

2/4/2020

Chairman Morisky and Members of the Alaska Board of Fish,

I am submitting ADF&G data to support proposals 175 and 176. These two proposals ask for additional fishing time on North Kalifonsky Beach (NKB), to harvest "beach orientated" Kasilof sockeye stocks that are abundant on NKB.

During the 2019 salmon season in Upper Cook Inlet, the 600 ft fishery of North Kalifonsky Beach was fished three openings.

Genetic data was collected from the openings on 7/13 and 7/21. The data clearly shows the abundance of Kasilof stocks on NKB.

With most fishermen, fishing select gear, 59.5% of the sockeye harvest on those dates were Kasilof River stocks.

If proposal 175 was passed that percentage would be considerably higher.

Gary L. Hollier

Kenai, Ak

Appendix D1.—Upper Subdistrict set gillnet (Central District), 2019: Stock composition (%) and stock-specific harvest estimates, including the final number of samples used in the genetic analysis (*n*), mean, 90% credibility interval (CI), and standard deviation (SD).

All sections (excluding July 13 and 21 periods)								
Dates: 6/27–8/3	Stock Composition ( <i>n</i> = 347)				Harvest = 741,865			
Reporting Group	Mean	90% CI		SD	Mean	90% CI		SD
		5%	95%			5%	95%	
<i>Crescent</i>	0.5	0.0	2.4	0.9	3,382	0	18,062	6,800
<i>West</i>	1.2	0.0	4.3	1.6	8,870	0	31,963	11,515
<i>JCL</i>	0.3	0.0	1.0	0.4	2,024	0	7,675	2,845
<i>SusYen</i>	0.1	0.0	0.8	0.4	1,008	0	6,150	2,846
<i>Fish</i>	0.4	0.0	1.8	0.6	3,200	0	13,003	4,564
<i>KTNE</i>	1.0	0.0	3.2	1.1	7,300	0	23,728	8,156
<i>Kenai</i>	85.7	80.6	90.2	3.0	635,475	597,751	669,382	22,509
<i>Kasilof</i>	10.9	6.8	15.5	2.7	80,607	50,449	114,738	19,678

Kasilof Section half-mile <sup>a</sup>								
Dates: 7/13 & 7/21	Stock Composition ( <i>n</i> = 368)				Harvest = 31,111			
Reporting Group	Mean	90% CI		SD	Mean	90% CI		SD
		5%	95%			5%	95%	
<i>Crescent</i>	0.4	0.0	1.8	0.7	121	0	574	206
<i>West</i>	1.3	0.0	5.9	2.0	390	0	1,845	620
<i>JCL</i>	0.1	0.0	0.8	0.3	43	0	243	102
<i>SusYen</i>	8.3	4.5	12.6	2.5	2,598	1,390	3,930	771
<i>Fish</i>	0.9	0.1	2.3	0.7	283	16	703	218
<i>KTNE</i>	0.8	0.0	3.1	1.1	247	0	958	331
<i>Kenai</i>	60.9	54.7	67.0	3.8	18,942	17,023	20,830	1,169
<i>Kasilof</i>	27.3	21.9	32.6	3.3	8,487	6,806	10,134	1,015

Kenai Section, North K-Beach 600ft <sup>b</sup>								
Dates: 7/13 & 7/21	Stock Composition ( <i>n</i> = 367)				Harvest = 11,303			
Reporting Group	Mean	90% CI		SD	Mean	90% CI		SD
		5%	95%			5%	95%	
<i>Crescent</i>	0.7	0.0	2.9	1.0	80	0	326	112
<i>West</i>	1.1	0.0	5.5	1.9	129	0	627	215
<i>JCL</i>	0.1	0.0	0.7	0.3	14	0	79	32
<i>SusYen</i>	0.3	0.0	1.6	0.6	37	0	181	70
<i>Fish</i>	0.2	0.0	0.9	0.4	19	0	107	40
<i>KTNE</i>	1.9	0.0	4.6	1.5	210	0	524	175
<i>Kenai</i>	36.2	30.9	41.4	3.2	4,086	3,496	4,685	361
<i>Kasilof</i>	59.5	54.3	64.5	3.2	6,727	6,136	7,295	359

Note: The 90% credibility intervals of harvest estimates may not include the point estimate for the very low harvest estimates.

Note: Stock composition and harvest estimates may not sum to 100% due to rounding errors.

<sup>a</sup> This mixture represents fishing periods restricted to within half-mile of the mean high tide mark

<sup>b</sup> This mixture represents fishing periods restricted to within 600 feet of the mean high tide mark.

Gary Hallier #175