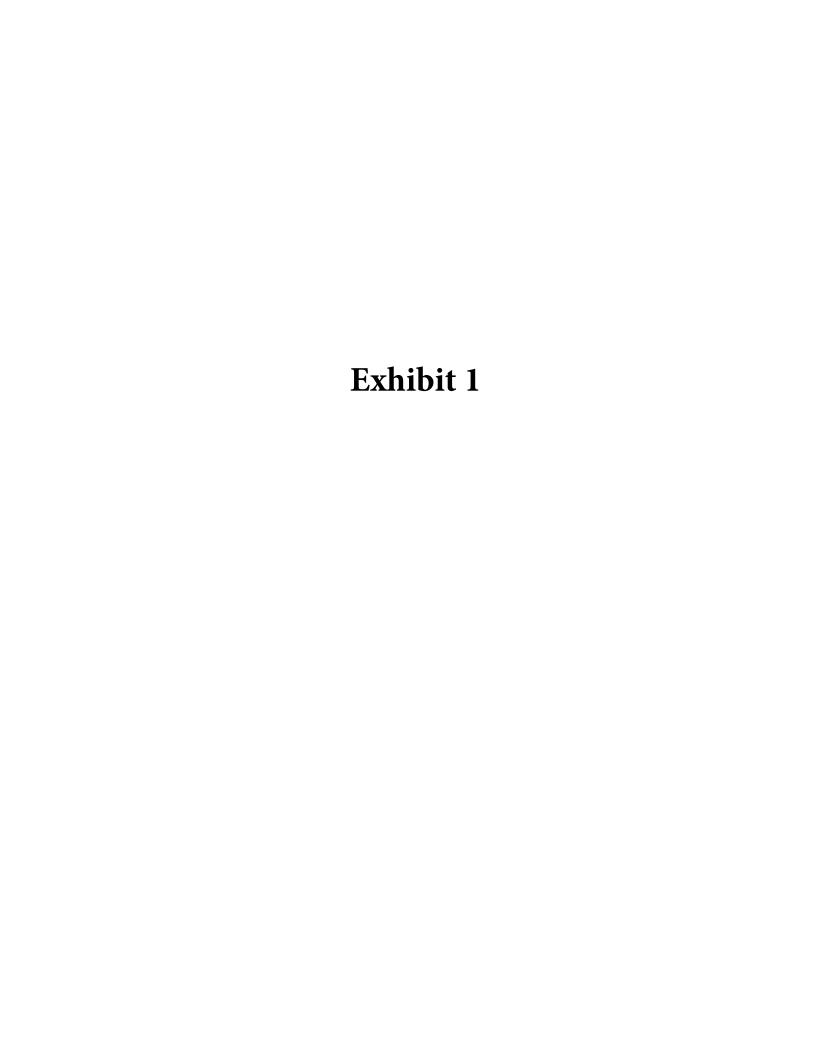
This instrument was signed or acknowledged before me on August 14, 2023

NOTARY PUBLIC - STATE OF IDAHO COMMISSION NUMBER 20181200 MY COMMISSION EXPIRES 7-2-2024

Notary Signature

Printed Name Centille A Behr

Commission expires: 07-02-2024



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# UPPER SALMON RIVER RECOMMENDED INSTREAM WORK WINDOWS AND FISH PERIODICITY

For River Reaches and Tributaries
Above the Middle Fork Salmon River
Including the Middle Fork Salmon River Drainage

Prepared by the

Upper Salmon Basin Watershed Project Technical Team

**June 2004** 

Revised September 2, 2004

Revised October 14, 2004

Revised November 30, 2005

#### This version supersedes all previous versions

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#### **General Guidance**

This document is intended to provide general guidance for timing of instream projects involving the use of machinery, and the primary purpose is to protect incubating eggs, fry in the gravels, and spawning adults. These projects include, but are not limited to, diversion work, installation and removal of coffer dams, bank stabilization, bridge and culvert repair or replacement, pond creation, some screens or headgates, installation of weirs or other habitat restoration structures, or any other project that requires disturbance of any portion of the stream or active floodplain. This document is not intended to provide guidance for projects or disturbances not involving the use of machinery, which may include, but are not limited to, jack fence construction or maintenance, hand planting of vegetation, livestock grazing, or control of noxious weeds.

The guidance provided in this document is for initial planning purposes only, and these dates are not absolute. If work occurs within the preferred work window, no impacts to incubating salmonids are expected. However, the dates will vary annually due to water conditions and normal variations in fish movements. Also, the project specifics and location will affect the actual timing that the project may proceed with minimal effects. Because of the great amount of variability between and within watersheds concerning fish species and life stage presence, individual project effects must be considered case-by-case through the consultation process. Sockeye salmon are not specifically included in this document because their migration through the main Salmon River roughly coincides with that of chinook salmon. In general, sockeye incubation will not be affected by instream work.

#### **All Projects**:

All projects will have a qualified fisheries biologist<sup>1</sup> review the project vicinity for redds and spawning adults prior to the initiation of construction activities to ensure that no redds exist in the project area. This review will occur regardless of the proposed timing of the project and should occur at a time when species of concern are expected to be present. For example, if a project is scheduled to occur in April in an area where Chinook might spawn, the survey should occur in September of the previous year. The presence of redds in the immediate project vicinity will necessitate the postponing of the project until fry have emerged from the gravel.

The best available data gathered by any State, Tribal, or Federal agency will be reviewed prior to construction to ensure that the fisheries resource or habitat will not be negatively affected by construction.

For the vast majority of projects, the channel will not be completely obstructed during construction. An exception may be for the installation of a culvert or similar project where obstruction is only expected to last a very short period of time (a few hours). This will be reviewed on a case-by-case basis through the ESA §7 consultation process. For all other

November 30, 2005

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<sup>&</sup>lt;sup>1</sup> For the purpose of this document, a "qualified fisheries biologist" is an individual with a relevant natural resources degree (fisheries, wildlife, hydrology, limnology, etc.) in addition to field work experience in fisheries in the Upper Salmon River Subbasin.

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projects, provisions for fish passage must be in place at all times. These provisions will be appropriate for the species and life stages normally found in the project area during the construction period, and will be evaluated through the ESA §7 consultation process. Guidelines can be found at

http://www.nwr.noaa.gov/1hydrop/hydroweb/docs/Passagecriteria.extrevdraft.pdf

Appropriate Best Management Practices (BMPs) will be in place at all times during and after construction. Appropriate BMPs may include, but are not limited to, use of silt fences, straw bales, coir logs, timing of disturbance, or other methods to minimize negative effects of a project.

#### **How To Use The Fish Periodicity Tables**

The fish periodicity tables were developed by professional biologists familiar with fish distribution and life cycles in the Upper Salmon River Subbasin. They reflect the general timing of spawning, incubation, fry presence, juvenile presence, and adult presence. For anadromous species, the tables also show times of migration. The tables break each month into quarters, roughly coinciding with weeks. Fish presence is shown by colored blocks in each quarter. The preferred instream work window is outlined by bold black lines. In most cases, the preferred instream work window is inside the black lines, but in a few instances, the black lines enclose the time when instream work should not occur. In these instances, arrows near the top of the black lines point outside the lines.

In many cases, the preferred work window may affect incubating resident fish, especially cutthroat trout. A qualified fisheries biologist will evaluate the individual project and assess the potential impacts to resident fish.

If a tributary is not specifically listed, the work window will be the same as the river reach that includes it. For example, Carmen Creek (north of Salmon), will have the same work window as the reach "Main Salmon River from Horse Creek to the Pahsimeroi River."

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#### **Recommended Work Windows**

The abbreviation "q" will be used in the following summary of work windows to indicate "quarter." For example, "q2" will be used for "quarter 2." Quarters roughly coincide with weeks.

River Reach or Tributary	Preferred Work Window
Main Salmon River tributaries - Middle Fork to North Fork, including the Middle Fork from mouth to Camas Creek	July q2 - August q2
Camas Creek	July q3
Panther Creek	July q3 – August q2
North Fork Salmon River	July q2 – August q2
Main Salmon River - Horse Creek to the Pahsimeroi River	July q2 – March q2
Main Salmon River Tributaries-Horse Cr. to Pahsimeroi R.	July q1 – August q2
Lemhi River – Mouth to Agency Creek	July q2 – March q2
Lemhi River – Agency Creek to Hayden Creek	July q2 – August q3
Hayden Creek (Lemhi River drainage)	July q1 – August q2
Lemhi River – Hayden Creek to Leadore	July q1 – August q3
Big Springs Creek (Lemhi River drainage)	July q1 – August q4
Main Salmon River - Pahsimeroi River to Valley Creek	July q2 – August q3
Main Salmon River Tributaries - Pahsimeroi R. to Valley Cr.	July q2 – August q2
Pahsimeroi River – mouth to Hooper Lane	July q1 – August q3
Big Springs Creek (Pahsimeroi River drainage)	July q2 – August q3
Pahsimeroi River- Hooper Lane to headwaters	August q1 – March q3
Challis Creek (mouth to public land boundary)	July q2 – March q2
East Fork Salmon River – Mouth to Herd Creek	July q2 – August q3
Herd Creek (East Fork Salmon River drainage)	July q2 – August q2
East Fork Salmon River – Herd Creek to Germania Creek	July q2 – August q2
East Fork Salmon River – Germania Creek to Headwaters	July q2 – July q3
Yankee Fork River	July q2 – August q2
Main Salmon River - Valley Creek to Headwaters	July q2 – August q2
Valley Creek – including the upper Middle Fork Salmon	July q2 – August q2
River from Camas Creek to the headwaters	

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Main Salmon River Tributaries – Middle Fork to North Fork including the Middle Fork from the mouth to Camas Creek

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#### **Camas Creek**

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#### **Panther Creek**

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#### **North Fork Salmon River**

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#### Main Stem Salmon River - Horse Creek to the Pahsimeroi River

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#### Main Stem Salmon River Tributaries - Horse Creek to the Pahsimeroi River

Species/Life Stage	JA	N		FI	EB		MA	AR			A	PR			M	ΙΑΥ		J	UN			JU	JL			AU	G		S	SEP			0	СТ			NO	V			DEC	C
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### Lemhi River - Mouth to Agency Creek

Species/Life Stage	JA	N			FE	В		N	<b>IAR</b>		AP	R	M	ΙΑΥ		JU	N			JUL		AU	G		SE	CP CP	(	ОСТ		NOV	7		DE	C
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### Lemhi River from Agency Creek to Hayden Creek

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### **Hayden Creek**

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### **Lemhi River - Hayden Creek to Leadore**

Species/Life Stage	JAN		FE	В		1	MAR	2		Al	PR		MA	Y		J	UN		JUI	,		AUC	j		SE	P		00	СТ		N	ov		I	DEC
CUTTHROAT TROUT																																			
CT Spawning																																			
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BULL TROUT				Ī														Ī																	
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STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																			
SH Passage																																			
SH Spawning																																			
SH Incubation																																			
SH Fry																																			
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SH Out migration																										T									П

### Big Springs Creek (Lemhi River drainage)

Species/Life Stage	JAN		FE	В		N	MAR		AF	PR		MA	Y	J	UN		JUL		AUG	;	SE	P	00	СТ	N	ov	I	DEC	
CUTTHROAT TROUT																													
CT Spawning																													
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CT Adult																													l
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SPRING CHINOOK SALMON																													
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CK Fry					Т																								
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CK Out migration					П																								
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																													
SH Passage					T																								!
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SH Fry																													
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SH Out migration					П	T	T					T	Т	П			T			П				Ī			П	Г	

### Main Salmon River - Pahsimeroi River to Valley Creek

Species/Life Stage		JAI	N			FE	R			MAI	?		Δ	PR			М	AY			JUI	Ŋ		TI	UL			AU	C		S	EP			OC.	г		N	ov			DE	7
CUTTHROAT TROUT		JAI	· \		-	1	1		ı	I	·		1	1	1		111	1		ı	1	1		•	l		ı	1			I				1	ı		1	I			1	
CT Spawning	$\dashv$			_				-		+					╁	1	+			+							-			-	+									_			
CT Incubation	$\dashv$	+	1	_		_		┪	+	+	+	_	+	╁	╁	╫	1			$\dashv$	+	+	_	H			_		╅	┪	╫			1	+	+	_	+		$\vdash$	+	+	-
CT Fry								┪								┰				1									T														
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SH Out migration																																											
SOCKEYE SALMON																																											
SK Passage																																											
SK Out migration																																											

### Main Salmon River Tributaries - Pahsimeroi River to Valley Creek

Species/Life Stage	J	IAN		FF	EB			MA	R			AP	R			MA	Y			JUN	1		J	UL		ΑU	JG			SEP	•		0	CT			NO	V		I	DEC	
CUTTHROAT TROUT		T	I								T	Т	T			T	Т			Т	П		T		I				П		Т		Τ	Π						Τ	T	
CT Spawning																_		_	L	_	]																					
CT Incubation																	-																									
CT Fry																							L						Ц		4			Ш								
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BULL TROUT																																										
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STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																										
SH Passage																																										
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SH Incubation		T					1	1	Т								П						Ī						1	T	1		1					İ				
SH Fry							1														T																				T	
SH Juvenile				_						_		_		_		_		_		_								_						l	_							
SH Out migration																							T																			

#### **Pahsimeroi River - Mouth to Hooper Lane**

Species/Life Stage	JAN			FE	В		M	AR		APR	1		MA	Y		J	UN		JUL		AUG		SEP		ост	1		NOV	V		DE	C
CUTTHROAT TROUT						T																										
CT Spawning																																
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BULL TROUT						I																										
BT Spawning																																
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SPRING CHINOOK SALMON						T																										
CK Passage																																
CK Spawning																				П		П										
CK Incubation						T																П										
CK Fry				П		T									T																	
CK Juvenile		П	П	П		Т			T								П															
CK Out migration					T	T			T	T		Г		T	T	T		T					T	T			П	T	T	П		
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																
SH Passage																																
SH Spawning																																
SH Incubation																																
SH Fry																																$\top$
SH Juvenile																																
SH Out migration									T																							

### Big Springs Creek (Pahsimeroi River drainage)

Species/Life Stage	JAN			FEE	3		MA	AR.		A	PR		MA	Y		Л	JN	J	UL	A	UG	S	EP		O	OCT		N	IOV		DEC	
CUTTHROAT TROUT																																П
CT Spawning																																П
CT Incubation																																П
CT Fry																																П
CT Juvenile																																
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BULL TROUT			Ī																													
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SPRING CHINOOK SALMON																					Ì											
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CK Spawning																																
CK Incubation																																
CK Fry		П																			П											
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CK Out migration			П			Т			Т						Т									T			П					
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																
SH Passage																																
SH Spawning									$\top$																							
SH Incubation																																
SH Fry																																
SH Juvenile																																
SH Out migration																																

### **Pahsimeroi River- Hooper Lane to Headwaters**

Species/Life Stage	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CUTTHROAT TROUT												
CT Spawning	+								•			
CT Incubation												
CT Fry												
CT Juvenile												
CT Adult				_		_ ] ] ] _					_ ] [	. L . L
BULL TROUT												
BT Spawning												
BT Incubation												
BT Rearing												
BT Adult				_								
SPRING CHINOOK SALMON												
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CK Spawning												
CK Incubation												
CK Fry												
CK Juvenile												
CK Out migration				_	1 -	. J J .					_	. L . L
STEELHEAD / REDBAND TROUT / RAINBOW TROUT												
SH Passage				_								
SH Spawning				_		_						
SH Incubation				_								
SH Fry									L			
SH Juvenile												
SH Out migration												. L . L

#### **Challis Creek – Mouth to Public Land**

Species/Life Stage	JAN			FI	EB		I	MAF	2		A	PR			MA	Y			JUN			Л	JL		A	AUG			SEI		00	СТ		N	OV			DE	C
CUTTHROAT TROUT																																							
CT Spawning		•					+															-						<b>→</b>											
CT Incubation																																							
CT Fry																																							
CT Juvenile						П																																	
CT Adult	 		J			J				-	J	-	-	-	-	J	_	-	J .	_	-	-	-	-			L	L	-	 -	-	-	-	_ ]	L	-	-	L	-
BULL TROUT																																					П		T
BT Spawning																																							
BT Incubation																																							
BT Rearing																																							
BT Adult	 	J	J	J		J			-	-	J	-	-	-	-	J	J	-	J .	_	-	-	-	-			L	L	-	 -	-	-	-	. ]	L	-	-	L	-
SPRING CHINOOK SALMON																																							
CK Passage																		-		_	-	-	-	-	-														Т
CK Spawning																	T																						T
CK Incubation																																							T
CK Fry																																							T
CK Juvenile	 _		J		-	J																																	
CK Out migration	 -	-	J			I	-	-	-	-	J	-	-	-	-	I		-			-	-	-	-			П	Ţ	-	 -	-	-	-		Ţ	Γ	T	L	T
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																							
SH Passage					-	J		-   -		-		-	-	-	-	J																							
SH Spawning									-	-	J	-	-	-	-			-				ĺ			Ţ											П	$\sqcap$		T
SH Incubation										-	J	-	-	-	-	J	_	-		_	-																		1
SH Fry																		-			-		-	-	-			L	-	 	-	-	-						7
SH Juvenile																																							
SH Out migration						J																									-					Г		L	T

#### East Fork Salmon River - Mouth to Herd Creek

Species/Life Stage	JAN		FI	EB		]	MAF	<b>?</b>		Al	PR		MA	Y		J	UN			JUL	,		AUC	j	SE	P		00	СТ	N	ov		I	DEC
CUTTHROAT TROUT																																		
CT Spawning																																П		
CT Incubation																																		
CT Fry																																		
CT Juvenile																																		
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BULL TROUT																																		
BT Spawning																																		
BT Incubation																																		
BT Rearing					П																						Т							
BT Adult		Г			П				Г																		Т							
SPRING CHINOOK SALMON																																		
CK Passage																																П		
CK Spawning																								I										
CK Incubation					П																				П	Т								
CK Fry		Т			П				Г																				П					
CK Juvenile		Т			П										Т	Т																		
CK Out migration	T	Т		П	П	T	T	T	Г	П		T		T	Т	П	П	T	T	T	Т	Т		T		T	Т							
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																		
SH Passage																																		
SH Spawning																																		
SH Incubation																																		
SH Fry																																		
SH Juvenile					П																T													
SH Out migration																																		

### **Herd Creek (East Fork drainage)**

Species/Life Stage	JAN		FF	В		1	MAR		AI	PR		MA	Y		J	UN		JUI	,	ΑU	JG		S	EP		C	ОСТ		1	NOV			DEC	,
CUTTHROAT TROUT																															Π			T
CT Spawning																																		T
CT Incubation																																		
CT Fry																																		
CT Juvenile																																		
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BULL TROUT											Ī	Ī																						T
BT Spawning																																		
BT Incubation									_															П		T								
BT Rearing																									Т			П						
BT Adult					T				_																			П						
SPRING CHINOOK SALMON											Ī	Ī			Ī						Ī													T
CK Passage																																		T
CK Spawning																																		Ī
CK Incubation									_															П										
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CK Juvenile																																		
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STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																		
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SH Fry																																		
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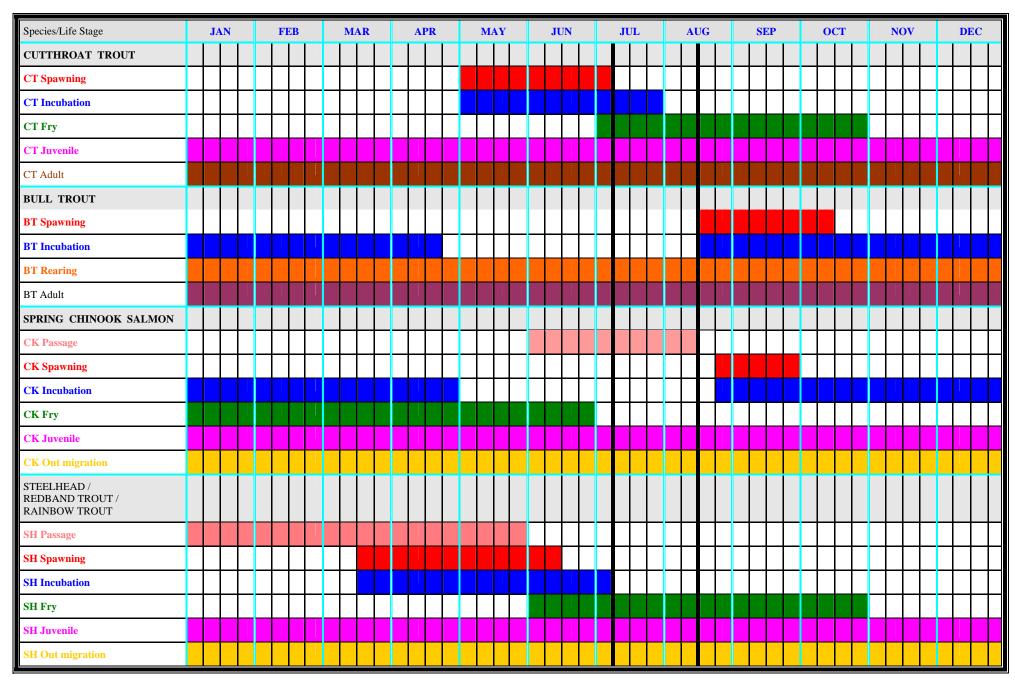
#### East Fork Salmon River - Herd Creek to Germania Creek

Species/Life Stage	JAN			FE	В		N	<b>IAR</b>		.	APR	2		MA	Y		J	UN		JUL		AUG	1	SEP	)		OCT	ſ		NO	V		DE	C
CUTTHROAT TROUT																						I												
CT Spawning																																		
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SPRING CHINOOK SALMON						T																												
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CK Spawning																						T												
CK Incubation						T																										П		
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CK Out migration	T	Т	Г		T	T	T		П		T	T	П		T	Ī		П	T	T	Г	T	Т	T		П	T		П	T		П	П	
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																		
SH Passage						T																												
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SH Juvenile						1																												
SH Out migration	Ī				T	T					T								Ī			T	П	T			T			T		П		

#### East Fork Salmon River from Germania Creek to Headwaters

Species/Life Stage	JAN		FE	В		N	IAR		API	2		M	AY	,	JUN		JUI		AU	G		SE	P	0	СТ	N	OV	I	DEC	
CUTTHROAT TROUT																													T	
CT Spawning																														$\prod$
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CT Fry																														
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BULL TROUT																														
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SPRING CHINOOK SALMON					T																									T
CK Passage																														T
CK Spawning																														
CK Incubation					1														П		T	П								
CK Fry					T				Τ																					
CK Juvenile					1																									
CK Out migration					П			П	T		П										Т									Т
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																														
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SH Spawning																														
SH Incubation																														
SH Fry																														
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#### Yankee Fork River



### **Main Salmon River - Valley Creek to Headwaters**

Species/Life Stage	JAN		JAN			В		MAR		APR		MAY			JUN			JUL			AUG			SEP			POCT			NOV			DEC		
CUTTHROAT TROUT		I						I				T	1 1			I					T									T	1				
CT Spawning						T				T									1			T			1		T								Г
CT Incubation																																			
CT Fry																		4				L		Ц		ш									L
CT Juvenile					_	_	-			ш		+	ш			ш	Ш	4			_	Н		_	_	ш	_	-	Н	_					Ш
CT Adult								+					Н	_						Н			Н				+								#
BULL TROUT																																			
BT Spawning																	Ш									ш									L
BT Incubation																																			
BT Rearing										Ш			Ш			Ш								Н											
BT Adult																																			
SPRING CHINOOK SALMON																																			
CK Passage																																			
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CK Juvenile		_		_		-	-						П																						
CK Out migration																																			
STEELHEAD / REDBAND TROUT / RAINBOW TROUT																																			
SH Passage																																			
SH Spawning																																			
SH Incubation													Ш	Ц																					
SH Fry																																			
SH Juvenile		_		_		_		-	-		-	 -					-	-		-		_			-	-			-			-			
SH Out migration																																			
SOCKEYE SALMON																																			
SK Passage																																			
SK Out migration													П	I																					

### Valley Creek – including upper Middle Fork Salmon River from Camas Creek to headwaters

Species/Life Stage		JAN			F	EB		MAI	R		A	PR		MA	Y		IUN		JU	L	A	UG		SEP	OCT			NOV			DE	C
CUTTHROAT TROUT																																
CT Spawning																																
CT Fry																																
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