

Attachment 17

2009 FISH SURVEY REPORT

**DRIFT CREEK DAM PROJECT,
MARION COUNTY, OREGON**



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1.0 INTRODUCTION

Three fish surveys have been conducted over four years to collect data on fish populations within various reaches of Drift Creek and its tributaries. The area of interest includes those portions of Drift Creek that could potentially be affected by East Valley Water District's proposed dam and reservoir. Particular attention was focused on migratory native fishes including federally listed Upper Willamette River Steelhead Trout (threatened) and Upper Willamette River Chinook Salmon (threatened). Fish sampling for the Drift Creek Dam Project began in June of 2005 and included three sites within the proposed reservoir footprint. In April 2006 the same three sites were sampled and four additional sites above and below the reservoir footprint were also sampled, including one each in the West and East forks of Drift Creek. Results of these efforts have been presented in previous reports and are summarized herein.

In December 2009, additional fish sampling was conducted at 11 sites in Drift Creek and its tributaries to further document fish use of the study area. Previously sampled sites were revisited where conditions and landowner permissions allowed, and several new sites in the lower and upper reaches of the study area were added to provide broader coverage. This report presents results of the 2009 electrofishing survey and provides an overview of the fish populations within the various reaches of the study area based on all three fish surveys. In addition, factors that appear to be limiting the productivity of Drift Creek for native cold water fish species and its use by federally listed anadromous salmonids are discussed.

2.0 METHODS

Thirteen sampling sites were established over three years at the locations shown on Figure 1. Rather than renumber the sites from the earlier reports, the sites added in 2009 were given the fractional site numbers included on Figure 1. The sampling sites were selected to be representative of habitat conditions present upstream, within, and downstream of the proposed reservoir footprint. Fish sampling was limited to stream reaches where landowner permission was granted and site conditions permitted electrofishing. Location, landowner information and years surveyed for each site are provided in Table 1.

At each sampling site, a representative reach of stream was established that included the variety of habitats (e.g., pools, riffles, runs) typical of that stream section. Each survey reach was approximately 20 stream widths in length; typically 400 to 500 feet. Somewhat shorter reaches were sampled in parts of the reservoir footprint due to deep water that prevented access for backpack electrofishing. A global positioning system (GPS) was used to establish coordinates for the upstream and downstream ends of the sampling reaches.

Fish sampling at each sampling site was conducted with a Smith-Root Model 12 backpack electrofisher. Fish were netted, placed in a bucket of clean aerated water, identified, measured (fork length) to the nearest millimeter, and released back to the stream. The fish data were recorded on standard data sheets and later transferred to computer spreadsheets. All sampling was done under valid Oregon Department of Fish and Wildlife (ODFW) scientific taking permits.

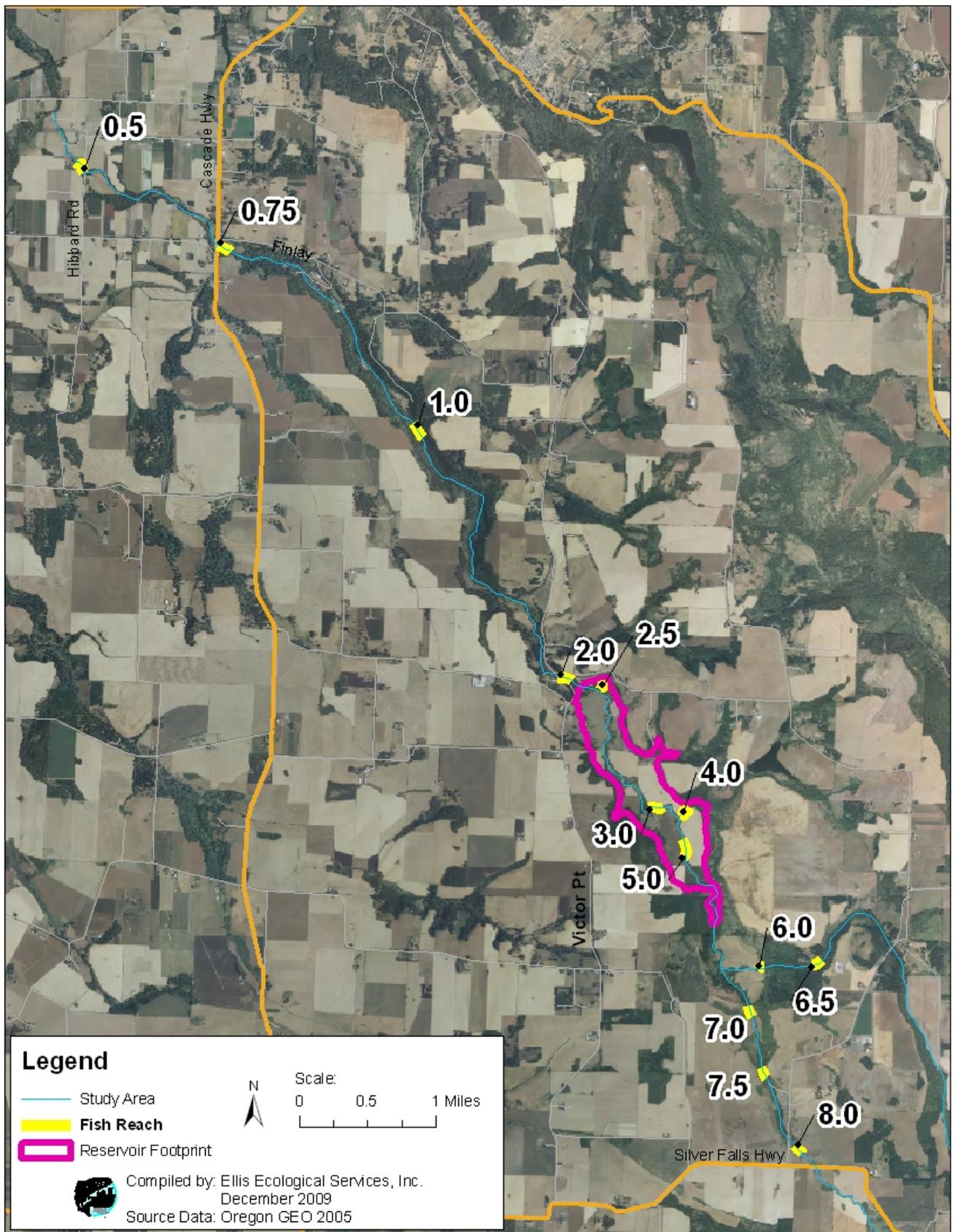


Figure 1. Location of fish sampling sites.

Table 1. General information on location and habitat conditions and ownership of each reach of stream sampled.

ID	Location	Beginning River Mile	Years Surveyed	Bankfull width (ft)	Lot number	Owner
R 0.5	Drift Creek at Hibbard Road Crossing	Drift Creek RM 0.4	2009	30	71W08 01500, 71W08 00400	D. Kaufman, and M. & S. Kaufman
R0.75	Drift Creek at Cascade Highway	Drift Creek RM 1.8	2009	30	71 W16 00200	S. Preece
R1	Drift Creek midway between Cascade Hwy and Victor Pointe Rd.	Drift Creek RM 3.9	2005 2006 2009	25	71W14 01200	S. Klopfenstein
R2	Drift Creek at Victor Pointe Rd (dam site)	Drift Creek RM 6.3	2005 2006 2009	25	71W36 00600	R. Qualey
R2.5	Drift Creek within the reservoir	Drift Creek RM 6.9	2009	25	71W36 00400	N. Dominick
R3	Drift Creek within the reservoir	Drift Creek RM 7.8	2005 2006 2009	25	81E06 00400, 81E06 00500	D. Fennimore, and F. Fox
R4	Fox Creek at confluence with Drift Creek	Drift Creek RM 8.1	2005 2006 2009	5	81E06 00400	F. Fox
R5	Drift Creek within the reservoir	Drift Creek RM 8.3	2005 2006 2009	20	81E06 00400, 81E06 00700	F. Fox
R6.0	East Fork below Drift Creek Rd	East Fork Drift Creek RM 0.29	2006	19	81E07 00700	M. Fischer
R6.5	East Fork below Drift Creek Rd	East Fork Drift Creek RM 0.6	2009	25	81E05 00500, 81E08 00700	Doerfler Family and L.& J. Gardner
R7.0	West Fork below Drift Creek Rd	West Fork Drift Creek RM 0.3	2006	22	81E07 00700	M. Fischer
R7.5	West Fork below Drift Creek Rd	West Fork Drift Creek RM 0.7	2009	20	81E08 01500	A. Patrick
R8	West Fork Drift Creek at Silver Falls Hwy	West Fork Drift Creek RM 1.4	2009	20	81E17 00400	L. Wieble and D. Hammer

3.0 RESULTS

Fish sampling was conducted December 1st through 3rd and December 14, 2009. As recommended by the ODFW District Biologist (Alsbery pers com. 2009), sampling followed fall freshets, allowing any fall migrating anadromous fish the opportunity to ascend the creek and resident fishes to redistribute from summer low flow conditions. No federally listed fish species (steelhead trout or spring chinook) were found during the surveys. Cutthroat trout (*Oncorhynchus clarki*) were the only salmonid species collected in the study area in 2009. They ranged in size from 80 mm to 135 mm. No coho salmon (*Oncorhynchus kisutch*) were collected, though landowners reported observing spawning adults within Fox Creek in late November. Other fish captured during surveys included lamprey ammocoetes (*Lampetra* spp.), redbside shiner (*Richardsonius balteatus*), speckled dace (*Rhinichthys osculus*), northern pikeminnow (*Ptychocheilus oregonensis*), reticulate sculpin (*Cottus perplexus*), largescale sucker (*Catostomus macrocheilus*), yellow bullhead (*Ictalurus natalis*) and largemouth bass (*Micropterus salmoides*). Table 2 provides information on habitat types surveyed, species captured and number of individual salmonids collected at each site for all three survey years. Appendix A provides a complete list of fish collected during all sampling efforts, as well as any pertinent comments. A photo log of sampling sites is presented in Appendix B.

4.0 DISCUSSION

The combined results of the 2005, 2006 and 2009 fish surveys in Drift Creek are generally consistent with sampling results reported by others for the mainstem Pudding and other tributaries to the Pudding River (Runyon et al. 2006). Lower Drift Creek (below RM 4) had higher species diversity and generally higher catch rates than the middle and upper reaches of the creek. The fish assemblage in the lower reach of Drift Creek was dominated by speckled dace, redbside shiner and reticulate sculpin, with northern pikeminnow, lamprey ammocoetes and largescale sucker present in smaller numbers. No salmonids were found in the lower reach of the creek. The moderately abundant reticulate sculpin is tolerant to water temperatures and agricultural impacts above those considered suitable for coldwater fish species (Wentz 1995). Redside shiner are also typically found in stream reaches that are transitioning from cold to warm water conditions (Colvin et al, 2009). The only two non-native warm water species (largemouth bass and yellow bullhead) were collected at Reach 0.5, the most downstream sampling location (located at RM 0.4).

Native cutthroat trout were found in low to moderate abundance in the mid and upper reaches of Drift Creek. These reaches also contained lamprey ammocoetes, redbside shiner, speckled dace and reticulate sculpin. Juvenile largescale sucker also were found in the slow moving water within the proposed reservoir footprint. A few juvenile coho salmon (five) were collected in lower Fox Creek and in mainstem Drift Creek within the reservoir footprint in 2006. Adult coho were observed spawning in lower Fox Creek in November 2009 by landowners. Any juveniles produced by this spawning would not have emerged by early to mid December when the sampling was conducted. It should be noted that the 2009 run of coho to the Columbia and Willamette River basins was one of the largest runs in recent history.

A few spring chinook are known to spawn in Butte, Abiqua and Silver Falls Creeks with some juvenile rearing occurring in the mainstem Pudding River during the winter months, but the native spring chinook salmon population throughout the Molalla/Pudding River watershed has

probably been extirpated or is close to reaching levels that are not self-sustaining (WRI 2004). According to the Pudding River Watershed Association's watershed assessment for the Pudding River and its tributaries (Runyon et al. 2006), there have been scattered historical reports of steelhead and salmon in Drift Creek, but ODFW District Fish Biologist, Wayne Hunt, noted that there have been no recent observations of steelhead or chinook spawning in Drift Creek (*ibid*). Neither Chinook or steelhead/rainbow trout were present in Drift Creek during sampling in 2005, 2006, and 2009.

Generally, steelhead spend two years rearing in their natal streams in the Pudding River watershed (Weavers et al. 1992). Since no steelhead were collected during 2005, 2006, and 2009 sampling efforts and no observations of steelhead spawning has been reported, it is reasonable to assume that steelhead have not used Drift Creek for spawning or rearing in the five-year period from 2004 through 2009. StreamNet (<http://www.streamnet.org/>) fish distribution maps for anadromous salmonids show only coho salmon as being present within Drift Creek. National Marine Fisheries Service (NMFS) did not include Drift Creek in its updating of Steelhead critical habitat for the Pudding River watershed, while the mainstem Pudding River, Little Pudding River, Abiqua Creek and Silver Falls Creek were included.

Habitat surveys conducted during the present study found Drift Creek, from its confluence with the Pudding River to the Hibbard Road crossing (RM 0.4) to be slow moving with predominately clay hardpan substrate. The deeply incised channel in this reach receives little riparian shade. Maximum water temperatures during the summer are near lethal levels for salmonids, regularly exceeding 79 ° F. Temperature data collected at this location in 2006 by Ellis Ecological Services, Inc (EES) found seven-day average maximum temperatures exceeded Oregon Department of Environmental Quality's (DEQ's) 18° C criteria for functioning salmonid rearing and migration habitat from June 25th through September 6th. Use of this area for rearing by salmonids, if any, is likely limited to late fall through early spring when water temperatures are within a suitable range.

The only potential spawning gravel for salmonids between the dam site and the mouth of Drift Creek is a short reach (approximately 275 ft) of gravel and cobble just downstream of the Hibbard Road crossing. This location marks a transition in gradient between the six miles of more steeply sloping upstream habitat and the low gradient clay hardpan channel near the mouth. The upstream habitat has significant bolder, bedrock and large cobble substrate and is dominated by riffles, runs, and cascades. It is unlikely that this transition area would be suitable for steelhead spawning and incubation since embryo incubation and in-gravel residence of alevins would extend into late spring and early summer when water temperatures would substantially exceed 13° C; is the upper temperature limit for spawning and incubation.

The approximately six-mile reach between Hibbard Road (RM 0.4) and the dam site (RM 6.3) contains very little pool habitat and little large woody debris. Also, there is very little off-channel habitat to provide refuge for juvenile salmonids during high flow conditions. DEQ temperature data recorded at RM 2.4 in 2000 and 2001 found average seven-day maximum temperatures exceeded 18° C for 72 and 67 days, respectively during summer months. Temperature data collected at Victor Point Rd (RM 6.3) in 2004 and 2005 by DEQ and in 2006 by DEQ and EES found seven-day average maximum temperatures did not drop below 18° C until early September. No suitable spawning habitat was observed between Hibbard Road and the dam site. Overall, lack of habitat diversity, adequate refugia and unsuitable summer water

Table 2. Drift Creek fish survey summary listing species in descending order of abundance.

	Reach	Substrate	April 2005			June 2006			December 2009		
			Habitat	Species	Catch	Habitat	Species	Catch	Habitat	Species	Catch
Downstream of the Footprint	R0.5	pockets of gravel, clay hardpan and grass							riffle	RS, SCP, DA, NP, LSS, YBH, LMB	33
	R0.75	bedrock/ boulder							riffle	DA, SCP, RS, LSS, NP	72
	R1	bedrock/ boulder				riffle/run	DA, SCP <i>sp.</i> , RS, CT (2)	62	riffle	DA, RS, SCP	54
	R2	bedrock/ boulder				riffle/run/pool	RS, SCP <i>sp.</i> , CT (11), DA <i>sp.</i>	60	riffle	SCP, RS, DA, CT(1)	18
Within the Footprint	R2.5	silt							run/pool	RS, LSS, SCP, DA, AM	38
	R3	silt and bedrock bottom	run/pool	RS, SCP, DA <i>sp.</i>	27	run/pool	RS, NP, DA <i>sp.</i> , AM, CT (1)	82	riffle/run	SCP, DA	1
	R4	silt, grass	riffle/run/pool	SCP, CT (3), RS, DA <i>sp.</i>	14	riffle/run/pool	CT (20), CO (3), RS, DA <i>sp.</i> , NP	55	riffle/run	SCP, CT(2), AM	7
	R5	gravel, silt	riffle/run/pool	RS, SCP, DA <i>sp.</i> , AM	37	riffle/run/pool	RS, DA <i>sp.</i> , NP, CO (2)	33	riffle/run	RS, SCP, DA, CT (1)	34
Upstream of the Footprint	R6	bedrock/ boulder				riffle/run/pool	SCP <i>sp.</i> , CT (18), RS, DA <i>sp.</i> , NP	59			
	R6.5	bedrock/ boulder steps							riffle	SCP, CT(2)	16
	R7	bedrock/ boulder				riffle/run/pool	SCP <i>sp.</i> , CT(8), RS, DA <i>sp.</i> , NP	70			
	R7.5	bedrock/ boulder steps							riffle	SCP, CT(1)	3
	R8	bedrock/ boulder steps							riffle	SCP	9

Species key: CT=Cutthroat Trout, CO= Coho Salmon, SCP=Sculpin *sp.*, DA= Dace, *sp.*, sDA=Speckled Dace, RS=Redside Shiner, NP= Northern Pikeminnow, AM=Ammocoete, YBH= Yellow Bullhead, LMB=Large Mouth Bassmber in parenthesis represents respective number of cutthroat trout or coho salmon found in each reach.

temperatures are all limiting factors likely to inhibit salmonid use of this reach. Only a few cutthroat trout were found in this reach and all were located toward the upper end of the reach.

Within the reservoir footprint, Drift Creek is primarily a slow moving, meandering stream cutting through flat agricultural land. Canopy cover is virtually absent within much of the reservoir footprint. This low gradient reach has a predominately silt substrate with occasional exposed bedrock. Reed canary grass and Himalayan blackberries are dominant components of the bank vegetation. Habitat consists of deep, unprotected pools and slow moving runs. Erosive action is evident throughout the reservoir with banks along the lower third being especially unstable. Approximately 30 feet of suitable spawning gravel was observed upstream of survey Reach 4 within Fox Creek, a small tributary to Drift Creek, and another 30 feet of gravel substrate was observed within Drift Creek mainstem at survey Reach 5 (Figure 1).

A quarter mile of more robust riparian conditions exists in the upper end of the reservoir. As Drift Creek enters a tract of land managed for timber, smaller deciduous trees and native shrubs populate the banks and shade the channel. At this point the gradient increases and the creek transitions to the cobble and bedrock riffle habitat typical of the areas upstream of the reservoir footprint. Summer temperatures recorded by EES in 2006 were slightly cooler near the upstream end of the reservoir footprint, with seven-day average maxima in excess of 18° C for 34 consecutive days beginning in late June.

Although cutthroat and coho have both been collected within the proposed reservoir footprint, abundance was low. No juvenile coho were collected or observed during the December 2009 sampling effort. Furthermore, the potential spawning area within Reach 5 on mainstem Drift Creek did not seem to have been worked by spawning coho. As noted previously, several landowners reported the occurrence of coho spawning in the gravel of Fox Creek the week prior to the 2009 survey. Use of this tributary habitat for spawning may indicate a system-wide scarcity of suitable spawning habitat.

Fish surveys upstream of the reservoir footprint indicate consistently moderate use by cutthroat trout in Drift Creek and the East and West Forks of Drift Creek. No juvenile coho were collected upstream of the footprint. Relative abundance of disturbance-tolerant species such as redbside shiner decreased (relative to the mainstem) within the East and West Fork reaches surveyed. In 2004, seven-day average maximum temperatures in the West Fork at Silver Falls Hwy exceeded rearing and migration criteria from July through mid September (DEQ 2009). No temperature data are available for East Fork Drift Creek.

Detailed habitat surveys were conducted upstream of the reservoir in 2010 and are reported under separate cover. Large falls (approximately 40 ft in height) on East Fork Drift Creek act as a complete barrier to fish migration beyond RM 1.5. Potential partial barriers to upstream migration along the West Fork include a concrete culvert under the gravel road crossing at RM 0.9 and a natural falls (4 ft) just upstream of Drift Creek Road. A natural cascade (approx. 6 ft elevation change) just upstream of Silver Falls Highway has also been documented as a potential barrier to fish migration (Collins 1960). The Streamnet data base reports the upstream extent of coho distribution within West Fork Drift Creek as RM 1.37 at the Drift Creek Road crossing (Streamnet, 2009).

Only small isolated pockets of gravel were noted within the lower reaches of both forks in 2006. During fish surveys, these reaches were observed to be moderate to high gradient with relatively intact riparian vegetation for shade and LWD recruitment potential (Appendix B). Both channels were dominated by bedrock and boulder substrate with fast moving riffle/run habitat that offers little chance for refugia against seasonal high flows. Pools were limited and poorly defined when present. No off-channel habitat was observed.

5.0 CONCLUSIONS

- No evidence was found to indicate that listed steelhead or chinook salmon are presently utilizing any portion of the study area.
- Species tolerant of moderately high summer water temperatures were dominant in the lower reach of the study area and decreased somewhat in relative abundance in the upper reaches of the study area.
- The small section of stream below the dam site that contains substrate potentially usable for spawning by steelhead trout is probably unsuitable for incubation due to high water temperatures in the latter part of the incubation period.
- Potential salmonid use of Drift Creek between the Pudding River and RM 4 would be limited to migration and seasonal rearing due to high summer water temperatures.
- Use by cutthroat trout (present above RM 4) and coho salmon (present within the footprint) is limited throughout the study area by the following factors:
 - General lack of high quality spawning substrate,
 - Summer water temperatures in exceedance of salmonid rearing and migration criteria ($>18^{\circ}\text{C}$), and
 - General lack of deep pool habitat below the dam site and in the West and East Forks.
 - General lack of cover for juveniles.
- Pacific lamprey probably occur but do not appear to be abundant within the study area.

6.0 REFERENCES

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APPENDIX A

**INDIVIDUAL FISH COLLECTION DATA FOR EACH SAMPLING EVENT FOR THE
DRIFT CREEK DAM PROJECT**

APPENDIX A

April 2005

ID	Location	Date	Species	Length (mm)	Notes
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	DA	31	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	DA	29	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	103	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	82	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	69	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	87	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	49	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	52	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	77	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	74	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	32	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	33	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	74	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	67	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	51	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	45	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	50	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	68	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	48	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	RS	49	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	45	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	55	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	50	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	51	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	51	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	44	
R3	Drift Creek Mainstem-lower reach within footprint	4/6/05	rSCP	32	
R4	Fox Creek, tributary to Drift Creek	4/6/05	CT	110	one additional obs.
R4	Fox Creek, tributary to Drift Creek	4/6/05	CT	103	
R4	Fox Creek, tributary to Drift Creek	4/6/05	DA	83	
R4	Fox Creek, tributary to Drift Creek	4/6/05	DA	63	
R4	Fox Creek, tributary to Drift Creek	4/6/05	RS	75	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	88	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	75	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	44	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	52	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	43	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	70	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	54	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	54	
R4	Fox Creek, tributary to Drift Creek	4/6/05	rSCP	41	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	DA	30	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	DA	48	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	DA	45	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	DA	49	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	LP		2 observed
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	75	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	54	

APPENDIX A

ID	Location	Date	Species	Length (mm)	Notes
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	95	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	54	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	59	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	68	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	59	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	52	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	49	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	63	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	80	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	56	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	69	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	64	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	50	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	64	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	45	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	39	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	62	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	60	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	53	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	71	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	51	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	52	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	RS	45	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	50	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	66	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	52	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	40	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	46	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	34	
R5	Drift Creek Mainstem-upper reach within footprint	4/6/05	rSCP	24	

APPENDIX A

June 2006

ID	Location	Date	Species	Length (mm)	Comments	Notes
R1	Reach 1- Lower Drift Creek	6/8/06	CT	192		
R1	Reach 1- Lower Drift Creek	6/8/06	CT	55		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	41		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	41		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	52		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	34		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	53		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	52		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	55		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	69		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	68		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	38		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	72		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	58		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	58		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	70		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	30		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	40		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	42		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	43		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	40		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	41		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	33		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	48		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	40		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	41		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	31		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	31		
R1	Reach 1- Lower Drift Creek	6/8/06	DA	32		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	68		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	38		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	74		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	73		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	28		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	55		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	79		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	30	mort	
R1	Reach 1- Lower Drift Creek	6/8/06	RS	27	mort	
R1	Reach 1- Lower Drift Creek	6/8/06	RS	70		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	32		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	32		
R1	Reach 1- Lower Drift Creek	6/8/06	RS	28		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	94		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	92		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	91		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	96		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	77		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	98		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	95		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	53		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	53		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	76		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	45		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	44		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	42		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	65		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	61		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	80		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	40		

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	40		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	45		
R1	Reach 1- Lower Drift Creek	6/8/06	SCP	42		
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	157		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	119		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	118		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	123		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	102		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	57		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	46		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	NPM	79		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	NPM	75		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	NPM	61		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	86		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	61		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	92		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	45		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	51		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	82		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	70		1st release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	183		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	59		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	78		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	76		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	78		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	85		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	58		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	60		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	48		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	45		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	34		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	25	mort	2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	63		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	76		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	74		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	48		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	50		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	60		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	50		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	47		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	30		2nd release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	59		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	49		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	CT	52		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	61		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	63		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	65		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	52		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	43		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	60		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	74		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	SCP	49		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	57		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	31		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	67		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	52		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	DA	32		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	75		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	80	mort	3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	52		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	88		3rd release

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	56		3rd release
R2	Reach 2- Drift Creek at dam site	6/8/06	RS	42		3rd release
R3	Reach 3- Drift Creek	6/29/06	CT	175		
R3	Reach 3- Drift Creek	6/29/06	DA	51		
R3	Reach 3- Drift Creek	6/29/06	DA	53		
R3	Reach 3- Drift Creek	6/29/06	LP	120		
R3	Reach 3- Drift Creek	6/29/06	LP	120		
R3	Reach 3- Drift Creek	6/29/06	NP	48		
R3	Reach 3- Drift Creek	6/29/06	NP	52		
R3	Reach 3- Drift Creek	6/29/06	NP	35	mort	
R3	Reach 3- Drift Creek	6/29/06	RS	66		
R3	Reach 3- Drift Creek	6/29/06	RS	70		
R3	Reach 3- Drift Creek	6/29/06	RS	67		
R3	Reach 3- Drift Creek	6/29/06	RS	78		
R3	Reach 3- Drift Creek	6/29/06	RS	48		
R3	Reach 3- Drift Creek	6/29/06	RS	83		
R3	Reach 3- Drift Creek	6/29/06	RS	51		
R3	Reach 3- Drift Creek	6/29/06	SCP	80		
R3	Reach 3- Drift Creek	6/29/06	SCP	60		
R3	Reach 3- Drift Creek	6/29/06	SCP	54		
R3	Reach 3- Drift Creek	6/29/06	SCP	72		
R3	Reach 3- Drift Creek	6/29/06	SCP	54		
R3	Reach 3- Drift Creek	6/29/06	SCP	58		
R3	Reach 3- Drift Creek	6/29/06	SCP	63		
R3	Reach 3- Drift Creek	6/29/06	SCP	56		
R3	Reach 3- Drift Creek	6/29/06	SCP	63		
R3	Reach 3- Drift Creek	6/29/06	SCP	65		
R3	Reach 3- Drift Creek	6/29/06	SCP	89		
R3	Reach 3- Drift Creek	6/29/06	SCP	67		
R3	Reach 3- Drift Creek	6/29/06	SCP	61		
R3	Reach 3- Drift Creek	6/29/06	SCP	52		
R3	Reach 3- Drift Creek	6/29/06	SCP	80		
R3	Reach 3- Drift Creek	6/29/06	SCP	72		
R3	Reach 3- Drift Creek	6/29/06	SCP	80		
R3	Reach 3- Drift Creek	6/29/06	SCP	50		
R3	Reach 3- Drift Creek	6/29/06	SCP	74		
R3	Reach 3- Drift Creek	6/29/06	SCP	54		
R3	Reach 3- Drift Creek	6/29/06	SCP	76		
R3	Reach 3- Drift Creek	6/29/06	SCP	62		
R3	Reach 3- Drift Creek	6/29/06	SCP	40		
R3	Reach 3- Drift Creek	6/29/06	SCP	62		
R3	Reach 3- Drift Creek	6/29/06	SCP	47		
R3	Reach 3- Drift Creek	6/29/06	SCP	47		
R3	Reach 3- Drift Creek	6/29/06	SCP	40		
R3	Reach 3- Drift Creek	6/29/06	SCP	54		
R3	Reach 3- Drift Creek	6/29/06	SCP	65		
R3	Reach 3- Drift Creek	6/29/06	SCP	48		
R3	Reach 3- Drift Creek	6/29/06	SCP	42		
R3	Reach 3- Drift Creek	6/29/06	SCP	50		
R3	Reach 3- Drift Creek	6/29/06	SCP	63		
R3	Reach 3- Drift Creek	6/29/06	SCP	62		
R3	Reach 3- Drift Creek	6/29/06	SCP	54		
R3	Reach 3- Drift Creek	6/29/06	SCP	38		
R3	Reach 3- Drift Creek	6/29/06	SCP	40		
R3	Reach 3- Drift Creek	6/29/06	SCP	52		
R3	Reach 3- Drift Creek	6/29/06	SCP	58		
R3	Reach 3- Drift Creek	6/29/06	SCP	52		
R3	Reach 3- Drift Creek	6/29/06	SCP	68		
R3	Reach 3- Drift Creek	6/29/06	SCP	62		
R3	Reach 3- Drift Creek	6/29/06	SCP	51		
R3	Reach 3- Drift Creek	6/29/06	SCP	53		

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R3	Reach 3- Drift Creek	6/29/06	SCP	61		
R3	Reach 3- Drift Creek	6/29/06	SCP	53		
R3	Reach 3- Drift Creek	6/29/06	SCP	58		
R3	Reach 3- Drift Creek	6/29/06	SCP	63		
R3	Reach 3- Drift Creek	6/29/06	SCP	52		
R3	Reach 3- Drift Creek	6/29/06	SCP	42		
R3	Reach 3- Drift Creek	6/29/06	SCP	73		
R3	Reach 3- Drift Creek	6/29/06	SCP	58		
R3	Reach 3- Drift Creek	6/29/06	SCP	62		
R3	Reach 3- Drift Creek	6/29/06	SCP	67		
R3	Reach 3- Drift Creek	6/29/06	SCP	60		
R3	Reach 3- Drift Creek	6/29/06	SCP	55		
R3	Reach 3- Drift Creek	6/29/06	SCP	68		
R3	Reach 3- Drift Creek	6/29/06	SCP	55		
R3	Reach 3- Drift Creek	6/29/06	SCP	61		
R3	Reach 3- Drift Creek	6/29/06	SCP	55		
R3	Reach 3- Drift Creek	6/29/06	SCP	42		
R3	Reach 3- Drift Creek	6/29/06	SCP	42		
R3	Reach 3- Drift Creek	6/29/06	SCP	42		
R3	Reach 3- Drift Creek	6/29/06	SCP	41		
R3	Reach 3- Drift Creek	6/29/06	SCP	61		
R3	Reach 3- Drift Creek	6/29/06	SCP	43		
R3	Reach 3- Drift Creek	6/29/06	SCP	50		
R4	Reach 4- Drift Creek Tributary	6/29/06	CO	81		
R4	Reach 4- Drift Creek Tributary	6/29/06	CO	72		
R4	Reach 4- Drift Creek Tributary	6/29/06	CO	66	mort	
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	72		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	215		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	90	mort	
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	186		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	185		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	140		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	150		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	111		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	125		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	135		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	65		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	115		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	68		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	72		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	76		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	65		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	61		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	111		
R4	Reach 4- Drift Creek Tributary	6/29/06	CT	105		
R4	Reach 4- Drift Creek Tributary	6/29/06	RS	82		
R4	Reach 4- Drift Creek Tributary	6/29/06	RS	75		
R4	Reach 4- Drift Creek Tributary	6/29/06	DA	70		
R4	Reach 4- Drift Creek Tributary	6/29/06	DA	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	52		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	65		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	71		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	70		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	72		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	72		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	73		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	71		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	52		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	75		

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	66		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	71		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	61		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	56		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	65		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	50		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	70		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	70		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	65		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	52		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	80		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	62		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	62		
R4	Reach 4- Drift Creek Tributary	6/29/06	SCP	55		
R4	Reach 4- Drift Creek Tributary	6/29/06	NP	65		
		6/29/06				
R5	Reach 5-Drift Creek Upper	6/29/06	CO	66		
R5	Reach 5-Drift Creek Upper	6/29/06	CO	64		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	50	mort	
R5	Reach 5-Drift Creek Upper	6/29/06	RS	51	mort	
R5	Reach 5-Drift Creek Upper	6/29/06	RS	50	mort	
R5	Reach 5-Drift Creek Upper	6/29/06	RS	92		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	85		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	80		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	78		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	72		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	62		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	70		
R5	Reach 5-Drift Creek Upper	6/29/06	RS	63		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	126		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	120		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	100		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	95		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	122		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	85		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	45		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	73		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	85		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	60		
R5	Reach 5-Drift Creek Upper	6/29/06	SCP	62	plus 2 obs	
R5	Reach 5-Drift Creek Upper	6/29/06	DA	35		
R5	Reach 5-Drift Creek Upper	6/29/06	DA	45		
R5	Reach 5-Drift Creek Upper	6/29/06	DA	52		
R5	Reach 5-Drift Creek Upper	6/29/06	DA	48		
R5	Reach 5-Drift Creek Upper	6/29/06	DA	45	plus 1 obs	
R5	Reach 5-Drift Creek Upper	6/29/06	PM	73		
R5	Reach 5-Drift Creek Upper	6/29/06	PM	65		
R5	Reach 5-Drift Creek Upper	6/29/06	PM	61		
R5	Reach 5-Drift Creek Upper	6/29/06	LA	110		
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	175		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	170		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	160		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	122		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	176		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	105		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	140		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	115		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	125		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	175		1st release

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	50		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	65		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	83		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	123		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	94		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	93		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	68		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	52		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	62		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	62		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	RS	60		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	71		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	88		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	74		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	92		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	89		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	96		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	61		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	73		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	48		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	76		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	55		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	58		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	52		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	40		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	53		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	60		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	55		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	48		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	54		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	50		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	52		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	60		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	62		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	48		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	45		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	49		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	52		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	NPM	55		1st release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	43	add. 5 obs.	2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	CT	46		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	DA	65		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	90		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	111		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	96		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	71		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	72		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	61		2nd release
R6	Reach 6- East Fork Drift Cr.	6/9/06	SCP	55		2nd release
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	56		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	86		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	85		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	84		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	87		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	72		
R7	Reach 7- West Fork Drift Cr.	6/9/06	RS	68		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	195		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	198		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	124		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	125		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	60		

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments	Notes
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	155		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	95		
R7	Reach 7- West Fork Drift Cr.	6/9/06	CT	95		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	56		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	54		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	65		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	DA	40		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	61		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	64		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	54		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	66		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	64		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	50		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	75		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	63		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	40		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	58		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	50		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	46		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	48		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	44		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	56		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	53		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	67		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	85		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	65		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	60		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	33		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	45		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	62		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	45		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	33		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	55		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	60		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	60		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	45		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	60		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	38		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	51		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	40		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	35		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	58		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	56		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	52		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	45		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	42		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	55		
R7	Reach 7- West Fork Drift Cr.	6/9/06	SCP	60		
R7	Reach 7- West Fork Drift Cr.	6/9/06	NP	64		
R7	Reach 7- West Fork Drift Cr.	6/9/06	NP	55		
R7	Reach 7- West Fork Drift Cr.	6/9/06	NP	41		

Species Codes: CO= Coho Salmon, CT = Cutthroat Trout, DA = Dace, *sp.*, LP = Lamprey, NP= Northern Pikeminnow, RS = Redside Shiner, SCP = Sculpin, *sp.*

APPENDIX A

December 2009

ID	Location	Date	Species	Length (mm)	Comments
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	LMB	62	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	LP	160	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	LSS	50	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	LSS	41	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	NP	154	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	NP	59	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	NP	107	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	4	Possible redd sighting
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	81	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	54	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	55	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	52	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	53	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	45	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	36	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	28	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	58	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	RS	62	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	67	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	54	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	61	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	42	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	50	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	57	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	60	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	42	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	rSCP	50	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	sDA	29	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	sDA	58	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	sDA	52	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	sDA	35	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	sDA	27	
R0.5	Reach 0.5- Drift Creek Mainstem	12/1/09	YBH	126	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	LSS	47	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	LSS	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	LSS	44	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	LSS	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	LSS	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	NP	144	
R0.75	Reach 0.75 Drift Creek mainstem	12/1/09	NP	90	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	NP	46	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	86	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	70	

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	62	Mort
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	60	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	74	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	32	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	100	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	56	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	67	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	64	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	57	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	70	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	56	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	RS	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	96	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	90	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	91	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	33	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	57	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	78	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	65	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	90	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	66	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	80	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	78	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	54	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	53	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	54	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	63	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	rSCP	28	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	82	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	63	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	51	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	61	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	92	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	62	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	56	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	90	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	32	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	34	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	55	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	30	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	50	

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	32	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	32	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	35	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	38	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	38	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	45	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	30	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	30	
R0.75	Reach 0.75 Drift Creek Mainstem	12/1/09	sDA	30	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	65	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	95	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	52	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	68	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	54	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	55	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	53	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	58	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	79	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	55	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	57	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	51	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	57	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	39	
R1	Reach 1 Drift Creek Mainstem	12/1/09	RS	30	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	105	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	82	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	75	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	55	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	50	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	97	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	65	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	59	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	49	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	45	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	44	
R1	Reach 1 Drift Creek Mainstem	12/1/09	rSCP	50	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	32	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	74	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	55	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	85	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	48	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	79	

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	50	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	45	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	37	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	60	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	34	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	27	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	75	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	44	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	66	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	70	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	68	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	64	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	26	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	26	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	47	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	50	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	40	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	27	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	34	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	27	
R1	Reach 1 Drift Creek Mainstem	12/1/09	sDA	23	
R2	Reach 2 Drift Creek Mainstem	12/1/09	CT	135	
R2	Reach 2 Drift Creek Mainstem	12/1/09	RS	57	
R2	Reach 2 Drift Creek Mainstem	12/1/09	RS	60	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	108	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	63	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	55	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	50	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	43	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	45	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	82	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	69	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	68	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	45	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	42	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	28	
R2	Reach 2 Drift Creek Mainstem	12/1/09	rSCP	27	
R2	Reach 2 Drift Creek Mainstem	12/1/09	sDA	75	
R2	Reach 2 Drift Creek Mainstem	12/1/09	sDA	72	
R3	Reach 3 Drift Creek Mainstem	12/2/09	sDA	33	Lost three sculpins, All fish seen in backwaters and side channels, forced to shift 200ft upstream of original reach because of impassable conditions
R4	Reach 4 Fox Creek	12/2/09	CT	80	Choked with Reed Canary Grass
R4	Reach 4 Fox Creek	12/2/09	CT	92	
R4	Reach 4 Fox Creek	12/2/09	rSCP	57	Landowners reporting coho spawning

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments
R4	Reach 4 Fox Creek	12/2/09	rSCP	55	
R4	Reach 4 Fox Creek	12/2/09	rSCP	28	
R4	Reach 4 Fox Creek	12/2/09	AM	130	
R4					
R5	Reach 5-Drift Creek Upper	12/2/09	CT	105	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	75	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	83	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	66	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	63	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	82	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	64	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	73	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	84	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	82	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	72	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	56	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	66	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	72	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	82	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	84	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	76	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	48	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	79	
R5	Reach 5-Drift Creek Upper	12/2/09	RS	90	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	74	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	60	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	72	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	59	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	82	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	53	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	56	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	59	
R5	Reach 5-Drift Creek Upper	12/2/09	rSCP	32	
R5	Reach 5-Drift Creek Upper	12/2/09	sDA	74	
R5	Reach 5-Drift Creek Upper	12/2/09	sDA	46	
R5	Reach 5-Drift Creek Upper	12/2/09	sDA	28	
R5	Reach 5-Drift Creek Upper	12/2/09	sDA	28	
R5	Reach 5-Drift Creek Upper	12/2/09	sDA	46	
R6.5	Reach 6.5-East Fork	12/3/09	CT	80	Nearly as steep as 7.5 and 8, only one step
R6.5	Reach 6.5-East Fork	12/3/09	CT	85	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	150	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	95	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	83	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	76	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	28	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	33	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	62	

APPENDIX A

ID	Location	Date	Species	Length (mm)	Comments
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	62	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	62	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	62	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	34	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	28	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	29	
R6.5	Reach 6.5-East Fork	12/3/09	rSCP	30	
R7.5	Reach 7.5	12/3/09	CT	105	Very steep, all steps
R7.5	Reach 7.5	12/3/09	rSCP	55	
R7.5	Reach 7.5	12/3/09	rSCP	54	
R8	Reach 8	12/3/09	rSCP	34	Sampled 200 ft below dam
R8	Reach 8	12/3/09	rSCP	52	
R8	Reach 8	12/3/09	rSCP	74	Sampled 200ft below dam
R8	Reach 8	12/3/09	rSCP	69	
R8	Reach 8	12/3/09	rSCP	40	
R8	Reach 8	12/3/09	rSCP	50	
R8	Reach 8	12/3/09	rSCP	40	
R8	Reach 8	12/3/09	rSCP	64	
R8	Reach 8	12/3/09	rSCP	53	
Species Codes: CO= Coho Salmon, CT = Cutthroat Trout, rSCP = Reticulate Sculpin, sDA = Speckled Dace, NP= Northern Pikeminnow, RS = Redside Shiner, LP = Lamprey, LMB = Large Mouth Bass, YBH=Yellow Bullhead, LSS=Large Scale Sucker.					

Appendix B. Photo Log



Drift Creek downstream of the reservoir footprint at RM 1.8 (Reach 0.75)



Drift Creek just below the dam site at RM 3.9 (Reach 2)



Drift Creek (RM 7.0) within the reservoir footprint.



East Fork Drift Creek RM 0.6 (Reach 6.5) upstream of the reservoir footprint



West Fork Drift Creek RM 0.7 (Reach 7.5) upstream of the reservoir footprint.