APPENDIX B10: aksk^{w}ək^{w}ant - INKANEEP CREEK

Transect Locations

Figure B10-1: Location of EFN transects and WSC hydrometric station 08NM200 for Inkaneep Creek

Transect Descriptions

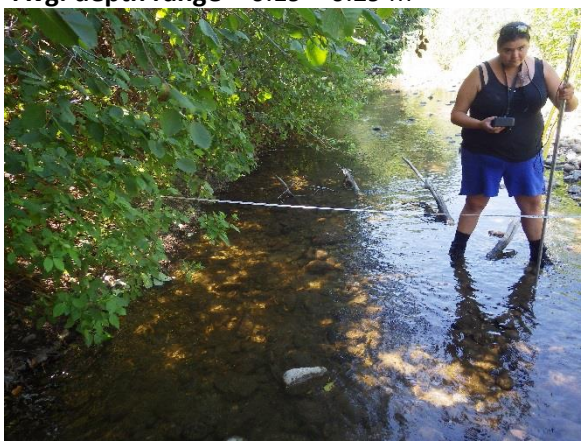
INK10SCR2016	
Install Date	August 17, 2016
Lat./Long.	49.074337, -119.503316
Width (install)	5.65 m
Depth (install)	0.10 m
Avg. width range	3.60 – 6.00 m
Avg. depth range	0.17 – 0.30 m

Looking upstream

Looking downstream

INK20GL2016	
Install Date	August 17, 2016
Lat./Long.	49.074431, -119.503142
Width (install)	3.55 m
Depth (install)	0.18 m
Avg. width range	2.75 – 3.56 m
Avg. depth range	0.19 – 0.29 m

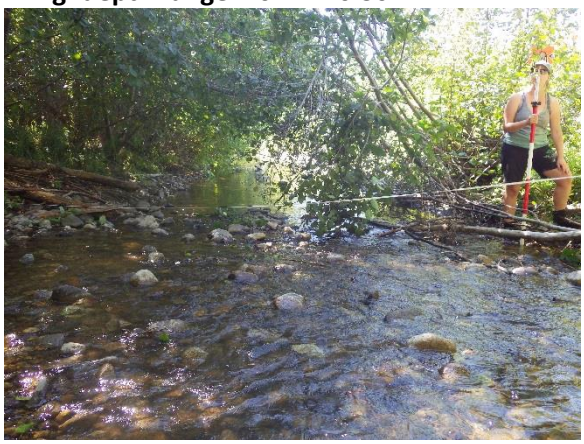
Looking upstream



Looking downstream

INK30SCR2016	
Install Date	August 17, 2016
Lat./Long.	49.074434, -119.503019
Width (install)	5.10 m
Depth (install)	0.07 m
Avg. width range	3.60 – 6.00 m
Avg. depth range	0.17 – 0.30 m

Looking upstream



Looking downstream

INK40GL2016	
Install Date	August 17, 2016
Lat./Long.	49.074427, -119.502923
Width (install)	3.15 m
Depth (install)	0.17 m
Avg. width range	2.75 – 3.56 m
Avg. depth range	0.19 – 0.29 m

Looking upstream

Looking downstream

INK50SCR2016			
Install Date	August 17, 2016		
Latitude	49.074448, -119.502774		
Width (install)	5.25 m	**Depth (install)**	0.07 m
Avg. width range	3.60 – 6.00 m	**Avg. depth range**	0.17 – 0.30 m

Looking upstream

Looking downstream

Discharge Records

Figure B10-2: Mean daily discharge measured at the WSC Station 08NM200 (Inkaneep Creek near the Mouth) from 2017 to 2018

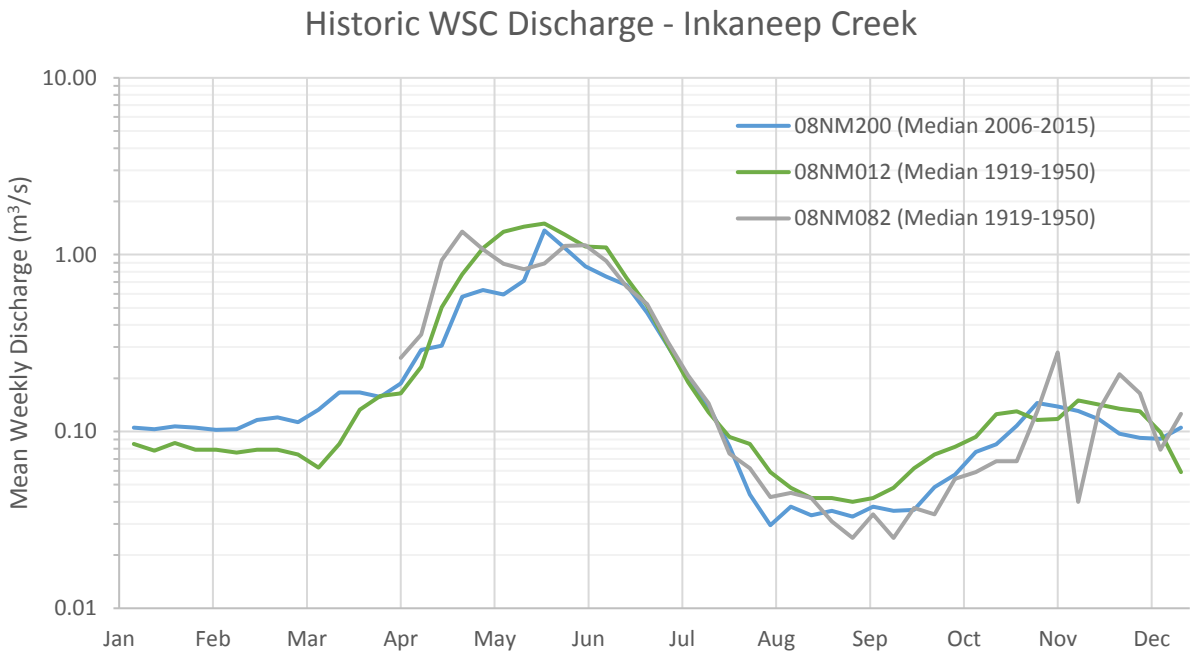


Figure B10-3: Historic discharge recorded at WSC Stations 08NM200 (Inkaneep Creek near the mouth), 08NM012 (Inkaneep Creek near Oliver (Lower station)), and 08NM082 (Inkaneep Creek near Oliver (Upper station))

Water Temperature Records

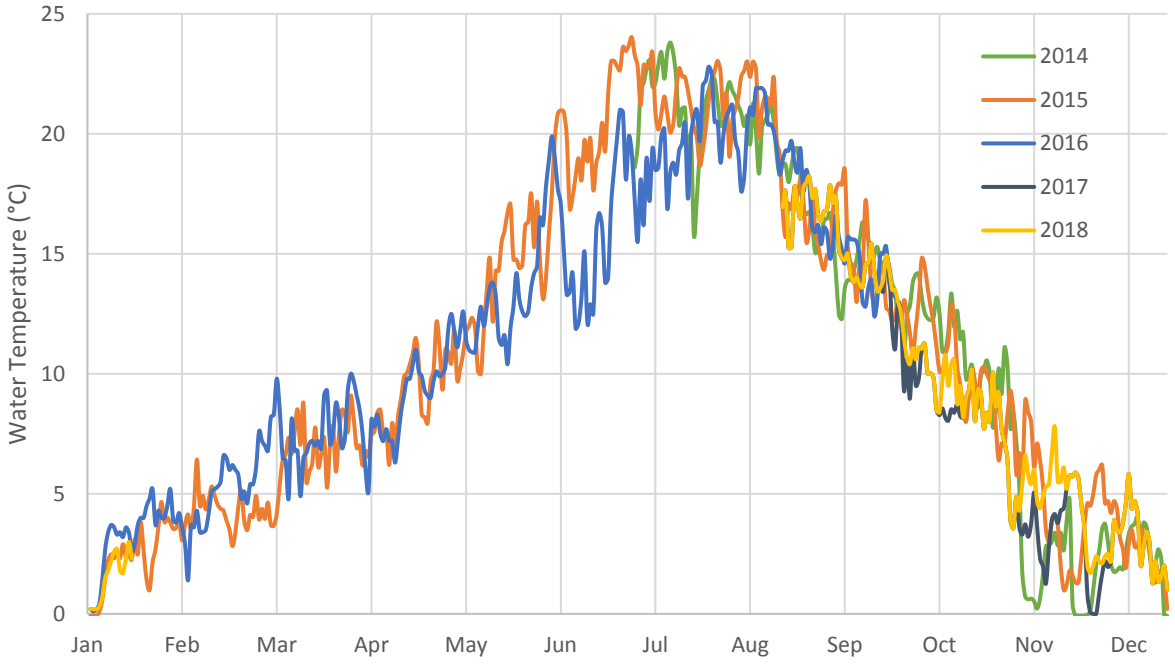


Figure B10-4: Maximum daily water temperatures recorded at the WSC Station 08NM200 (Inkaneep Creek near the Mouth) from 2014-2018

Flow standards and periodicity – Okanagan Tennant analysis for Inkaneep Creek

		Rainbow						Steelhead					
Week Ending	Life Stage/ Week	Adult migration	Spawning	Incubation	Rearing	Juvenile migration	Over-wintering	Adult migration	Spawning	Incubation	Rearing	Juvenile migration	Over-wintering
Jan							20%						20%
Feb							20%						20%
Mar							20%						20%
1-Apr	13				20%			213%	213%	20%	20%		
8-Apr	14				20%			213%	213%	20%	20%	50%	
15-Apr	15	213%			20%			213%	213%	20%	20%	50%	
22-Apr	16	213%			20%			213%	213%	20%	20%	50%	
29-Apr	17	213%			20%			213%	213%	20%	20%	50%	
6-May	18	213%			20%	50%		213%	213%	20%	20%	50%	
13-May	19	213%			20%	50%		213%	213%	20%	20%	50%	
20-May	20	213%	40%		20%	50%		213%	213%	20%	20%	50%	
27-May	21	213%	40%	20%	20%	50%		213%	213%	20%	20%	50%	
3-Jun	22	213%	40%	20%	20%	50%		213%	213%	20%	20%	50%	
10-Jun	23	213%	40%	20%	20%	50%		213%	213%	20%	20%	50%	
17-Jun	24	213%	40%	20%	20%	50%		213%	213%	20%	20%	50%	
24-Jun	25	213%	40%	20%	20%	50%		213%	213%	20%	20%		
1-Jul	26	213%	40%	20%	20%	50%				20%	20%		
8-Jul	27	213%	40%	20%	20%	50%				20%	20%		
15-Jul	28			20%	20%	50%					20%		
22-Jul	29			20%	20%						20%		
29-Jul	30			20%	20%						20%		
5-Aug	31				20%						20%		
12-Aug	32				20%						20%		
19-Aug	33				20%						20%		
26-Aug	34				20%						20%		
2-Sep	35				20%						20%		
9-Sep	36				20%						20%		
16-Sep	37				20%						20%		
23-Sep	38				20%						20%		
30-Sep	39				20%						20%		
7-Oct	40				20%						20%		
14-Oct	41				20%						20%		
21-Oct	42				20%						20%		
28-Oct	43				20%						20%		
Nov							20%						20%
Dec							20%						20%

Flow standards and periodicity – Okanagan Tennant analysis for Inkaneep Creek - Continued

Week Ending	Life Stage/ Week	Chinook (summer) rearing	Chinook (spring stock)						Ecological Flows	
			Adult migration	Spawning	Incubation	Rearing	Juvenile migration	Over-wintering	Wetland, side channel linkage, flushing and channel maintenance flow	Cottonwood ecosystems
Jan					20%			20%		
Feb					20%			20%		
Mar		20%			20%			20%		
1-Apr	13	20%				20%			☑	
8-Apr	14	20%				20%			☑	
15-Apr	15	20%				20%	50%		☑	
22-Apr	16	20%				20%	50%		☑	
29-Apr	17	20%				20%	50%		☑	
6-May	18					20%	50%		☑	
13-May	19					20%	50%		☑	
20-May	20					20%	50%		☑	
27-May	21					20%	50%		2380%	100%
3-Jun	22					20%	50%		2380%	100%
10-Jun	23					20%	50%		☑	100%
17-Jun	24					20%	50%		☑	100%
24-Jun	25					20%	50%			100%
1-Jul	26		213%			20%				100%
8-Jul	27		213%			20%				100%
15-Jul	28		213%			20%				100%
22-Jul	29		213%			20%				100%
29-Jul	30		213%			20%				100%
5-Aug	31		213%			20%				
12-Aug	32		213%			20%				
19-Aug	33		213%			20%				
26-Aug	34		213%	213%	20%	20%				
2-Sep	35		213%	213%	20%	20%				
9-Sep	36		213%	213%	20%	20%				
16-Sep	37			213%	20%	20%				
23-Sep	38			213%	20%	20%				
30-Sep	39			213%	20%	20%				
7-Oct	40				20%	20%				
14-Oct	41				20%	20%				
21-Oct	42				20%	20%				
28-Oct	43				20%	20%				
Nov					20%			20%		
Dec					20%			20%		

EFNs and Critical Flows for Inkaneep Creek

	Okanagan Tennant EFN					WUW EFN (m^3/s)					FINAL EFN		CRITICAL FLOWS (m^3/s)				
Week Ending	EFN - all factors (%LTMAD)	EFN based on flow standards (m^3/s)	Nat. median weekly Q (m^3/s)	Discharge m^3/s	%LTMAD	Rainbow & Chinook rearing; insect production	Steelhead Spawning	Rainbow spawning	Chinook Spawning	FINAL	**Value (m^3/s)**	Dominant Species / Life Stage	O. Mykiss and Chinook rearing & overwintering	Steelhead spawning	Rainbow spawning	Chinook Spawning	**FINAL**
Jan	20%	0.072	0.080	0.080	22%						**0.080**	overwintering egg incubation	0.030				**0.030**
Feb	20%	0.072	0.075	0.075	21%						**0.075**	overwintering egg incubation	0.030				**0.030**
Mar	20%	0.072	0.095	0.095	26%						**0.095**	overwintering egg incubation	0.030				**0.030**
1-Apr	213%	0.771	0.130	0.130	36%		0.771			0.771	**0.130**	ST spawning	0.030	0.130			**0.130**
8-Apr	213%	0.771	0.164	0.164	45%		0.771			0.771	**0.164**	ST spawning	0.030	0.164			**0.164**
15-Apr	213%	0.771	0.235	0.235	65%		0.771			0.771	**0.235**	ST spawning	0.030	0.235			**0.235**
22-Apr	213%	0.771	0.427	0.427	118%	0.136	0.771			0.771	**0.427**	ST spawning	0.030	0.427			**0.427**
29-Apr	213%	0.771	0.765	0.765	212%	0.136	0.771			0.771	**0.765**	ST spawning	0.030	0.468			**0.468**
6-May	213%	0.771	0.919	0.771	213%	0.136	0.771			0.771	**0.771**	ST spawning	0.030	0.468			**0.468**
13-May	213%	0.771	0.883	0.771	213%	0.136	0.771			0.771	**0.771**	ST spawning	0.030	0.468	0.468		**0.468**
20-May	213%	0.771	1.267	0.771	213%	0.136	0.771	0.771		0.771	**0.771**	ST spawning	0.030	0.468	0.468		**0.468**
27-May	2380%	8.612	1.539	1.539	425%	0.136	0.771	0.771		0.771	**1.539**	Ecosystem	0.030	0.468	0.468		**0.468**
3-Jun	2380%	8.612	1.862	1.862	515%	0.136	0.771	0.771		0.771	**1.862**	Ecosystem	0.030	0.468	0.468		**0.468**
10-Jun	213%	0.771	1.250	0.771	213%	0.136	0.771	0.771		0.771	**0.771**	ST spawning	0.030	0.468	0.468		**0.468**
17-Jun	213%	0.771	1.122	0.771	213%	0.136	0.771	0.771		0.771	**0.771**	ST spawning	0.030	0.468	0.468		**0.468**
24-Jun	213%	0.771	0.960	0.771	213%	0.136		0.771		0.771	**0.771**	RB Spawning	0.030	0.468	0.468		**0.468**
1-Jul	213%	0.771	0.766	0.766	212%	0.136		0.771		0.771	**0.766**	RB Spawning	0.030	0.468	0.468	0.693	**0.693**
8-Jul	213%	0.771	0.502	0.502	139%	0.136		0.771		0.771	**0.502**	RB Spawning	0.030	0.468	0.468	0.502	**0.502**
15-Jul	213%	0.771	0.388	0.388	107%	0.136				0.136	**0.388**	CH Migration	0.030			0.388	**0.388**
22-Jul	213%	0.771	0.342	0.342	95%	0.136				0.136	**0.342**	CH Migration	0.030			0.342	**0.342**
29-Jul	213%	0.771	0.244	0.244	68%	0.136				0.136	**0.244**	CH Migration	0.030			0.244	**0.244**
5-Aug	213%	0.771	0.180	0.180	50%	0.136				0.136	**0.180**	CH Migration	0.030			0.180	**0.180**
12-Aug	213%	0.771	0.156	0.156	43%	0.136				0.136	**0.156**	CH Migration	0.030			0.156	**0.156**
19-Aug	213%	0.771	0.126	0.126	35%	0.136				0.136	**0.126**	CH Migration	0.030			0.126	**0.126**
26-Aug	213%	0.771	0.139	0.139	38%	0.136			0.139	0.139	**0.139**	CH spawning	0.030			0.139	**0.139**
2-Sep	213%	0.771	0.133	0.133	37%	0.136			0.133	0.136	**0.133**	CH spawning	0.030			0.133	**0.133**
9-Sep	213%	0.771	0.109	0.109	30%	0.136			0.109	0.136	**0.109**	CH spawning	0.030			0.109	**0.109**
16-Sep	213%	0.771	0.090	0.090	25%	0.136			0.090	0.136	**0.090**	CH spawning	0.030			0.090	**0.090**
23-Sep	213%	0.771	0.091	0.091	25%	0.136			0.091	0.136	**0.091**	CH spawning	0.030			0.091	**0.091**
30-Sep	213%	0.771	0.091	0.091	25%	0.136			0.091	0.136	**0.091**	CH spawning	0.030			0.091	**0.091**
7-Oct	20%	0.072	0.082	0.082	23%	0.136				0.136	**0.082**	juvenile rearing	0.030				**0.030**
14-Oct	20%	0.072	0.072	0.072	20%	0.136				0.136	**0.072**	juvenile rearing	0.030				**0.030**
21-Oct	20%	0.072	0.089	0.089	25%	0.136				0.136	**0.089**	juvenile rearing	0.030				**0.030**
28-Oct	20%	0.072	0.089	0.089	25%	0.136				0.136	**0.089**	juvenile rearing	0.030				**0.030**
Nov	20%	0.072	0.108	0.108	30%						**0.108**	overwintering egg incubation	0.030				**0.030**
Dec	20%	0.072	0.082	0.082	23%						**0.082**	overwintering egg incubation	0.030				**0.030**

Weighted Usable Width

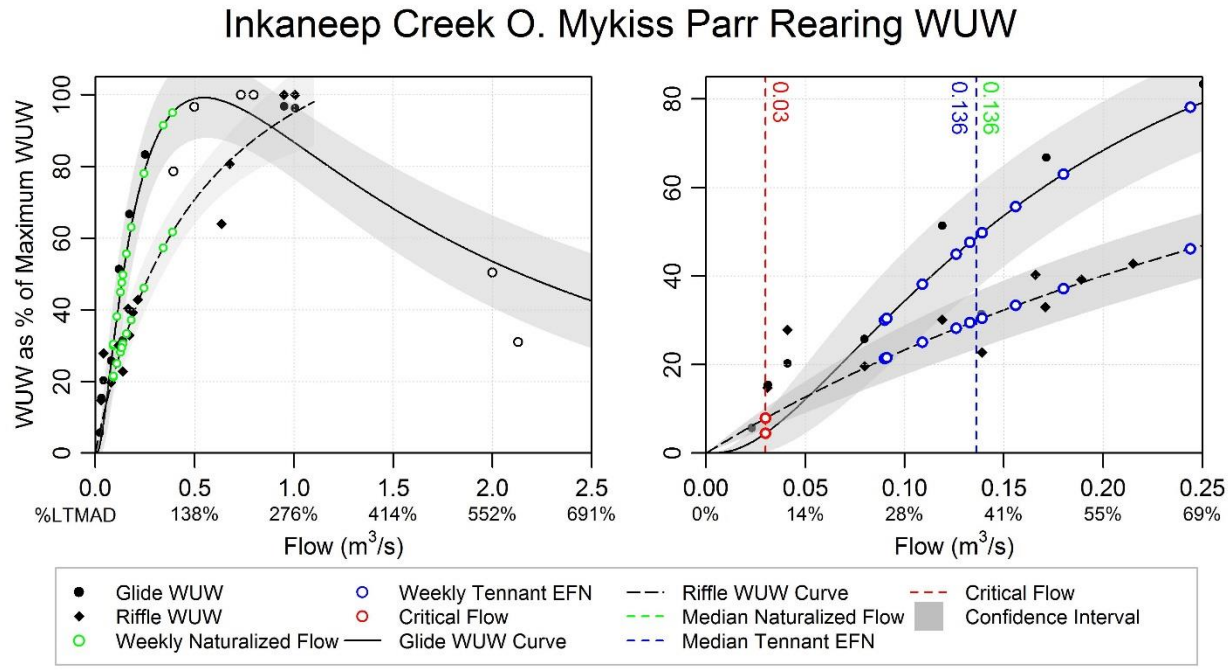


Figure B10-5: WUW curves for Rainbow rearing in Inkaneep Creek for all flows (left) and low flows (right)

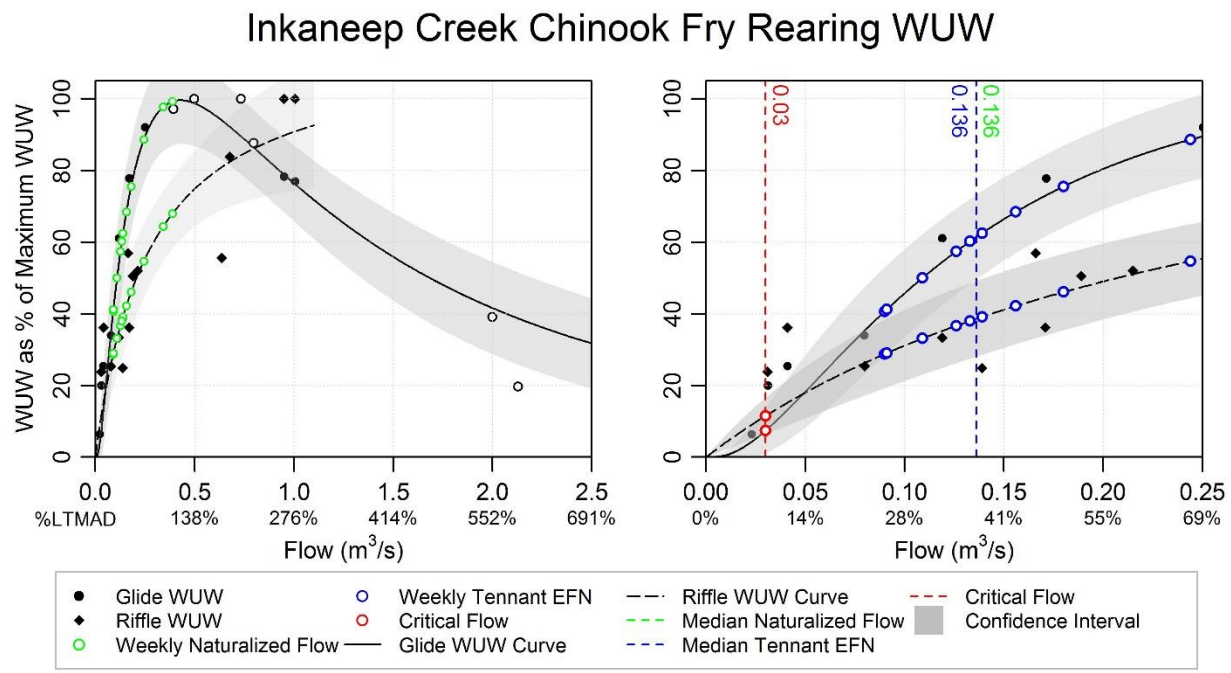
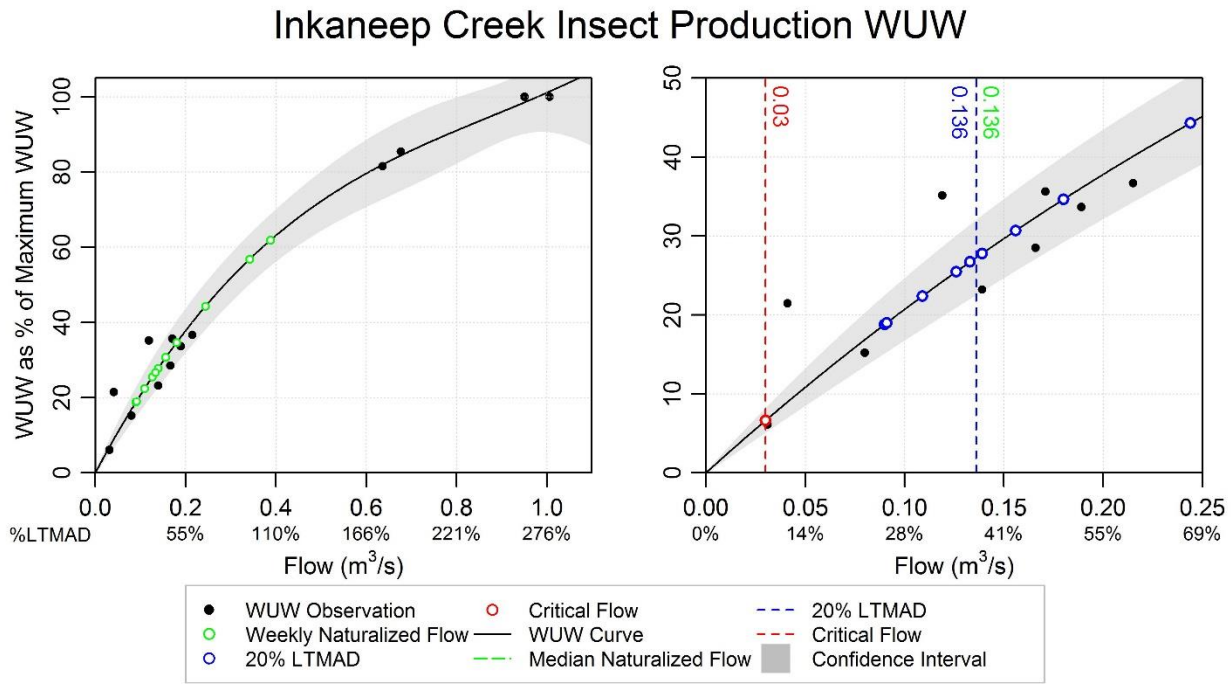
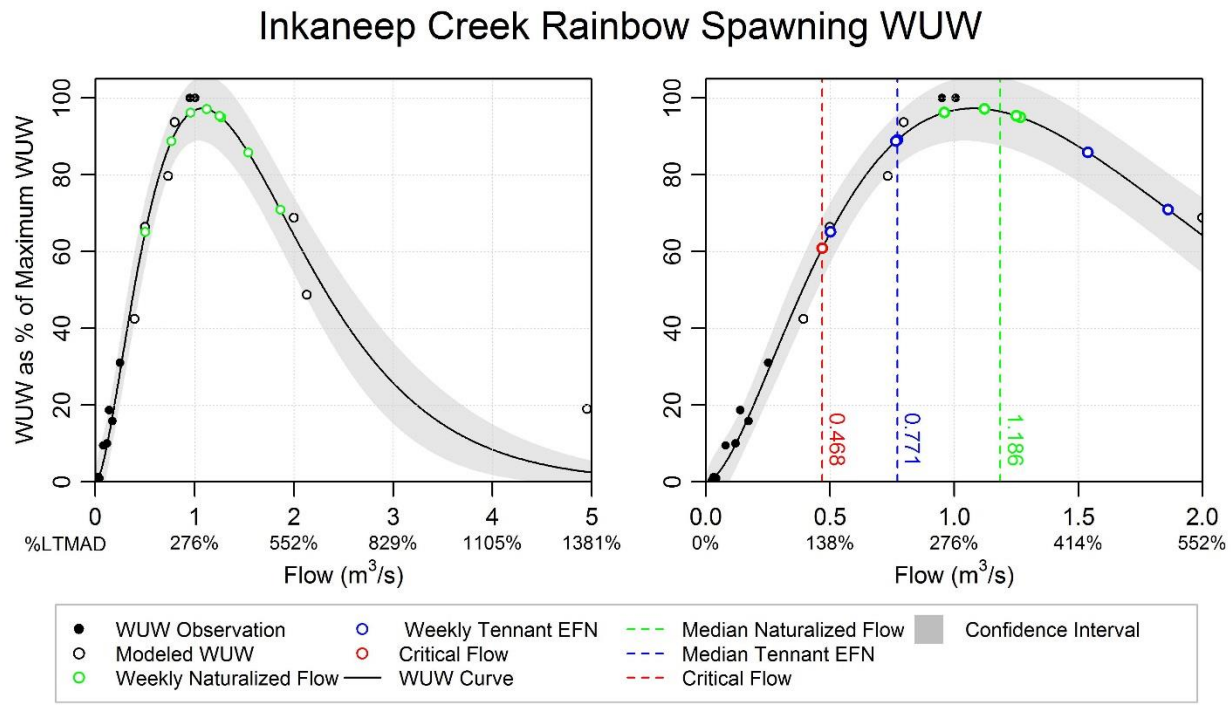


Figure B10-6: WUW curves for Chinook fry rearing in Inkaneep Creek for all flows (left) and low flows (right)



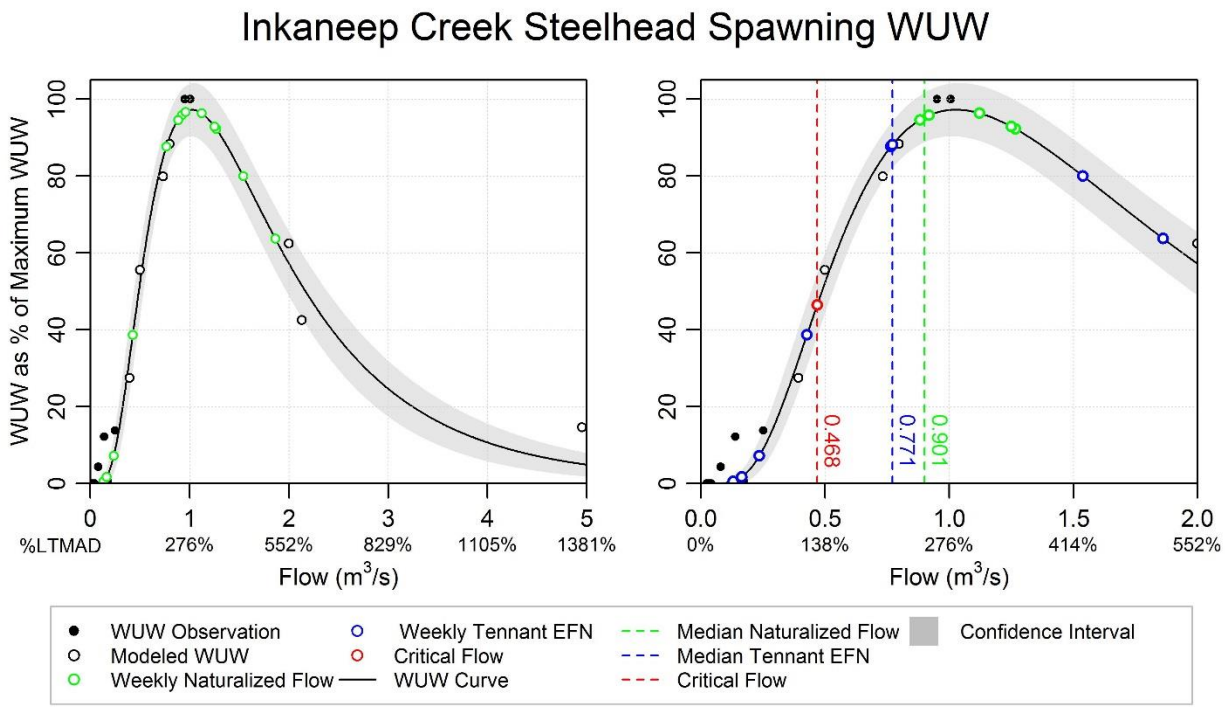
Median values from mid-July to end of September (week 28-39)

Figure B10-7: WUW curves for insect production in Inkaneep Creek for all flows (left) and low flows (right)



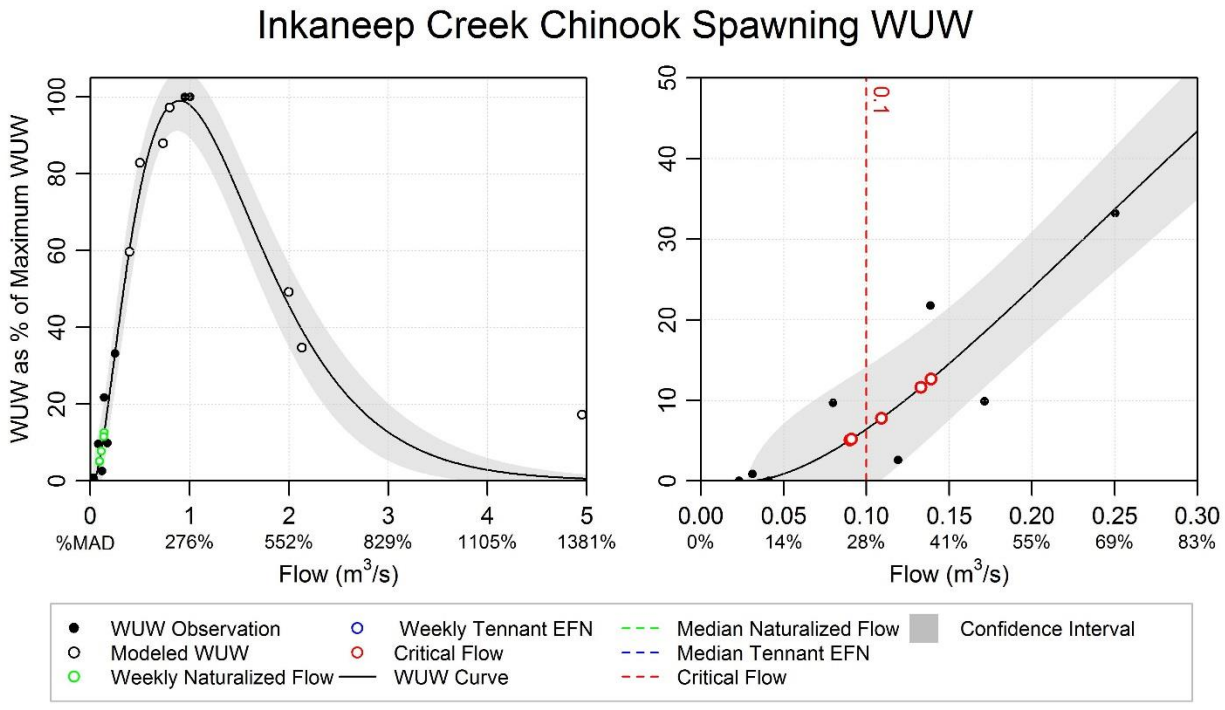
Median values from May 20 to July 10 (week 20-27)

Figure B10-8: WUW curves for Rainbow spawning in Inkaneep Creek for all flows (left) and low flows (right)



Median values from April 1 to June 25 (week 13-25)

Figure B10-9: WUW curves for Steelhead spawning in Inkaneep Creek for all flows (left) and low flows (right)



Median values from August 27 to September 30 (week 34-39)

Figure B10-10: WUW curves for Chinook spawning in Inkaneep Creek for all flows (left) and low flows (right)

Critical Flows

Table B10-1: Critical flow analysis for Inkaneep Creek

Species / Life stage	Critical Flow Criteria	INK10SCR2016		INK45SCR2016		Average	
		(m^3/s)	%LTMAD	(m^3/s)	%LTMAD	(m^3/s)	%LTMAD
	Naturalized LTMAD	0.362	100%	0.362	100%		
	Wetted Width at 100% LTMAD (m)	4.63		5.74			
Insect production, Rainbow rearing & overwintering	60% of width at 100% LTMAD	0.026	7%	0.033	9%	0.030	8%
Chinook migration & spawning	> 25% of width at 100% LTMAD is ≥0.24m deep	0.667	184%	0.719	199%	0.693	191%
Rainbow & Steelhead spawning	> 25% of width at 100% LTMAD is ≥0.18m deep	0.433	120%	0.502	139%	0.468	129%

Table B10-2: Final critical flows for Inkaneep Creek

Species/Life stage	Final Critical Flow (m^3/s)	%LTMAD	Criteria Used
Rainbow rearing & insect production	0.030	8%	60% max wetted width
Rainbow & Steelhead spawning	0.468	129%	0.18m depth criterion
Chinook migration	0.212	59%	Naturalized median weekly flow
Chinook spawning	0.091	25%	Naturalized median weekly flow
Salmonid overwintering	0.030	8%	60% max wetted width

Table B10-3: 30 day naturalized low flows for Summer and Winter provided by Associated (2019)

	(m^3/s)	%LTMAD
Summer (July 1 to September 30) Minimum		
Summer 1:2-year return period 30 Day Naturalized Low	0.081	22
Summer 1:5-year return period 30 Day Naturalized Low	0.036	10
Summer 1:10-year return period 30 Day Naturalized Low	0.019	5
Summer 1:20-year return period 30 Day Naturalized Low	0.016	4
Winter (November 1 to March 31) Minimum		
Winter 1:2-year return period 30 Day Naturalized Low	0.071	20
Winter 1:5-year return period 30 Day Naturalized Low	0.051	14
Winter 1:10-year return period 30 Day Naturalized Low	0.043	12
Winter 1:20-year return period 30 Day Naturalized Low	0.038	10

Percentile Flows for Inkaneep Creek

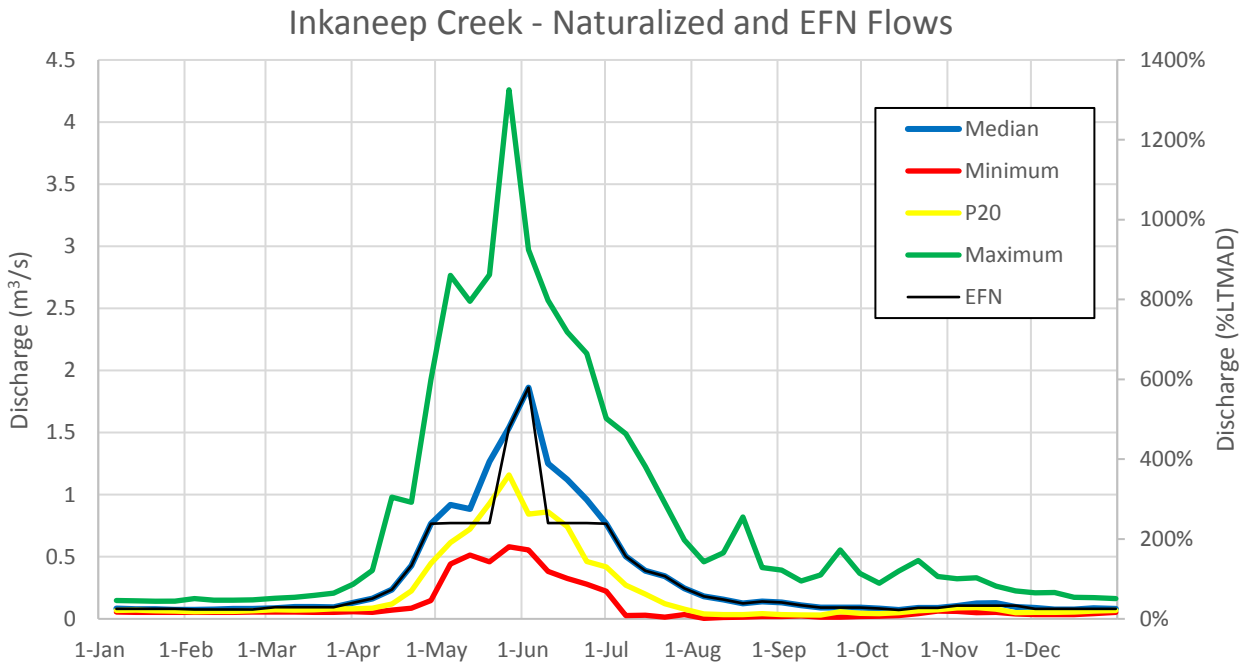


Figure B10-11: EFNs compared with naturalized flow percentiles for Inkaneep Creek (Discharge & %LTMAD)

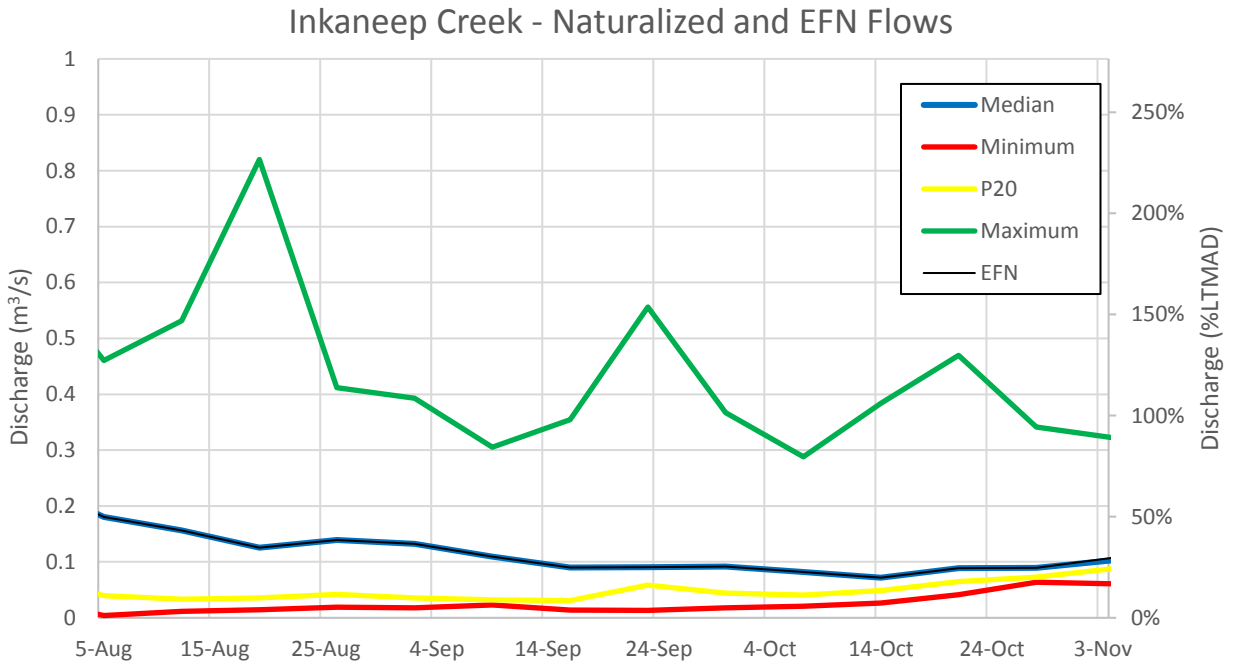


Figure B10-12: EFNs compared with naturalized flow percentiles for Inkaneep Creek Aug-Nov (Discharge & %LTMAD)

Naturalized Percentile Flows for Inkaneep Creek

NATURALIZED FLOW		as m^3/s				as %LTMAD			
Week	Ending	Min	P20	Median	Max	Min	P20	Median	Max
01	7-Jan	0.055	0.067	0.084	0.148	15%	19%	23%	41%
02	14-Jan	0.053	0.071	0.079	0.145	15%	20%	22%	40%
03	21-Jan	0.051	0.065	0.077	0.142	14%	18%	21%	39%
04	28-Jan	0.051	0.062	0.074	0.142	14%	17%	20%	39%
05	4-Feb	0.053	0.057	0.074	0.164	15%	16%	20%	45%
06	11-Feb	0.053	0.061	0.075	0.149	15%	17%	21%	41%
07	18-Feb	0.053	0.061	0.081	0.150	15%	17%	22%	41%
08	25-Feb	0.054	0.064	0.080	0.153	15%	18%	22%	42%
09	4-Mar	0.055	0.073	0.087	0.165	15%	20%	24%	45%
10	11-Mar	0.054	0.071	0.095	0.174	15%	20%	26%	48%
11	18-Mar	0.053	0.072	0.097	0.188	15%	20%	27%	52%
12	25-Mar	0.051	0.080	0.094	0.208	14%	22%	26%	57%
13	1-Apr	0.056	0.081	0.130	0.279	16%	22%	36%	77%
14	8-Apr	0.053	0.085	0.164	0.389	15%	24%	45%	107%
15	15-Apr	0.070	0.118	0.235	0.979	19%	33%	65%	271%
16	22-Apr	0.087	0.224	0.427	0.939	24%	62%	118%	260%
17	29-Apr	0.149	0.448	0.765	1.925	41%	124%	212%	532%
18	6-May	0.441	0.615	0.919	2.767	122%	170%	254%	765%
19	13-May	0.515	0.723	0.883	2.557	142%	200%	244%	707%
20	20-May	0.459	0.927	1.267	2.771	127%	256%	350%	766%
21	27-May	0.580	1.159	1.539	4.260	160%	320%	425%	1177%
22	3-Jun	0.555	0.843	1.862	2.971	153%	233%	515%	821%
23	10-Jun	0.381	0.861	1.250	2.563	105%	238%	345%	708%
24	17-Jun	0.326	0.743	1.122	2.309	90%	205%	310%	638%
25	24-Jun	0.279	0.462	0.960	2.137	77%	128%	265%	591%
26	1-Jul	0.224	0.420	0.766	1.615	62%	116%	212%	446%
27	8-Jul	0.026	0.272	0.502	1.490	7%	75%	139%	412%
28	15-Jul	0.028	0.198	0.388	1.226	8%	55%	107%	339%
29	22-Jul	0.014	0.122	0.342	0.932	4%	34%	95%	258%
30	29-Jul	0.034	0.079	0.244	0.636	9%	22%	68%	176%
31	5-Aug	0.004	0.040	0.180	0.460	1%	11%	50%	127%
32	12-Aug	0.011	0.033	0.156	0.531	3%	9%	43%	147%
33	19-Aug	0.014	0.035	0.126	0.820	4%	10%	35%	227%
34	26-Aug	0.019	0.042	0.139	0.412	5%	12%	38%	114%
35	2-Sep	0.018	0.036	0.133	0.393	5%	10%	37%	109%
36	9-Sep	0.023	0.032	0.109	0.305	6%	9%	30%	84%
37	16-Sep	0.014	0.031	0.090	0.355	4%	9%	25%	98%
38	23-Sep	0.013	0.058	0.091	0.556	4%	16%	25%	154%
39	30-Sep	0.018	0.044	0.091	0.367	5%	12%	25%	102%
40	7-Oct	0.021	0.041	0.082	0.288	6%	11%	23%	80%
41	14-Oct	0.027	0.049	0.072	0.383	7%	13%	20%	106%
42	21-Oct	0.041	0.065	0.089	0.470	11%	18%	25%	130%
43	28-Oct	0.063	0.073	0.089	0.342	18%	20%	25%	94%
44	4-Nov	0.061	0.088	0.103	0.322	17%	24%	28%	89%
45	11-Nov	0.049	0.091	0.126	0.331	13%	25%	35%	91%
46	18-Nov	0.054	0.079	0.127	0.264	15%	22%	35%	73%
47	25-Nov	0.040	0.049	0.097	0.225	11%	13%	27%	62%
48	2-Dec	0.035	0.052	0.087	0.209	10%	14%	24%	58%
49	9-Dec	0.035	0.053	0.076	0.213	10%	15%	21%	59%
50	16-Dec	0.035	0.055	0.075	0.172	10%	15%	21%	48%
51	23-Dec	0.042	0.063	0.085	0.172	12%	17%	24%	47%
52	31-Dec	0.052	0.067	0.081	0.164	14%	18%	22%	45%

Residual Percentile Flows for Inkaneep Creek

RESIDUAL FLOW		as m^3/s				as %LTMAD			
Week	Ending	Min	P20	Median	Max	Min	P20	Median	Max
01	7-Jan	0.054	0.067	0.084	0.148	15%	19%	23%	41%
02	14-Jan	0.053	0.071	0.079	0.145	15%	20%	22%	40%
03	21-Jan	0.051	0.065	0.077	0.142	14%	18%	21%	39%
04	28-Jan	0.051	0.062	0.074	0.142	14%	17%	20%	39%
05	4-Feb	0.052	0.057	0.073	0.164	14%	16%	20%	45%
06	11-Feb	0.053	0.061	0.075	0.149	15%	17%	21%	41%
07	18-Feb	0.053	0.061	0.081	0.149	15%	17%	22%	41%
08	25-Feb	0.054	0.064	0.080	0.153	15%	18%	22%	42%
09	4-Mar	0.055	0.073	0.087	0.164	15%	20%	24%	45%
10	11-Mar	0.054	0.071	0.095	0.173	15%	20%	26%	48%
11	18-Mar	0.053	0.072	0.097	0.188	15%	20%	27%	52%
12	25-Mar	0.051	0.080	0.094	0.207	14%	22%	26%	57%
13	1-Apr	0.056	0.081	0.130	0.279	16%	22%	36%	77%
14	8-Apr	0.053	0.085	0.164	0.389	15%	24%	45%	107%
15	15-Apr	0.069	0.118	0.235	0.979	19%	33%	65%	270%
16	22-Apr	0.087	0.224	0.427	0.939	24%	62%	118%	260%
17	29-Apr	0.148	0.447	0.765	1.924	41%	124%	211%	532%
18	6-May	0.281	0.456	0.760	2.607	78%	126%	210%	721%
19	13-May	0.355	0.564	0.724	2.398	98%	156%	200%	663%
20	20-May	0.299	0.768	1.107	2.612	83%	212%	306%	722%
21	27-May	0.420	0.999	1.380	4.100	116%	276%	381%	1133%
22	3-Jun	0.394	0.682	1.702	2.811	109%	189%	470%	777%
23	10-Jun	0.219	0.701	1.089	2.402	60%	194%	301%	664%
24	17-Jun	0.164	0.581	0.961	2.148	45%	161%	266%	594%
25	24-Jun	0.116	0.300	0.797	1.976	32%	83%	220%	546%
26	1-Jul	0.061	0.256	0.605	1.454	17%	71%	167%	402%
27	8-Jul	0.022	0.267	0.499	1.487	6%	74%	138%	411%
28	15-Jul	0.024	0.195	0.384	1.223	7%	54%	106%	338%
29	22-Jul	0.010	0.119	0.338	0.928	3%	33%	93%	256%
30	29-Jul	0.029	0.075	0.240	0.631	8%	21%	66%	174%
31	5-Aug	0.000	0.035	0.176	0.457	0%	10%	49%	126%
32	12-Aug	0.007	0.029	0.151	0.529	2%	8%	42%	146%
33	19-Aug	0.011	0.032	0.121	0.817	3%	9%	33%	226%
34	26-Aug	0.015	0.039	0.135	0.409	4%	11%	37%	113%
35	2-Sep	0.015	0.032	0.129	0.389	4%	9%	36%	108%
36	9-Sep	0.020	0.029	0.106	0.303	6%	8%	29%	84%
37	16-Sep	0.011	0.029	0.087	0.354	3%	8%	24%	98%
38	23-Sep	0.011	0.056	0.089	0.555	3%	15%	25%	153%
39	30-Sep	0.016	0.043	0.091	0.366	4%	12%	25%	101%
40	7-Oct	0.020	0.041	0.082	0.287	5%	11%	23%	79%
41	14-Oct	0.026	0.048	0.072	0.383	7%	13%	20%	106%
42	21-Oct	0.041	0.065	0.089	0.470	11%	18%	24%	130%
43	28-Oct	0.063	0.073	0.089	0.341	17%	20%	25%	94%
44	4-Nov	0.060	0.088	0.103	0.322	17%	24%	28%	89%
45	11-Nov	0.049	0.091	0.126	0.331	13%	25%	35%	91%
46	18-Nov	0.053	0.079	0.127	0.264	15%	22%	35%	73%
47	25-Nov	0.040	0.048	0.097	0.224	11%	13%	27%	62%
48	2-Dec	0.035	0.052	0.087	0.209	10%	14%	24%	58%
49	9-Dec	0.035	0.053	0.076	0.213	10%	15%	21%	59%
50	16-Dec	0.035	0.055	0.075	0.172	10%	15%	21%	48%
51	23-Dec	0.041	0.063	0.085	0.171	11%	17%	23%	47%
52	31-Dec	0.052	0.067	0.081	0.164	14%	18%	22%	45%

Maximum Licensed Percentile Flows for Inkaneep Creek

MAX LICENSED FLOW		as m^3/s				as %LTMAD			
Week	Ending	Min	P20	Median	Max	Min	P20	Median	Max
01	7-Jan	0.054	0.067	0.084	0.148	15%	19%	23%	41%
02	14-Jan	0.053	0.071	0.079	0.145	15%	20%	22%	40%
03	21-Jan	0.051	0.065	0.077	0.142	14%	18%	21%	39%
04	28-Jan	0.051	0.062	0.073	0.142	14%	17%	20%	39%
05	4-Feb	0.052	0.057	0.073	0.164	14%	16%	20%	45%
06	11-Feb	0.052	0.061	0.075	0.149	14%	17%	21%	41%
07	18-Feb	0.053	0.061	0.081	0.149	15%	17%	22%	41%
08	25-Feb	0.054	0.064	0.080	0.153	15%	18%	22%	42%
09	4-Mar	0.055	0.073	0.086	0.164	15%	20%	24%	45%
10	11-Mar	0.054	0.071	0.095	0.173	15%	20%	26%	48%
11	18-Mar	0.053	0.072	0.096	0.188	15%	20%	27%	52%
12	25-Mar	0.051	0.079	0.093	0.207	14%	22%	26%	57%
13	1-Apr	0.056	0.081	0.130	0.279	15%	22%	36%	77%
14	8-Apr	0.051	0.084	0.162	0.387	14%	23%	45%	107%
15	15-Apr	0.068	0.116	0.233	0.977	19%	32%	64%	270%
16	22-Apr	0.085	0.222	0.426	0.938	24%	61%	118%	259%
17	29-Apr	0.147	0.446	0.764	1.923	41%	123%	211%	531%
18	6-May	0.280	0.454	0.758	2.606	77%	126%	210%	720%
19	13-May	0.354	0.562	0.722	2.397	98%	155%	200%	662%
20	20-May	0.298	0.766	1.106	2.610	82%	212%	306%	721%
21	27-May	0.322	0.938	1.372	4.085	89%	259%	379%	1129%
22	3-Jun	0.246	0.587	1.680	2.750	68%	162%	464%	760%
23	10-Jun	0.000	0.612	0.965	2.227	0%	169%	267%	615%
24	17-Jun	0.000	0.400	0.804	1.914	0%	110%	222%	529%
25	24-Jun	0.000	0.066	0.526	1.778	0%	18%	145%	491%
26	1-Jul	0.000	0.000	0.401	1.316	0%	0%	111%	364%
27	8-Jul	0.000	0.000	0.193	1.298	0%	0%	53%	359%
28	15-Jul	0.000	0.000	0.030	0.879	0%	0%	8%	243%
29	22-Jul	0.000	0.000	0.000	0.474	0%	0%	0%	131%
30	29-Jul	0.000	0.000	0.000	0.185	0%	0%	0%	51%
31	5-Aug	0.000	0.000	0.000	0.051	0%	0%	0%	14%
32	12-Aug	0.000	0.000	0.000	0.243	0%	0%	0%	67%
33	19-Aug	0.000	0.000	0.000	0.505	0%	0%	0%	140%
34	26-Aug	0.000	0.000	0.000	0.053	0%	0%	0%	15%
35	2-Sep	0.000	0.000	0.000	0.049	0%	0%	0%	13%
36	9-Sep	0.000	0.000	0.000	0.083	0%	0%	0%	23%
37	16-Sep	0.000	0.000	0.000	0.273	0%	0%	0%	76%
38	23-Sep	0.000	0.000	0.000	0.477	0%	0%	0%	132%
39	30-Sep	0.000	0.000	0.030	0.262	0%	0%	8%	72%
40	7-Oct	0.000	0.022	0.049	0.240	0%	6%	13%	66%
41	14-Oct	0.003	0.046	0.071	0.370	1%	13%	20%	102%
42	21-Oct	0.027	0.064	0.088	0.469	7%	18%	24%	130%
43	28-Oct	0.063	0.072	0.089	0.341	17%	20%	25%	94%
44	4-Nov	0.060	0.088	0.103	0.321	17%	24%	28%	89%
45	11-Nov	0.048	0.091	0.125	0.330	13%	25%	35%	91%
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52	31-Dec	0.051	0.066	0.081	0.164	14%	18%	22%	45%