



THE STATE  
of ALASKA

GOVERNOR SEAN PARNELL

Department of  
Fish and Game

DIVISIONS OF SPORT FISH & COMMERCIAL FISHERIES

Central Region Office  
333 Raspberry Road  
Anchorage, AK 99518-1565  
Main: 907.267.2105  
Fax: 907.267.2442

MEMORANDUM

TO: Jeff Regnart, Director  
Division of Commercial Fisheries

Handwritten signature of Jeff Regnart.

DATE: October 26, 2012

Charles O. Swanton, Director  
Division of Sport Fish

Handwritten signature of Charles O. Swanton.

THRU: Tracy Lingnau, Regional Supervisor  
Division of Commercial Fisheries, Region II

SUBJECT: Bristol Bay  
Escapement Goal  
Memo

James J. Hasbrouck, Regional Supervisor  
Division of Sport Fish, Region II

FROM: Lowell Fair, Regional Research Coordinator  
Division of Commercial Fisheries, Region II

Jack W. Erickson, Regional Research Coordinator  
Division of Sport Fish, Region II

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The purpose of this memo is to inform you of our progress in reviewing and recommending escapement goals for Bristol Bay. In February 2012, an interdivisional salmon escapement goal committee, including staff from the divisions of Commercial Fisheries and Sport Fish, initially met to discuss salmon escapement goals in the Bristol Bay Management Area. Since then, historical sockeye salmon brood tables have been updated with recent information and reconstructed using genetic stock-specific markers used to allocate commercial harvests.

The committee's review of Bristol Bay escapement goals is complete. Recommended changes to the goals are summarized in Table 1. Details of how we formed these recommendations will be described in oral and written reports presented to the Alaska Board of Fisheries (board) in December 2012. Subsequent to the December board meeting, a follow-up memo will be prepared to include escapement goal recommendations to division directors for final approval.

Bristol Bay Escapement Goal Memo

**Table 1.—Summary of current escapement goals and recommended escapement goals for salmon stocks in Bristol Bay, 2012.**

System	Current Escapement Goal			Recommended Escapement Goal			
	Goal	Type	Year Adopted	Escapement Data	Action	Goal	Type
<b>King Salmon</b>							
Alagnak	2,700 minimum	SEG	2007	Aerial	No Change		
Egegik	450 minimum	SEG	2007	Aerial	Drop		
Naknek	5,000 minimum	SEG	2007	Aerial	No Change		
Nushagak	40,000–80,000	SEG	2007	Sonar	Change in range	55,000–120,000	SEG
Togiak	9,300 minimum	SEG	2007	Aerial	Drop		
<b>Chum Salmon</b>							
Nushagak	190,000 minimum	SEG	2007	Sonar	Change in range	200,000 minimum	SEG
<b>Coho Salmon</b>							
Nushagak	50,000–100,000	SEG	2007	Sonar	New Goal	60,000–120,000	SEG
<b>Pink Salmon</b>							
Nushagak				Sonar	New Goal	165,000 minimum	SEG
<b>Sockeye Salmon</b>							
Alagnak	320,000 minimum	SEG	2007	Tower	No Change		
Egegik	800,000–1,400,000	SEG	1995; Changed to SEG in 2007	Tower	Change in range	900,000–2,000,000	SEG
Igushik	150,000–300,000	SEG	2001; Changed to SEG in 2007	Tower	Change in range and type	200,000–400,000	BEG
Kvichak	2,000,000–10,000,000	SEG	One goal for all years in 2010	Tower	No Change		
Kulukak Bay	8,000 minimum	SEG	2007	Aerial	Drop		
Naknek	800,000–1,400,000	SEG	1983; Changed to SEG in 2007	Tower	Change in range and type	900,000–2,000,000	BEG
Nushagak	340,000–760,000	SEG	1998; Changed to SEG in 2007	Sonar	Change in range and type	400,000–900,000	BEG
Togiak	120,000–270,000	BEG	2007; Changed to SEG in 2010	Tower	No Change		
Ugashik	500,000–1,200,000	SEG	1995; Changed to SEG in 2007	Tower	Change in range	600,000–1,400,000	SEG
Wood	700,000–1,500,000	SEG	2001; Changed to SEG in 2007	Tower	Change in range and type	800,000–1,800,000	BEG