APPENDIX B5: MISSION CREEK

EFN Transect Locations



Figure B5-1: Location of EFN transects and hydrometric stations along Mission Creek

Transect Descriptions

Mission Riffle 1

 Install Date
 Aug 22, 2016

 Lat./Long.
 49.842788, -119.475591

 Width
 19.45 m

 Avg. width range
 18.62-26.44 m

Depth 0.26 m **Avg. depth range** 0.24-0.36 m



Looking upstream



Looking right bank to left bank



Looking downstream



Looking left bank to right bank





Looking upstream



Looking right bank to left bank



Looking downstream



Mission Creek Hydrometric Station 1



Mission Creek Hydrometric Station 2

Install Date	Mar 22, 2016
Lat./Long.	49.845549, -119.467669
Comment	Installed 50 m downstream of Casorso Road bridge. No EFN transect



Mission Glide 3			
Install Date	Aug 18, 2016		
Lat./Long.	49.862723, -119.442721		
Width	13.7 m	Depth	0.42 m
Avg. width range	19.32-22.24 m	Avg. depth range	0.32-0.47 m
Comment	Kokanee spawning observ	ed. Transect from previo	us EFN study re-
	established.		



Looking upstream



Looking right bank to left bank



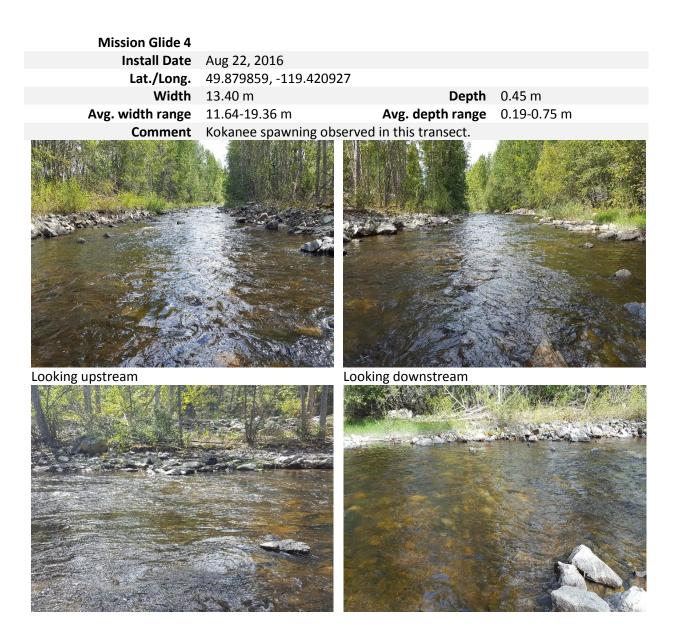


Looking right bank to left bank

Mission Creek Hydrometric Station 3

Install DateMar 22, 2016Lat./Long.49.863053, -119.442630CommentInstalled on boulder on right bank near Gordon Road





Looking right bank to left bank



Looking right bank to left bank

Looking left bank to right bank

Mission Creek Hydromet 4

Install Date	Jul 13, 2016
Lat./Long.	49.879779, -119.421831
Comment	Installed on boulder on right bank near Glide 4





Looking right bank to left bank

Looking left bank to right bank



Looking right bank to left bank

Mission Creek Hydromet 6

IVIISSION CLEEK HYDIONIE										
Install Date	April 1, 2016									
Lat./Long.	49.872494, -119.397853									
Comment	nstalled on small boulder on right bank near Riffle 6									
	de la									

Mission Glide 7a

Install Date July 4, 2017

Lat./Long. 49.85

Comment

49.850999, -119.386135

Kokanee spawning observed in this transect. Transect was re-installed approximately 10m upstream from original location due to changes in the channel post-freshet.



Looking upstream



Looking right bank to left bank





Looking left bank to right bank

Mission Riffle 7	
Install Date	Aug 18, 2016
Lat./Long.	49.850880, -119.385663
Width	15.5 m
Avg. width range	12.21-27.29 m



Looking upstream



Looking right bank to left bank



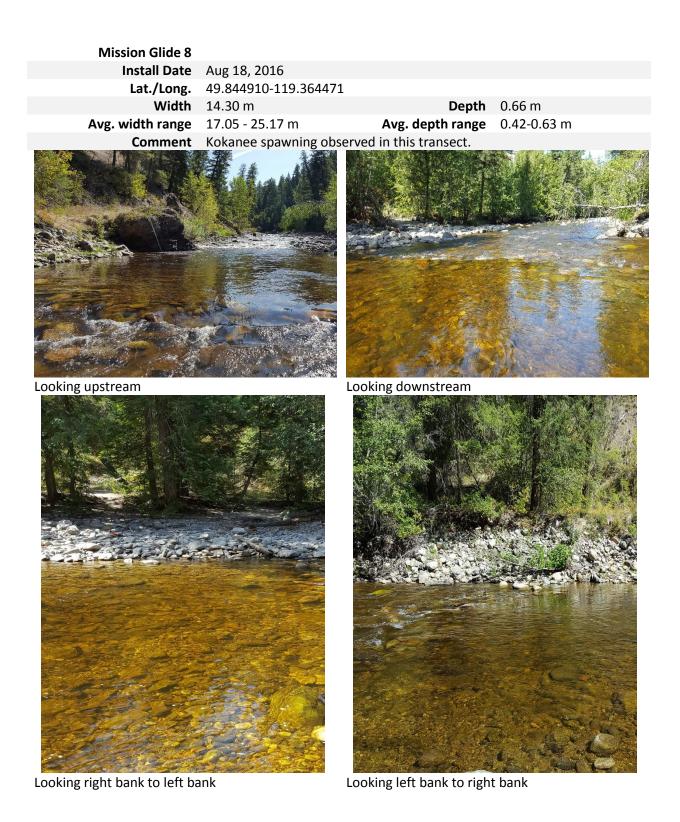
Looking downstream



Mission Creek Hydromet 7

Install DateMar 22, 2016Lat./Long.49.850663, -119.382771CommentInstalled on the root of an alder tree on right bank.



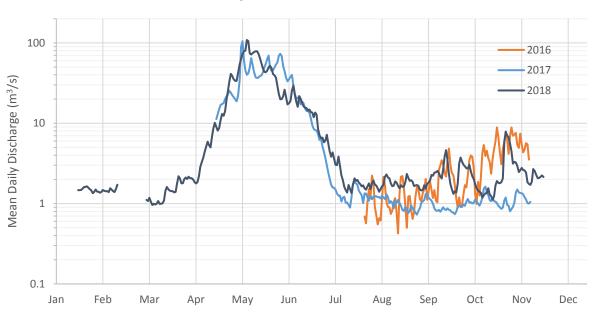


B5-17

Mission Creek Hydromet 8

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Install Date	Apr 1, 2016
Lat./Long.	49.844894, -119.364307
Comment	Installed on a large boulder on right bank.

Discharge Records



Mission Creek Hydrometric Station 1 - 08NM551

Figure B5-2: Mean daily discharge measured at the Mission Hydrometric Station 1 from 2016 to 2018

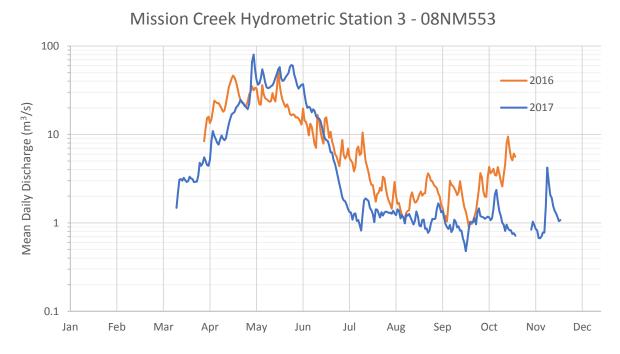
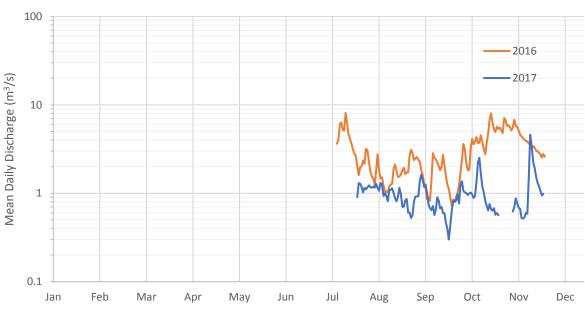


Figure B5-3: Mean daily discharge measured at the Mission Hydrometric Station 3 from 2016 to 2017



Mission Creek Hydrometric Station 4 - 08NM554

Figure B5-4: Mean daily discharge measured at the Mission Hydrometric Station 4 from 2016 to 2017

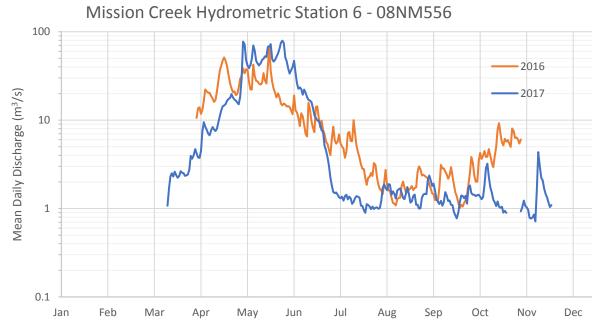


Figure B5-5: Mean daily discharge measured at the Mission Hydrometric Station 6 from 2016 to 2017

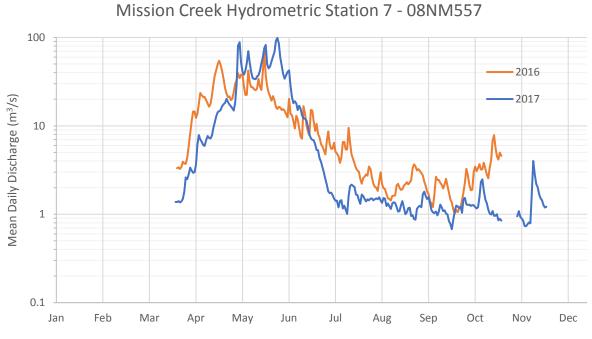


Figure B5- 6: Mean daily discharge measured at the Mission Hydrometric Station 7 from 2016 to 2017



Mission Creek Hydrometric Station 8 - 08NM558

Figure B5-7: Mean daily discharge measured at the Mission Hydrometric Station 8 from 2016 to 2017

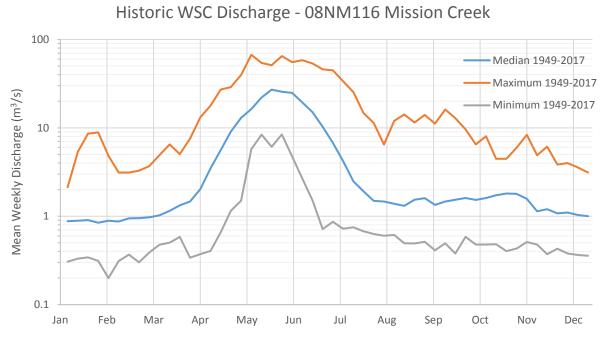
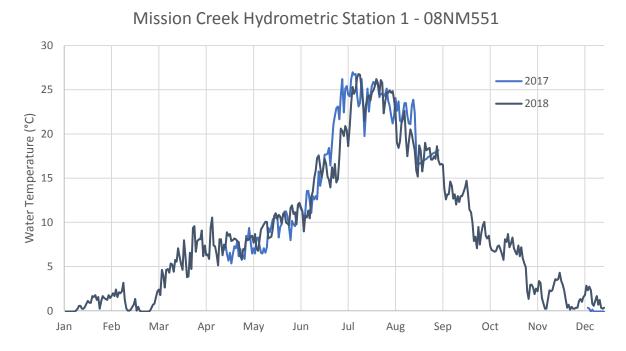


Figure B5-8: Median, minimum and maximum weekly discharge measured at WSC hydrometric station Mission Creek near East Kelowna (08NM116) from 1949-2017



Water Temperature Records

Figure B5-9: Daily maximum temperature recorded at Mission Creek Hydrometric Station 1 from 2017 to 2018

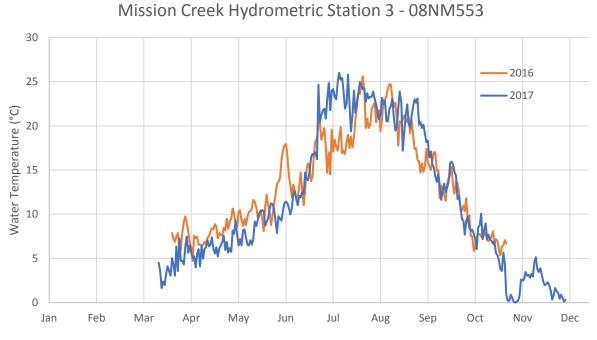


Figure B5-10: Daily maximum temperature recorded at Mission Creek Hydrometric Station 3 from 2016 to 2017

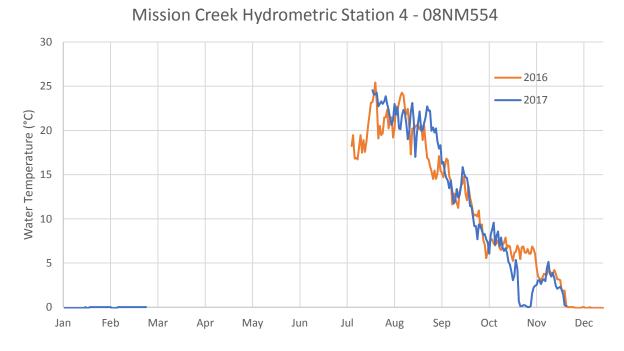


Figure B5-11: Daily maximum temperature recorded at Mission Creek Hydrometric Station 4 from 2016 to 2017

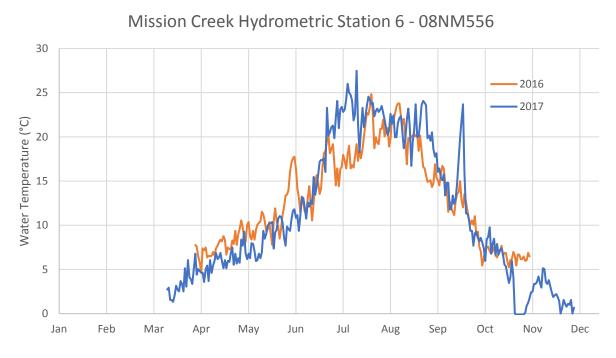


Figure B5-12: Daily maximum temperature recorded at Mission Creek Hydrometric Station 6 from 2016 to 2017

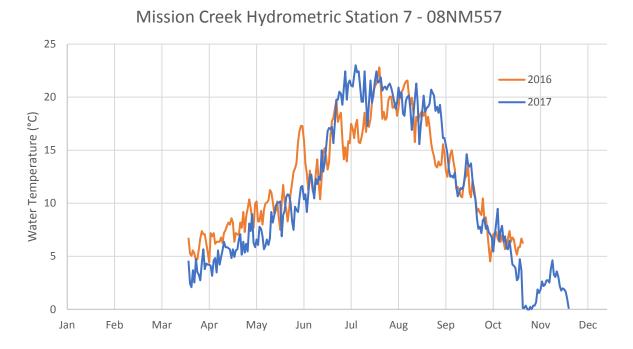


Figure B5-13: Daily maximum temperature recorded at Mission Creek Hydrometric Station 7 from 2016 to 2017

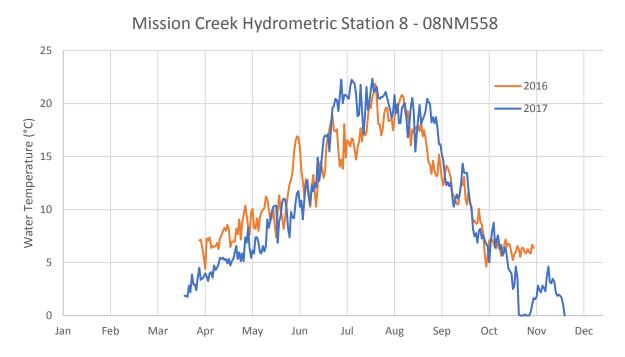


Figure B5- 14: Daily maximum temperature recorded at Mission Creek Hydrometric Station 8 from 2016 to 2017

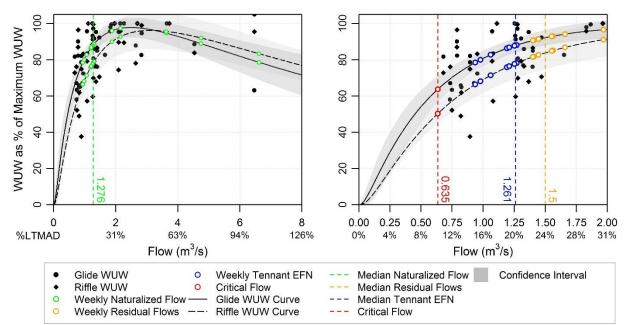
				Rain	bow		Kokanee Ecological F					l Flows	
Week Ending	Life Stage/ Week	Adult migration	Spawning	Incubation	Rearing	Juvenile migration	Over-wintering	Adult migration	Spawning	Incubation	Juvenile migration	Wetland, side channel linkage, flushing and channel maintenance flow	Ecosystem flows
Jan							20%			20%			
Feb							20%			20%			
Mar							20%			20%			
1-Apr	13				20%						50%		
8-Apr	14				20%						50%		
15-Apr	15	76%			20%						50%		
22-Apr	16	76%			20%						50%		
29-Apr	17	76%			20% 20%	50%					50% 50%	☑ ☑	
6-May 13-May	18 19	76% 76%			20%	50% 50%					50% 50%	☑	
20-May	20	76%	40%		20%	50%					50%	☑	
27-May	21	76%	40%	20%	20%	50%					50%	870%	
3-Jun	22	76%	40%	20%	20%	50%						870%	
10-Jun	23	76%	40%	20%	20%	50%						$\overline{\mathbf{A}}$	100%
17-Jun	24	76%	40%	20%	20%	50%						\square	100%
24-Jun	25	76%	40%	20%	20%	50%							100%
1-Jul	26	76%	40%	20%	20%	50%							100%
8-Jul	27	76%	40%	20%	20%	50%							100%
15-Jul	28			20%	20%	50%							100%
22-Jul	29				20%								100%
29-Jul	30				20%								100%
5-Aug 12-Aug	31 32				20% 20%								
12-Aug 19-Aug	33				20%								
26-Aug	34				20%			20%					
2-Sep	35				20%			20%	20%				
9-Sep	36				20%			20%	20%				
16-Sep	37				20%			20%	20%	20%			
23-Sep	38				20%			20%	20%	20%			
30-Sep	39				20%			20%	20%	20%			
7-Oct	40				20%				20%	20%			
14-Oct	41				20%					20%			
21-Oct	42				20%					20%			
28-Oct	43				20%		20%			20% 20%			
Nov Dec							20%			20%			

Flow standards and periodicity – Okanagan Tennant analysis for Mission Creek

EFNs and Critical Flows for Mission Creek

		Okanagan Tennant EFN						WUW EF	•N (m³/s)			FINAL EFN	CRITICAL FLOW (m ³ /s)			
Week Ending	EFN - all factors (%LTMAD)	Flow standard EFN (m ³ /s)	Nat. median weekly Q (m³/s)	Residual median weekly Q (m³/s)	Okanagan Tennant EFN (m³/s)	%LTMAD	Rainbow rearing & insect production	Kokanee spawning	Rainbow spawning	FINAL	Value (m³/s)	Dominant Species / Life Stage	Rainbow rearing & over wintering	Kokanee spawning	Rainbow spawning	FINAL
Jan	20%	1.270	0.925	0.851	0.925	15%					0.925	Overwintering, egg incubation	0.635			0.635
Feb	20%	1.270	0.790	0.869	0.790	12%					0.790	Overwintering, egg	0.635			0.635
Mar	20%	1.270	0.812	1.142	0.812	13%					0.812	Overwintering, egg	0.635			0.635
1-Apr	50%	3.176	1.174	1.470	1.174	18%	1.404			1.404	1.174	RB juvenile migration	0.635			0.635
8-Apr	50%	3.176	2.099	2.924	2.099	33%	1.404			1.404	1.404	RB juvenile migration	0.635			0.635
15-Apr	76%	4.828	3.867	6.831	3.867	61%	1.404			1.404	3.867	RB adult migration	0.635		1.118	1.118
22-Apr	76%	4.828	5.349	8.889	4.828	76%	1.404			1.404	4.828	RB adult migration	0.635		1.118	1.118
29-Apr	76%	4.828	11.323	12.203	4.828	76%	1.404			1.404	4.828	RB adult migration	0.635		1.118	1.118
6-May	76%	4.828	13.806	16.586	4.828	76%	1.404			1.404	4.828	RB adult migration	0.635 0.635		1.118	1.118
13-May	76%	4.828	13.864	15.600	4.828	76%	1.404			1.404		4.828 RB adult migration			1.118	1.118
20-May	76%	4.828	23.669	21.784	4.828	76%	1.404		4.828	4.828	4.828	RB adult migration	0.635		1.118	1.118
27-May	870%	55.265	29.567	26.971	29.567	465%	1.404		4.828	4.828	29.567	Ecosystem flows	0.635		1.118	1.118
3-Jun	870%	55.265	32.386	29.071	32.386	510%	1.404		4.828	4.828	32.386	Ecosystem flows	0.635		1.118	1.118
10-Jun	100%	6.352	27.773	26.700	6.352	100%	1.404		4.828	4.828	4.828 4.828	RB Spawning	0.635		1.118	1.118 1.118
17-Jun 24-Jun	100% 100%	6.352	23.904 19.808	23.943	6.352 6.352	100% 100%	1.404 1.404		4.828 4.828	4.828 4.828	4.828	RB Spawning	0.635		1.118 1.118	1.118
24-Jun 1-Jul	100%	6.352 6.352	19.808	17.571 11.643	6.352	100%	1.404		4.828	4.828	4.828	RB Spawning RB Spawning	0.635 0.635		1.118	1.118
1-Jul 8-Jul	100%	6.352	11.246	6.206	6.352	100%	1.404		4.828	4.828	4.828	RB Spawning	0.635		1.118	1.118
15-Jul	100%	6.352	6.619	3.310	6.352	100%	1.404		4.020	1.404	4.828	RB incubation	0.635		1.110	0.635
22-Jul	100%	6.352	4.749	2.130	4.749	75%	1.404			1.404	4.749	RB incubation	0.635			0.635
22-Jul 29-Jul	100%	6.352	3.628	1.970	3.628	57%	1.404			1.404	3.628	RB incubation	0.635			0.635
5-Aug	20%	1.270	2.152	1.563	1.270	20%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
12-Aug	20%	1.270	1.876	1.447	1.270	20%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
19-Aug	20%	1.270	1.300	1.260	1.270	20%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
26-Aug	20%	1.270	1.191	1.258	1.191	19%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
2-Sep	20%	1.270	1.253	1.553	1.253	20%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
9-Sep	20%	1.270	1.211	1.407	1.211	19%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
16-Sep	20%	1.270	0.978	1.252	0.978	15%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
23-Sep	20%	1.270	0.937	1.401	0.937	15%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
30-Sep	20%	1.270	1.061	1.659	1.061	17%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
7-Oct	20%	1.270	1.152	1.357	1.152	18%	1.404	1.404		1.404	1.404	KO Spawning	0.635	0.635		0.635
14-Oct	20%	1.270	1.201	1.574	1.201	19%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
21-Oct	20%	1.270	1.689	1.875	1.270	20%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
28-Oct	20%	1.270	1.910	1.381	1.270	20%	1.404			1.404	1.404	RB parr rearing	0.635			0.635
Nov	20%	1.270	1.938	1.527	1.270	20%					1.270	Overwintering, egg incubation	0.635			0.635
Dec	20%	1.270	1.203	1.018	1.203	19%					1.203	Overwintering, egg incubation	0.635			0.635

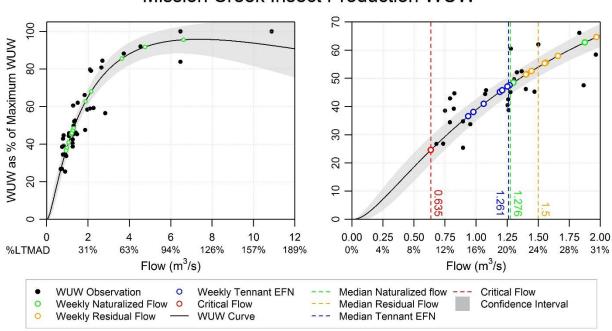
Weighted Usable Width



Mission Creek Rainbow rearing WUW

Median values from mid-July to end of September (week 28-39)

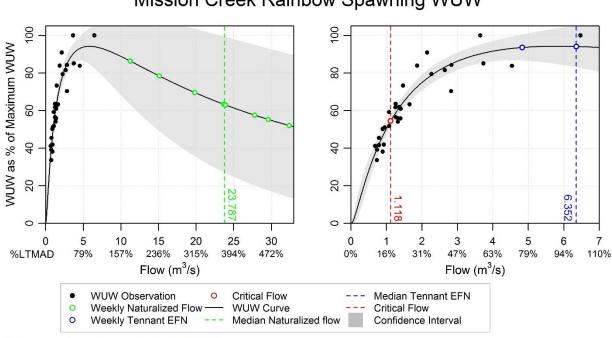
Figure B5-15: WUW curves for Rainbow rearing in Mission Creek for all flows (left) and low flows (right)



Mission Creek Insect Production WUW

Median values from mid-July to end of September (week 28-39)

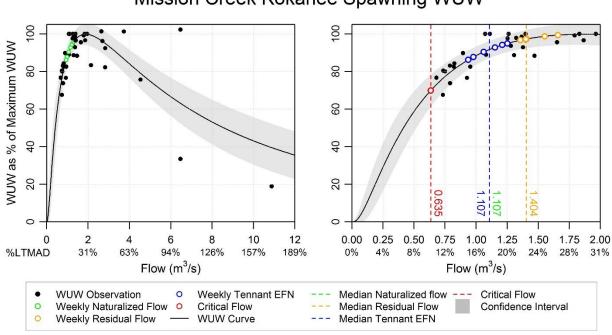
Figure B5-16: WUW curves for insect production in Mission Creek for all flows (left) and low flows (right)



Mission Creek Rainbow Spawning WUW

Median values from May 20 to July 10 (week 20-27)

Figure B5-17: WUW curves for Rainbow spawning in Mission Creek for all flows (left) and low flows (right)



Mission Creek Kokanee Spawning WUW

Figure B5-18: WUW curves for Kokanee spawning in Mission Creek for all flows (left) and low flows (right)

Median values from September 2 to October 5 (week 35-40)

Critical Flows

Table B5-1: Critical flow analysis for Mission Creek

Species / Life stage	Critical Flow Criteria	Riffle 1A	Riffle 3	Riffle 6	Average
		(m³/s) %LTMAD	(m³/s) %LTMAD	(m³/s) %LTMAD	(m³/s) %LTMAD
	Naturalized LTMAD				6.35 100
	Wetted width at 100% LTMAD (m)	19.12	24.40	22.50	
Insect production, Rainbow rearing & overwintering	60% of width at 100% LTMAD	0.417 7	1.31 21	0.645 10	0.790 12
Rainbow spawning	25% of width at 100% LTMAD is <u>></u> 0.18m deep	1.30 20	1.13 18	0.925 15	1.12 18
Kokanee spawning	25% of width at 100% LTMAD is <u>></u> 0.12m deep	0.422 7	0.716 11	0.848 13	0.662 10

Table B5-2: Final critical flows for Mission Creek

Species/Life stage	Final Critical Flow (m ³ /s)	% LTMAD	Criteria Used
Rainbow rearing & insect production	0.635	10%	10% LTMAD
Rainbow spawning	1.12	18%	0.18m depth requirement
Kokanee spawning	0.635	10%	10% LTMAD
Rainbow overwintering	0.635	10%	10% LTMAD

Table B5-3: 30 day naturalized low flows for Summer and Winter provided by Associated (2019)

	(m³/s)	% LTMAD
Summer (July 1 to September 30) Minimum		
Summer 1:2-year return period 30 Day Naturalized Low	1.10	17%
Summer 1:5-year return period 30 Day Naturalized Low	0.578	9%
Summer 1:10-year return period 30 Day Naturalized Low	0.430	7%
Summer 1:20-year return period 30 Day Naturalized Low	0.340	5%
Winter (November 1 to March 31) Minimum		
Winter 1:2-year return period 30 Day Naturalized Low	0.702	11%
Winter 1:5-year return period 30 Day Naturalized Low	0.507	8%
Winter 1:10-year return period 30 Day Naturalized Low	0.461	7%
Winter 1:20-year return period 30 Day Naturalized Low	0.440	7%

Percentile Flows for Mission Creek

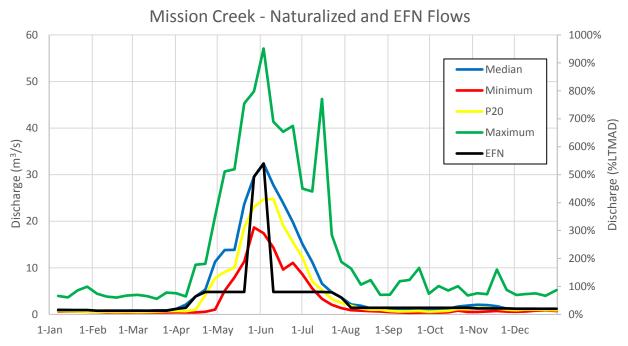


Figure B5-19: EFN flows compared with naturalized flow percentiles in Mission Creek (Discharge & %LTMAD)

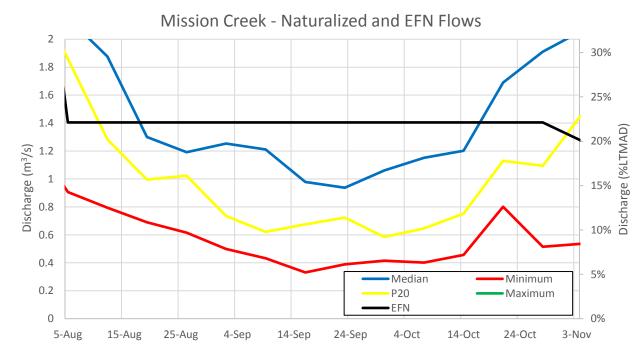


Figure B5-20: EFN flows compared with naturalized flow percentiles in Mission Creek Aug-Nov (Discharge & %LTMAD)

Naturalized Percentile Flows for Mission Creek

NATURA	LIZED FLOW		as n	n³/s			as %L	TMAD	
Week	Ending	Min	P20	Median	Max	Min	P20	Median	Max
01	7-Jan	0.663	0.803	1.000	3.955	10%	13%	16%	62%
02	14-Jan	0.638	0.693	0.923	3.663	10%	11%	15%	58%
03	21-Jan	0.601	0.612	0.791	5.178	9%	10%	12%	82%
04	28-Jan	0.568	0.603	0.756	5.937	9%	9%	12%	93%
05	4-Feb	0.523	0.569	0.773	4.443	8%	9%	12%	70%
06	11-Feb	0.443	0.587	0.786	3.811	7%	9%	12%	60%
07	18-Feb	0.467	0.571	0.805	3.618	7%	9%	13%	57%
08	25-Feb	0.462	0.597	0.800	4.016	7%	9%	13%	63%
09	4-Mar	0.456	0.571	0.810	4.203	7%	9%	13%	66%
10	11-Mar	0.446	0.586	0.781	3.914	7%	9%	12%	62%
11	18-Mar	0.419	0.638	0.864	3.342	7%	10%	14%	53%
12	25-Mar	0.419	0.680	0.872	4.688	7%	11%	14%	74%
13	1-Apr	0.452	0.742	1.174	4.543	7%	12%	18%	72%
14	8-Apr	0.429	0.702	2.099	3.869	7%	11%	33%	61%
15	15-Apr	0.408	1.021	3.867	10.673	6%	16%	61%	168%
16	22-Apr	0.573	4.180	5.349	10.855	9%	66%	84%	171%
17	29-Apr	1.028	7.823	11.323	21.077	16%	123%	178%	332%
18	6-May	5.096	9.114	13.806	30.702	80%	143%	217%	483%
19	13-May	7.939	10.035	13.864	31.162	125%	158%	218%	491%
20	20-May	11.344	18.669	23.669	45.282	179%	294%	373%	713%
21	27-May	18.673	23.093	29.567	47.891	294%	364%	465%	754%
22	3-Jun	17.440	24.674	32.386	57.084	275%	388%	510%	899%
23	10-Jun	14.348	24.796	27.773	41.354	226%	390%	437%	651%
24	17-Jun	9.617	19.103	23.904	39.214	151%	301%	376%	617%
25	24-Jun	11.078	15.546	19.808	40.466	174%	245%	312%	637%
26	1-Jul	8.583	12.198	15.106	27.008	135%	192%	238%	425%
27	8-Jul	5.573	7.091	11.246	26.385	88%	112%	177%	415%
28	15-Jul	3.355	5.222	6.619	46.234	53%	82%	104%	728%
29	22-Jul	2.057	3.314	4.749	17.077	32%	52%	75%	269%
30	29-Jul	1.344	2.466	3.628	11.263	21%	39%	57%	177%
31	5-Aug	0.906	1.859	2.152	9.838	14%	29%	34%	155%
32	12-Aug	0.794	1.283	1.876	6.415	12%	20%	30%	101%
33	19-Aug	0.689	0.995	1.300	7.348	11%	16%	20%	116%
34	26-Aug	0.616	1.023	1.191	4.211	10%	16%	19%	66%
35	2-Sep	0.499	0.735	1.253	4.246	8%	12%	20%	67%
36	9-Sep	0.433	0.621	1.211	7.136	7%	10%	19%	112%
37	16-Sep	0.331	0.675	0.978	7.410	5%	11%	15%	117%
38	23-Sep	0.389	0.723	0.937	9.980	6%	11%	15%	157%
39	30-Sep	0.416	0.584	1.061	4.451	7%	9%	17%	70%
40	7-Oct	0.401	0.647	1.152	6.095	6%	10%	18%	96%
41	14-Oct	0.457	0.751	1.201	5.125	7%	12%	19%	81%
42	21-Oct	0.801	1.129	1.689	6.043	13%	18%	27%	95%
43	28-Oct	0.515	1.094	1.910	4.076	8%	17%	30%	64%
44	4-Nov	0.537	1.466	2.061	4.528	8%	23%	32%	71%
45	11-Nov	0.644	1.385	1.995	4.348	10%	22%	31%	68%
46	18-Nov	0.716	1.246	1.767	9.640	11%	20%	28%	152%
47	25-Nov	0.596	0.993	1.238	5.260	9%	16%	19%	83%
48	2-Dec	0.557	0.910	1.213	4.183	9%	14%	19%	66%
49	9-Dec	0.619	1.048	1.217	4.381	10%	16%	19%	69%
50	16-Dec	0.784	0.992	1.203	4.522	12%	16%	19%	71%
51	23-Dec	0.871	0.967	1.109	3.987	14%	15%	17%	63%
52	31-Dec	0.714	0.889	1.186	5.214	11%	14%	19%	82%

Residual Percentile Flows for Mission Creek

RESIDU	RESIDUAL FLOW		as m³/s				as %LTMAD			
Week	Ending	Min	P20	Median	Max	Min	P20	Median	Max	
01	7-Jan	0.479	0.564	0.866	1.811	8%	9%	14%	29%	
02	14-Jan	0.443	0.621	0.871	5.371	7%	10%	14%	85%	
03	21-Jan	0.413	0.643	0.751	8.579	6%	10%	12%	135%	
04	28-Jan	0.372	0.620	0.729	8.886	6%	10%	11%	140%	
05	4-Feb	0.376	0.597	0.748	4.831	6%	9%	12%	76%	
06	11-Feb	0.407	0.605	0.804	3.120	6%	10%	13%	49%	
07	18-Feb	0.369	0.621	0.956	3.126	6%	10%	15%	49%	
08	25-Feb	0.451	0.677	0.959	3.277	7%	11%	15%	52%	
09	4-Mar	0.388	0.640	1.109	3.690	6%	10%	17%	58%	
10	11-Mar	0.509	0.668	1.057	4.909	8%	11%	17%	77%	
11	18-Mar	0.731	0.957	1.132	6.494	12%	15%	18%	102%	
12	25-Mar	0.769	1.012	1.296	5.041	12%	16%	20%	79%	
13	1-Apr	1.061	1.220	1.470	4.789	17%	19%	23%	75%	
14	8-Apr	0.972	1.287	2.924	5.990	15%	20%	46%	94%	
15	15-Apr	0.935	1.967	6.831	17.786	15%	31%	108%	280%	
16	22-Apr	2.316	4.100	8.889	18.443	36%	65%	140%	290%	
17	29-Apr	2.727	8.722	12.203	28.929	43%	137%	192%	455%	
18	6-May	6.260	9.807	16.586	39.743	99%	154%	261%	626%	
19	13-May	5.786	9.767	15.600	36.914	91%	154%	246%	581%	
20	20-May	8.374	19.386	21.784	53.786	132%	305%	343%	847%	
21	27-May	15.300	17.914	26.971	50.200	241%	282%	425%	790%	
22	3-Jun	17.300	21.251	29.071	61.729	272%	335%	458%	972%	
23	10-Jun	11.737	21.634	26.700	44.943	185%	341%	420%	708%	
24	17-Jun	7.326	14.817	23.943	40.829	115%	233%	377%	643%	
25	24-Jun	8.230	11.654	17.571	39.371	130%	183%	277%	620%	
26	1-Jul	5.276	7.820	11.643	25.586	83%	123%	183%	403%	
27	8-Jul	2.607	4.751	6.206	20.571	41%	75%	98%	324%	
28	15-Jul	0.945	2.428	3.310	33.529	15%	38%	52%	528%	
29	22-Jul	0.750	1.582	2.130	12.290	12%	25%	34%	193%	
30	29-Jul	0.910	1.412	1.970	8.047	14%	22%	31%	127%	
31	5-Aug	0.942	1.093	1.563	7.140	15%	17%	25%	112%	
32	12-Aug	0.940	1.137	1.447	4.880	15%	18%	23%	77%	
33	19-Aug	0.733	0.973	1.260	3.797	12%	15%	20%	60%	
34	26-Aug	0.732	0.930	1.258	3.101	12%	15%	20%	49%	
35	2-Sep	0.691	0.919	1.553	2.640	11%	14%	24%	42%	
36	9-Sep	0.586	0.918	1.407	5.031	9%	14%	22%	79%	
37	16-Sep	0.653	0.967	1.252	4.841	10%	15%	20%	76%	
38	23-Sep	0.732	1.154	1.401	10.123	12%	18%	22%	159%	
39	30-Sep	0.624	1.010	1.659	5.374	10%	16%	26%	85%	
40	7-Oct	0.861	1.020	1.357	7.913	14%	16%	21%	125%	
41	14-Oct	0.825	0.987	1.574	5.037	13%	16%	25%	79%	
42	21-Oct	0.808	1.302	1.875	6.217	13%	21%	30%	98%	
43	28-Oct	0.734	0.951	1.381	3.831	12%	15%	22%	60%	
44	4-Nov	0.403	1.124	1.478	4.471	6%	18%	23%	70%	
45	11-Nov	0.520	0.844	1.883	5.961	8%	13%	30%	94%	
46	18-Nov	0.593	0.906	1.579	8.344	9%	14%	25%	131%	
47	25-Nov	0.521	0.637	1.019	4.667	8%	10%	16%	73%	
48	2-Dec	0.372	0.552	1.200	5.306	6%	9%	19%	84%	
49	9-Dec	0.429	0.567	1.077	3.843	7%	9%	17%	60%	
50	16-Dec	0.379	0.574	1.024	3.999	6%	9%	16%	63%	
51	23-Dec	0.453	0.507	0.906	3.563	7%	8%	14%	56%	
52	31-Dec	0.512	0.536	0.889	3.024	8%	8%	14%	48%	

Maximum Licensed Percentile Flows for Mission Creek

Maximum Licensed Percentile Flows for Mission Creek are unavailable at the time of reporting