

City of Manokoatak's Hearing Exhibits

- M-1 Map of Manokotak and Territory Proposed for Annexation.
- M-2 Manokotak Family Set Net Sites at Igushik Village, 2015.
- M-3 Subsistence Harvest Area South of Manokotak.
- M-4 Native Corporation Land Status Near Igushik, 2012.
- M-5 Photograph of Igushik Village Area.
- M-6 Photograph of Igushik Village Area.
- M-7 Photograph of Igushik Village Area.
- M-8 Photograph of Igushik Village Area.
- M-9 Photograph of Igushik Village Area.
- M-10 Housing Occupancy in Manokotak/Igushik Area.
- M-11 Population History of Manokotak, 1950 – 2014.
- M-12 Group of 16 Photographs Depicting Commercial Fishing and Subsistence Activity in Igushik Area.
- M-13 Comparative Square Mileage and Population Density of Other Cites Which Have Annexed or Incorporated Nearby Commercial Fishing Waters.
- M-14 Projected Revenues of City of Manokotak Following Proposed Annexation.
- M-15 Projected Expenditures of City of Manokotak Following Proposed Annexation.
- M-16 Potential Funding Sources for Small Capital Projects Following Proposed Annexation.
- M-17 Table, Commercial Sockeye Salmon Catch by River System in Nugushak Commercial District, 2005 – 14.
- M-18 Pie Chart Depicting Commercial Sockeye Salmon Catch, in Nugushak Bay, by River System.
- M-19 Two Tables Depicting Manokotak Resident Fishing Permits and Earnings.
- M-20 2014 Permit and Fishing Activity for Manokotak Set Net and Drift Net Permits.

- M-21 (2 pages) ADF&G Series A Fish Ticket Form.
- M-22 (2 pages) ADF&G Series A Fish Ticket Form, for Bristol Bay Area.
- M-23 Map of Nugushak Commercial District Boundaries.

City of Manokotak's Demonstrative Exhibits

- M-24 Table comparing Manokotak resident's percentage of commercial fish harvest with total harvest from Igushik Section, with the percentage resident harvest of total harvest of fishery areas included in other city boundaries approved by the LBC for incorporations or annexations.
- M-25 Map showing some of Native corporation property in Igushik area.
- M-26 Photograph showing one of several trash piles in Igushik area.
- M-27 Aerial view photograph of Ekuk ice machines.
- M-28 Photograph of lower end of ramp at Weary River boat ramp.
- M-29 Photograph of Weary River boat ramp.
- M-30 Photograph of Weary River boat ramp area.

Exhibit A-4.1 City of Manokotak and Territory Proposed for Annexation

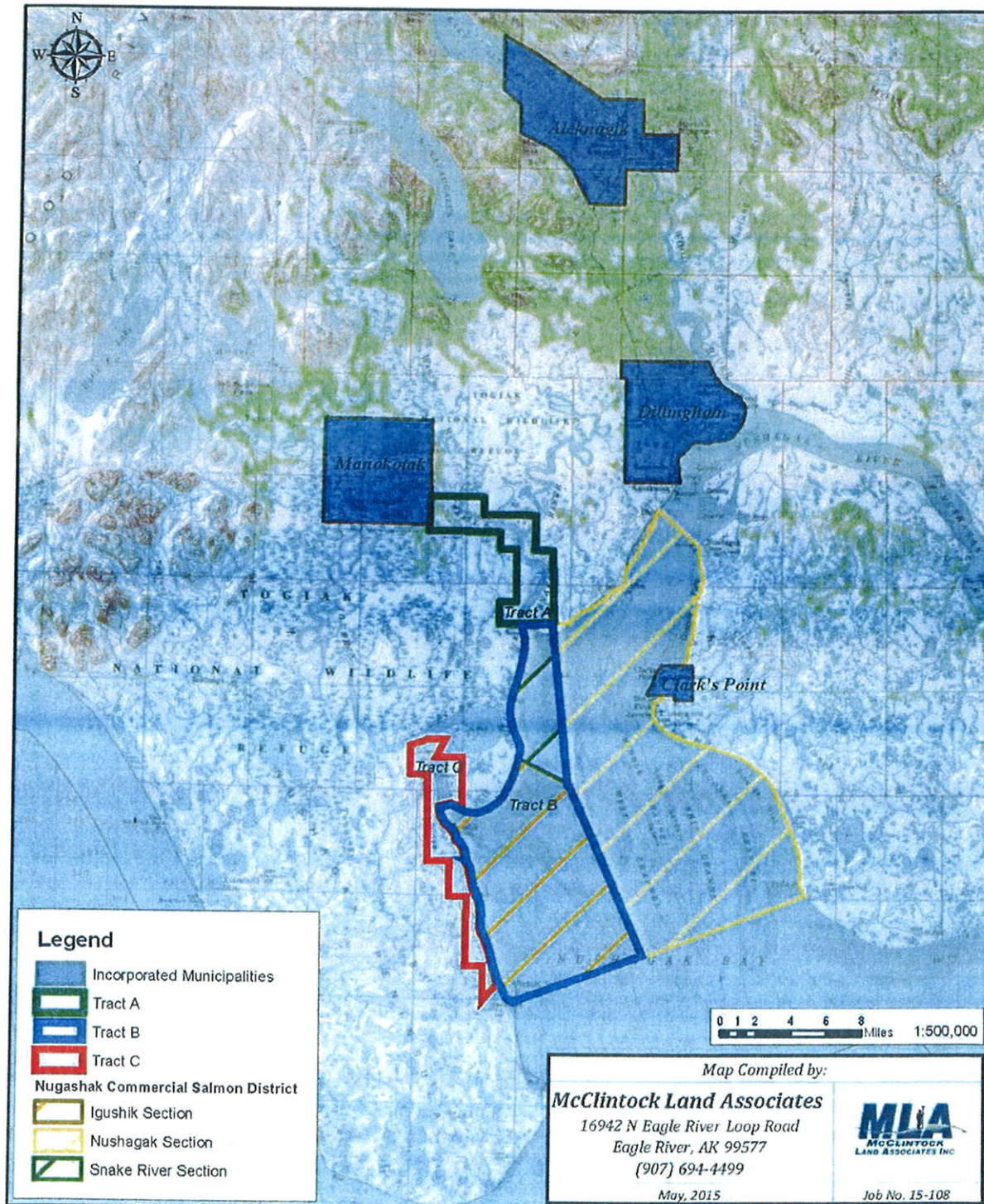


Figure 3
Manokotak Family Set Net Sites at Igushik Village, 2015

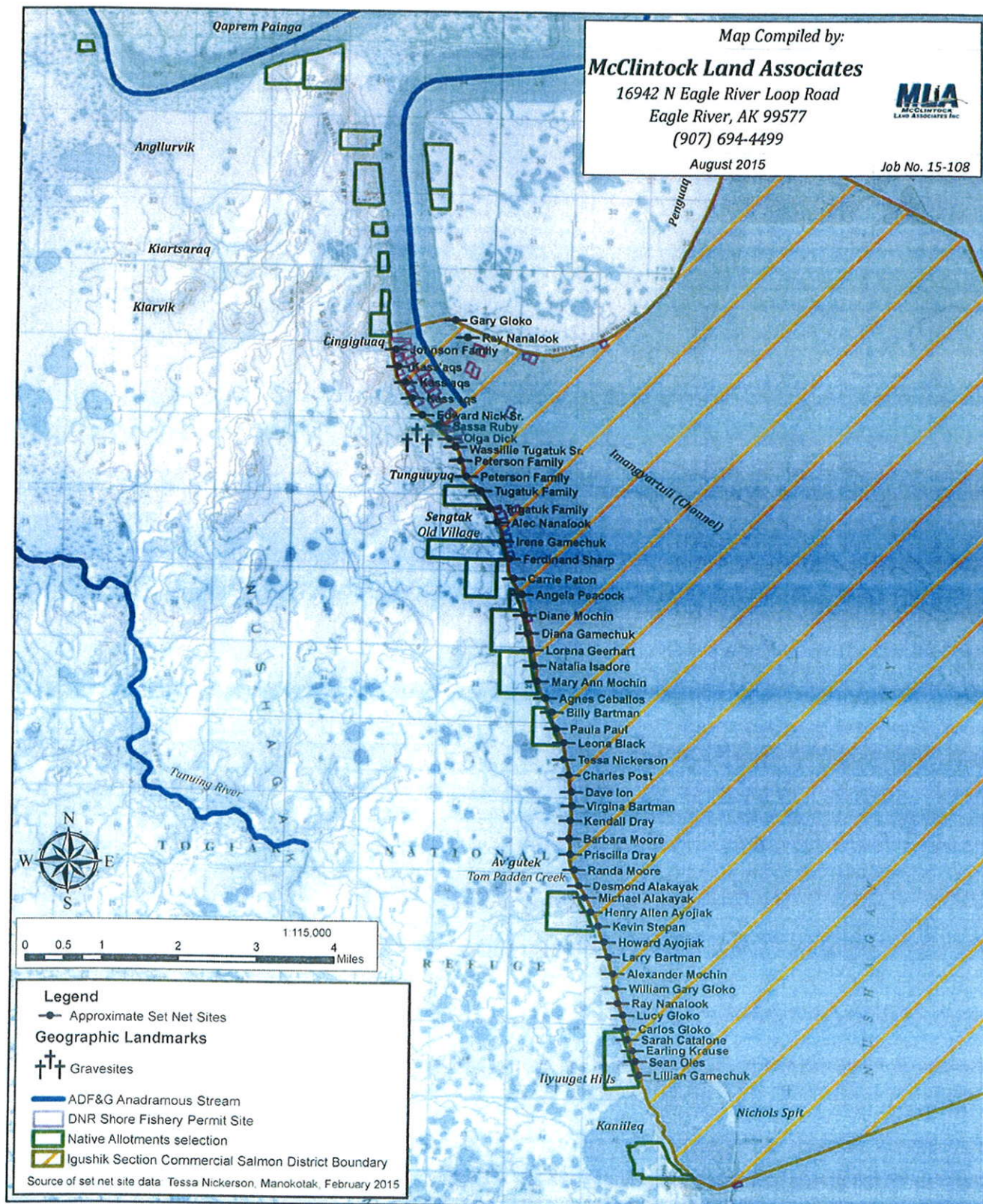
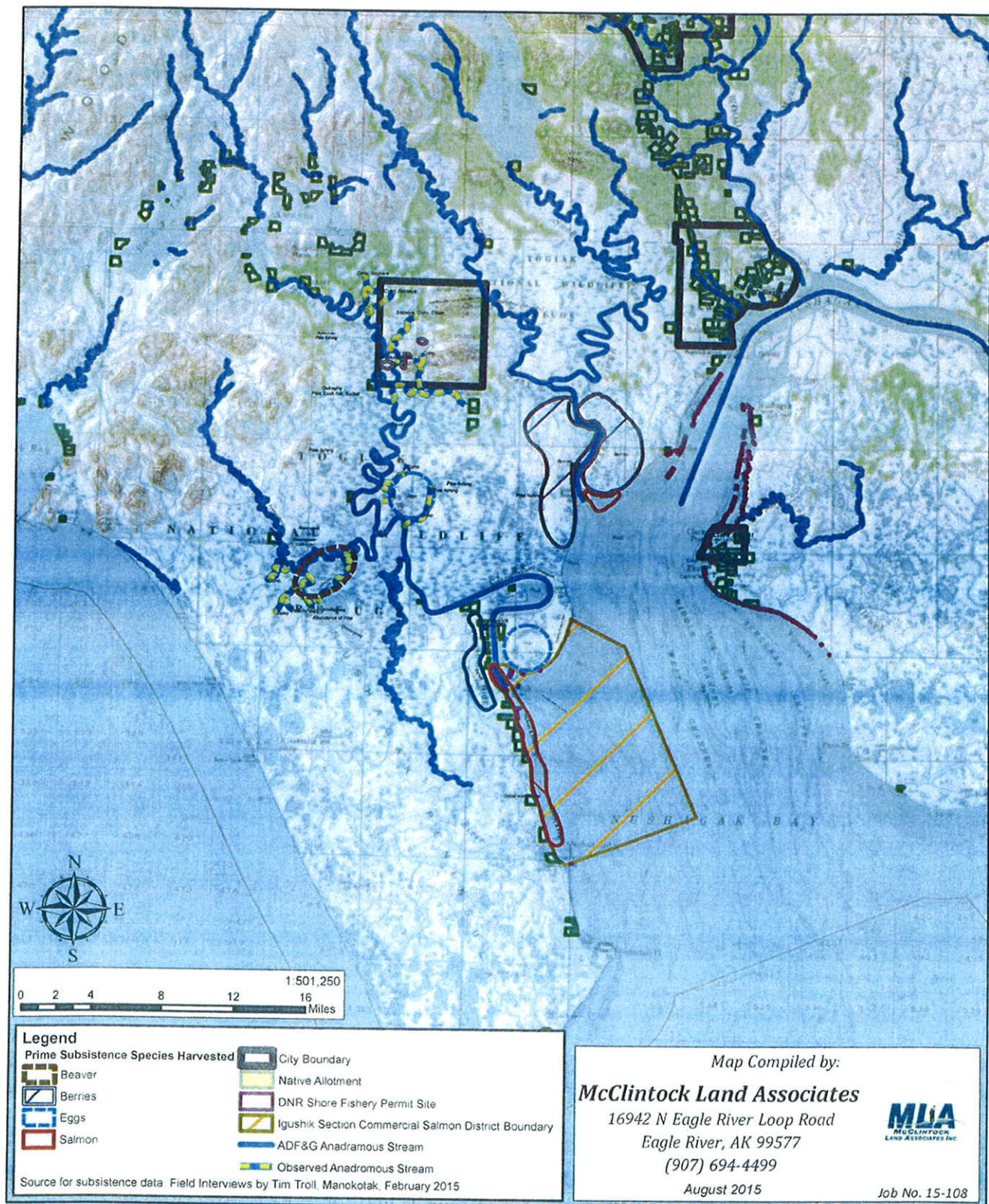


Figure 5
Prime Subsistence Harvest Areas Southwest of Manokotak



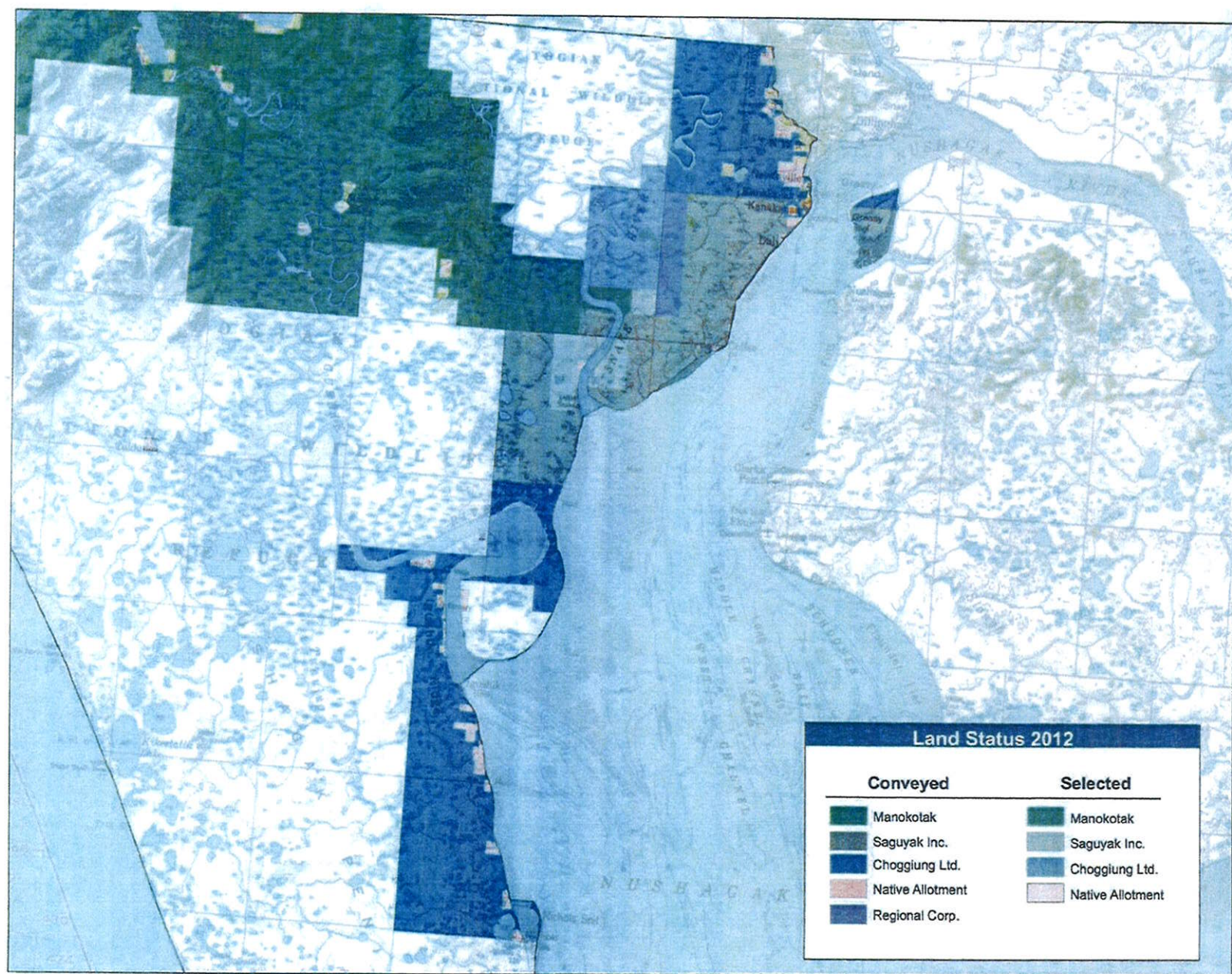












Table 1

Housing Occupancy, 2010, Manokotak Zip Code 99628

Housing Occupancy Status	Number
Occupied	122
Vacant	114
Seasonal, recreational, or occasional use	98
Other vacant	16
Total housing units	236

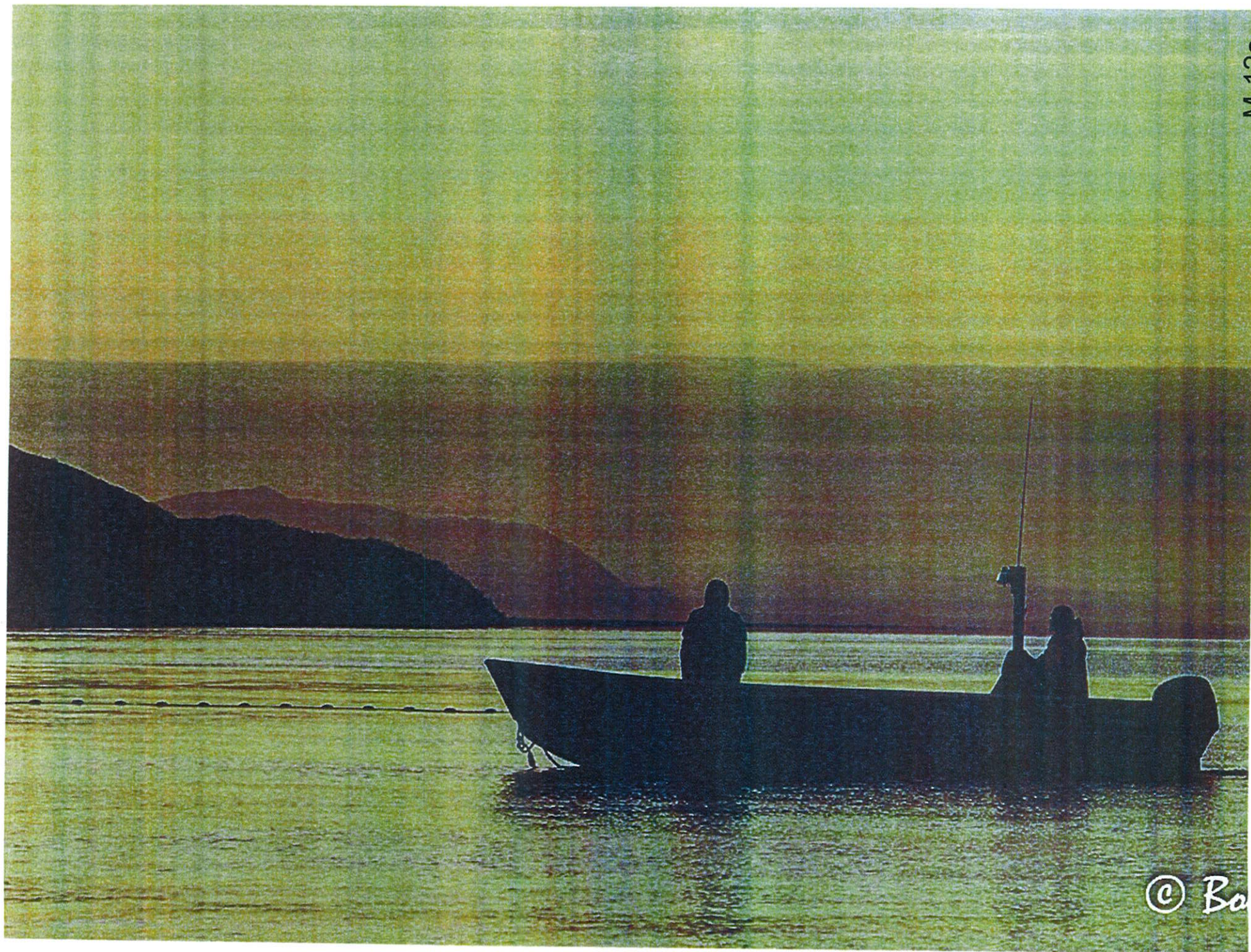
Source: 2010 U.S. Census.

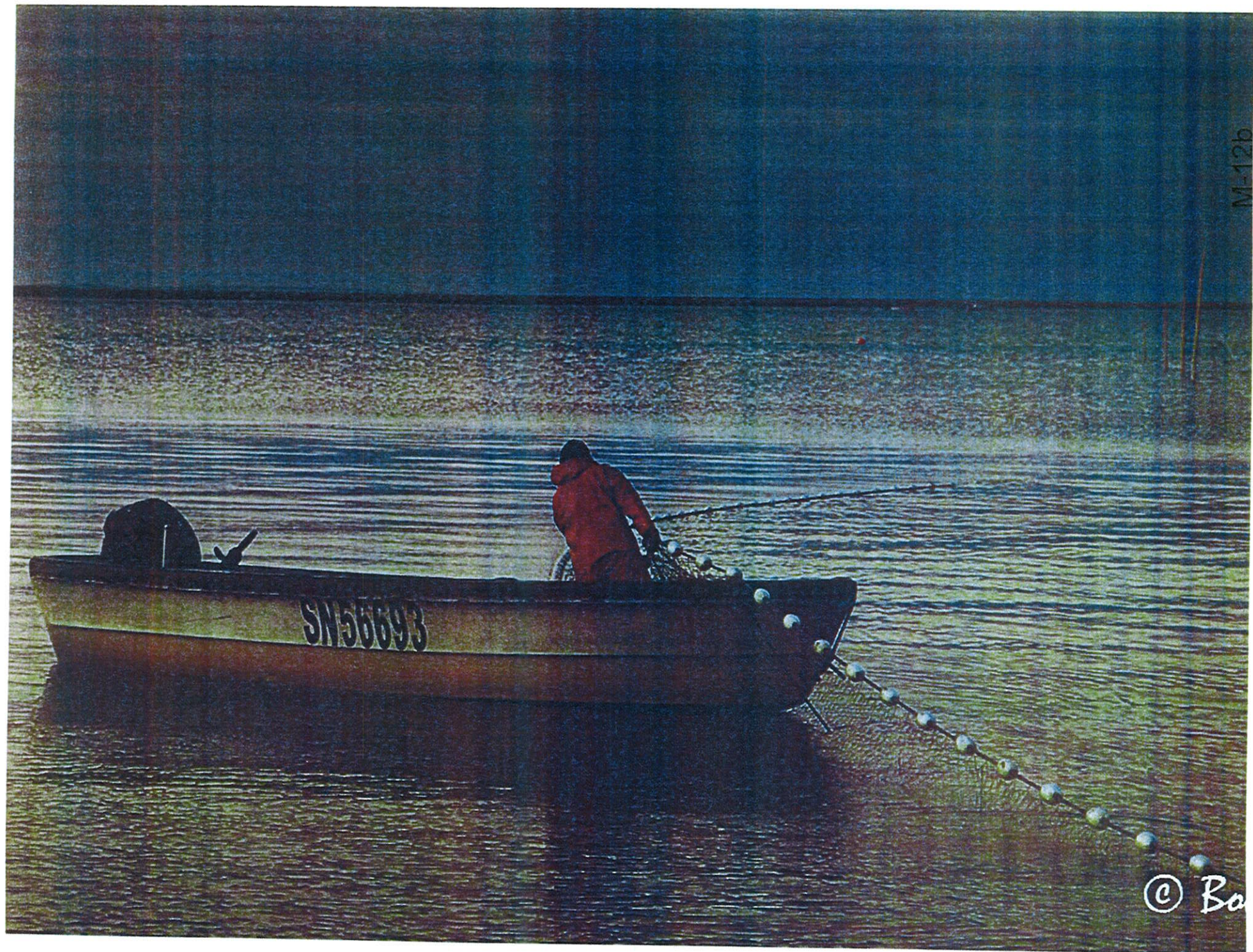
Table 5

Population History, Manokotak, Alaska, 1950-2014

Year	1950	1960	1970	1980	1990	2000	2010	2014
Population	120	149	214	294	385	399	442	500

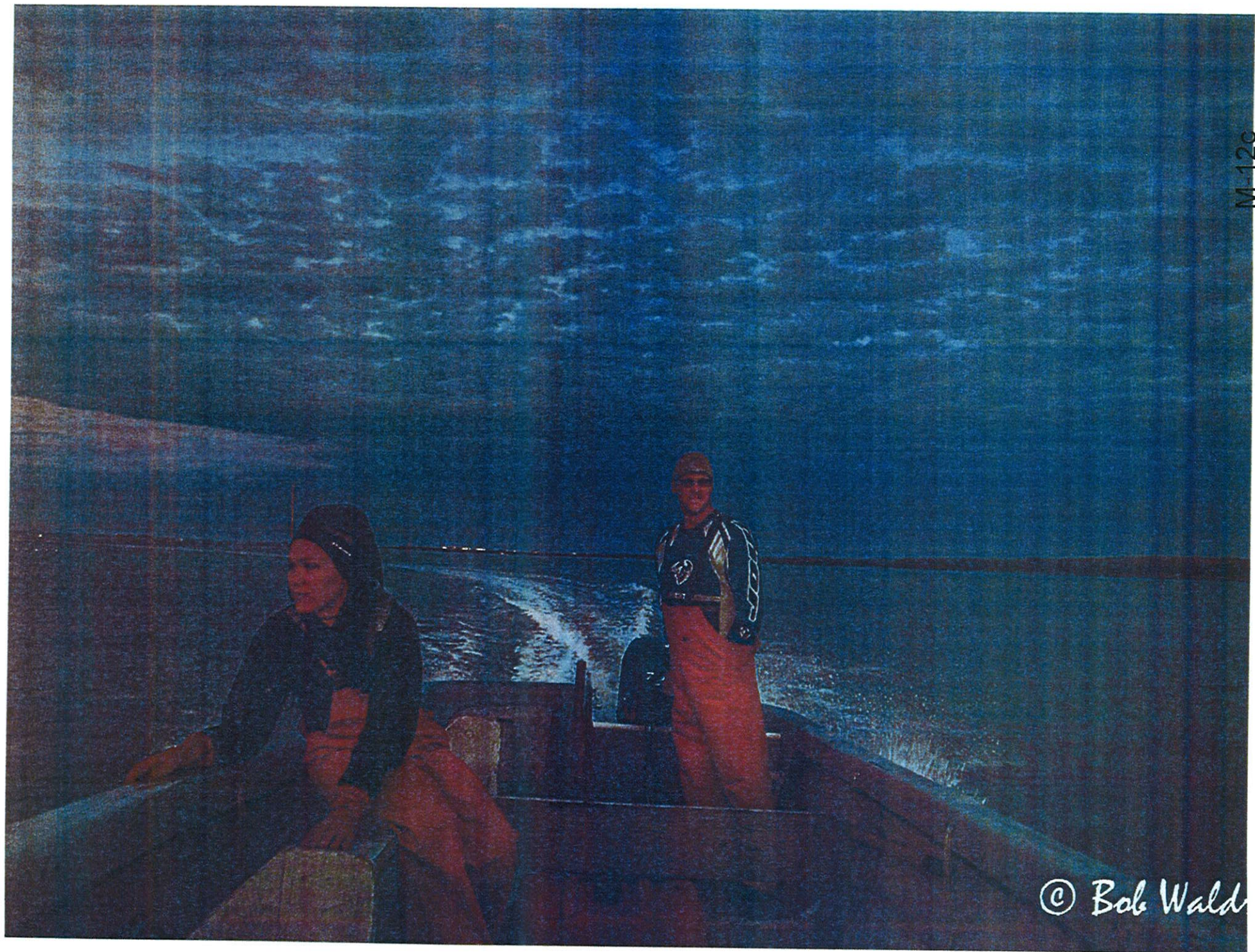
Source: Alaska Department of Labor, Research and Analysis Section.





M-12b

© Bo



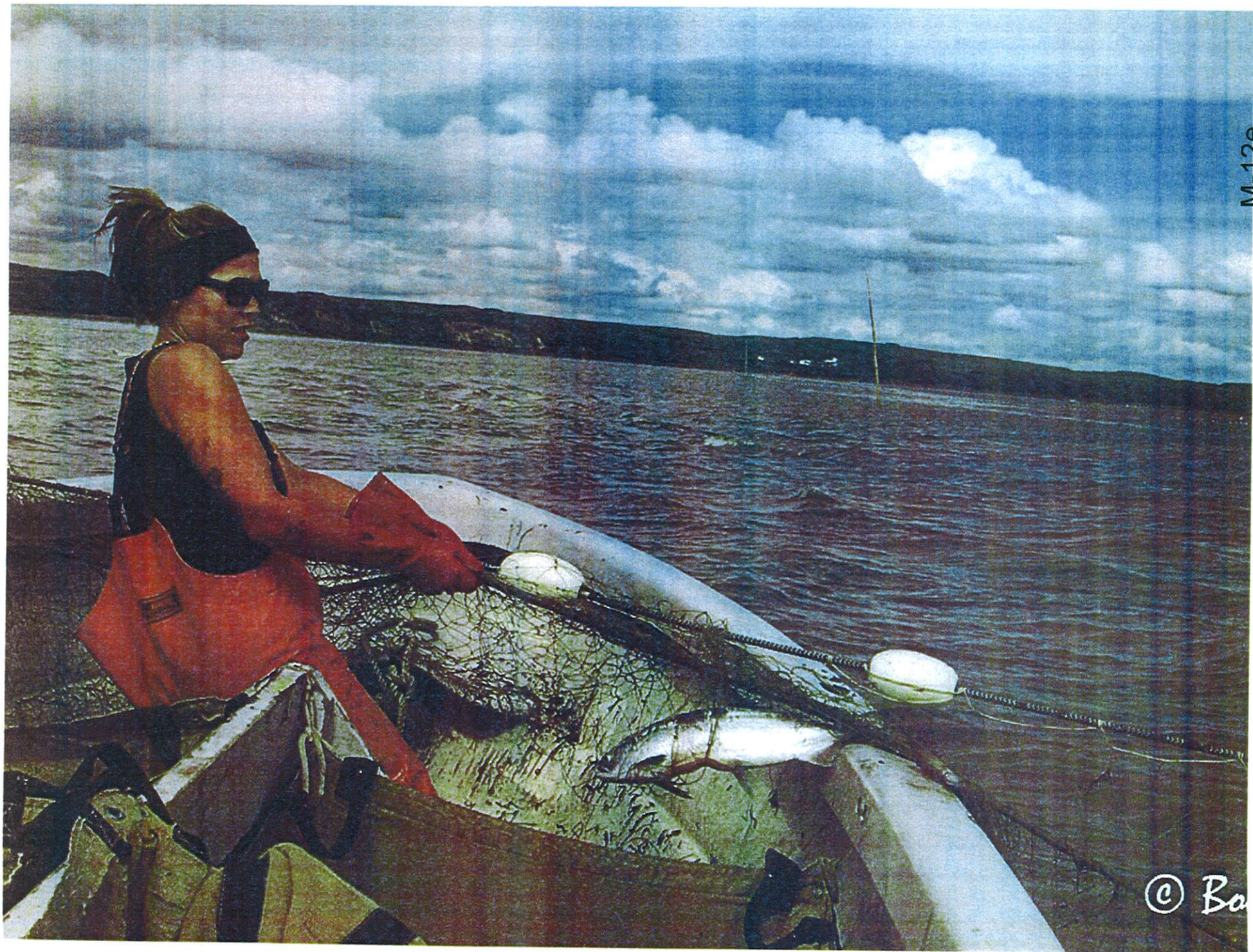
M-12c

© Bob Wald



M-12d

© Bo





M-12f

© Bob Wald





M-12h

© Bob Wald



© Bob Wald





© Bob Wald



M-121

© Bob Wald

M-12m



© Bob Wald



M-12h





<u>City</u>	<u>Population</u>	<u>Sq. Miles</u>	<u>Population Per Sq. Mile</u>
<u>St. George</u>	<u>82</u>	<u>182.4</u>	<u>.45</u>
<u>Pilot Point</u>	<u>76</u>	<u>140.5</u>	<u>.54</u>
<u>Egegik</u>	<u>104</u>	<u>134.0</u>	<u>.77</u>
<u>St. Paul</u>	<u>427</u>	<u>295.5</u>	<u>1.45</u>
<u>Adak</u>	<u>275</u>	<u>127.3</u>	<u>2.16</u>
<u>Manokotak</u>	<u>482</u>	<u>190.7</u>	<u>2.52</u>

Source: DCRA Online Community Information Database, containing square mile land/water information, and 2015 DCCED Commissioner certified population figures.

Table 10.1
Projected Revenues

	FY 16 Budget (Adopted)	Transition Year One	Transition Year Two	Post- Transition Year Three
Operating Revenues				
Local revenues				
Sales tax	\$5,000	\$25,000	\$25,000	\$25,000
Raw Fish Tax		\$55,000	\$55,000	\$55,000
Service charges	\$25	\$100	\$100	\$100
Water/sewer fees	\$90,000	\$95,000	\$95,000	\$95,000
Landfill fees	\$36,000	\$40,000	\$40,000	\$40,000
Rentals	\$43,975	\$45,000	\$45,000	\$45,000
Leases	\$15,000	\$15,000	\$15,000	\$15,000
Total Local Revenues	\$190,000	\$275,100	\$275,100	\$275,100
Non-local Revenues				
State of Alaska				
Community Revenue				
Sharing	\$113,800	\$100,000	\$100,000	\$100,000
Raw Fish Tax Refunds	\$5,000	\$5,000	\$5,000	\$5,000
Tele./Elec. Coop Tax				
Refunds	\$2,200	\$2,200	\$2,200	\$2,200
Federal				
Federal PILT receipts	\$80,000	\$80,000	\$80,000	\$80,000
Other				
BBEDC community				
liaison	\$44,000	\$45,000	\$45,000	\$45,000
Total Non-local Revenues	\$245,000	\$232,200	\$232,200	\$232,200
Total Operating Revenues	\$435,000	\$507,300	\$507,300	\$507,300
Capital Project Revenues				
State Capital Projects	\$220,000	\$25,000	\$25,000	\$25,000
Federal Capital Projects	\$250,000	\$200,000	\$200,000	\$200,000
BBEDC/CBG	\$340,000	\$225,000	\$225,000	\$225,000
Total Capital Grant				
Revenues	\$810,000	\$450,000	\$450,000	\$450,000
TOTAL REVENUES	\$1,245,000	\$957,300	\$957,300	\$957,300

Table 10.2
Projected Operating Expenditures, and Capital Expenditures

	FY 16 Budget (Adopted)	Transition Year One	Transition Year Two	Post-Transition Year Three
Operating Expenditures				
Admin. & Finance	\$125,000	\$130,000	\$130,000	\$130,000
Council	\$42,000	\$45,000	\$45,000	\$45,000
Police	\$20,000	\$25,000	\$25,000	\$25,000
Fire	\$10,000	\$12,000	\$12,000	\$12,000
Streets & Roads	\$50,000	\$55,000	\$55,000	\$55,000
Water & Sewer	\$90,000	\$105,000	\$105,000	\$105,000
Garbage & Landfill	\$46,000	\$55,000	\$55,000	\$55,000
Boat facilities		\$15,000	\$15,000	\$15,000
BBEDC Community Liaison	\$38,000	\$40,000	\$40,000	\$40,000
Land/CIP Planner		\$12,000		
Legal fees		\$8,000		
Total Operating Expenditures	\$421,000	\$502,000	\$482,000	\$482,000
Capital Project Expenditures				
Community Building	\$810,000			
Annexed Area Plan/CIP		\$25,000	\$25,000	
Annexed Area Projects		\$200,000	\$200,000	\$225,000
Other Projects		\$225,000	\$225,000	\$225,000
Total Capital Expenditures	\$810,000	\$450,000	\$450,000	\$450,000
TOTAL EXPENDITURES	\$1,231,000	\$952,000	\$932,000	\$932,000
BALANCE (+Surplus/-Deficit)				
Total Revenues less Total Expenditures	+\$14,000	+\$5,300	+\$25,300	+\$25,300

Table 12
Potential Funding Sources for Small Capital Projects

Program	Funding Entity	Eligible Applicants	Potential Projects
Community Block Grants	Bristol Bay Economic Development Corporation	Municipal governments & Alaska Native tribal governments within the BBEDC region	Sustainable community economic development projects
Infrastructure Grant Program	Bristol Bay Economic Development Corporation	Municipal governments & Alaska Native tribal governments within the BBEDC region	Fisheries-related infrastructure projects that contribute to economic development, e.g. boat haul-out & storage area; water source development/ice-making equipment
Individual Sanitation Project (Scattered Sites) Program	Alaska Native Tribal Health Consortium, Division of Environmental Health & Engineering	Alaska Native tribal members	Development of individual water / sewer systems
Indian General Assistance Program (IGAP)	U.S. Environmental Protection Agency	Alaska Native tribal governments	Planning & development of solid waste system at Igushik
Solid Waste Program	Denali Commission	Municipal governments; Alaska Native tribal governments; non-profit organizations	Burn boxes, equipment, fencing
Rural Business Development Grant Program	USDA Rural Development	State and municipal governments, federally recognized tribes, and non-profit organizations	Community economic development, rural transportation improvements, site acquisition, feasibility studies, etc
Economic Development Assistance	U.S. Economic Development Administration	Municipal governments, federally recognized tribes, non-profit corporations	Infrastructure projects that contribute to economic development

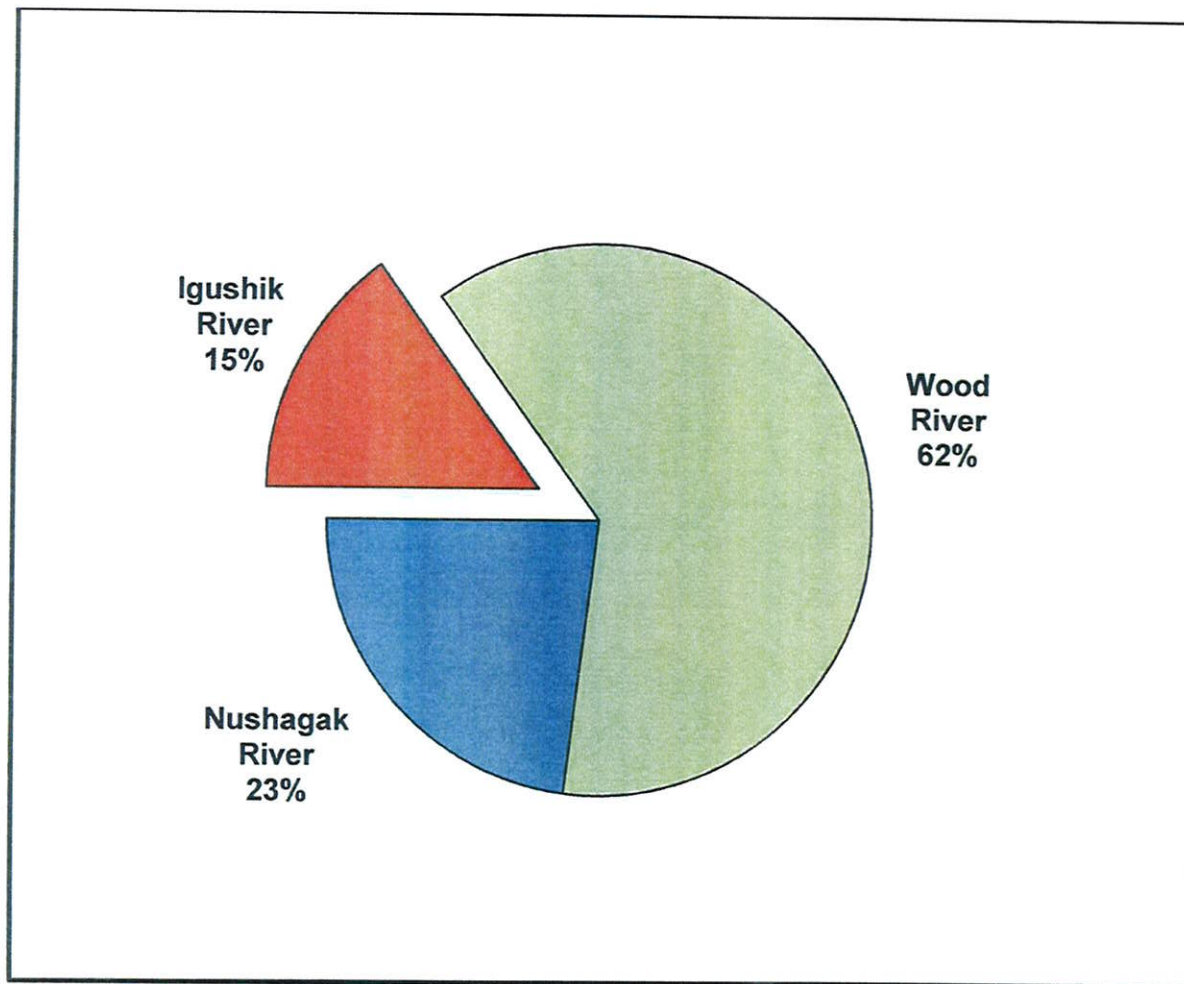
Note: This is not a comprehensive list of potential funding sources. See related text for additional potential sources.

Table 7**Commercial Sockeye Salmon Catch by River System,
Nushagak Commercial Salmon District, 2005-2014**

Year	Igushik River		Nushagak River		Wood River		Nushagak District
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Total Number
2005	1,512,321	21%	2,345,904	33%	3,274,117	46%	7,132,342
2006	1,553,514	14%	2,123,308	19%	7,384,842	67%	11,061,664
2007	1,305,338	16%	2,001,747	25%	4,835,519	59%	8,142,604
2008	2,235,442	32%	1,143,817	17%	3,508,894	51%	6,888,153
2009	416,321	5%	2,126,884	28%	5,127,548	67%	7,670,753
2010	836,767	10%	1,658,801	20%	5,813,715	70%	8,309,283
2011	598,865	12%	1,063,322	21%	3,291,084	66%	4,953,271
2012	292,999	11%	650,228	24%	1,752,922	65%	2,696,149
2013	321,162	10%	1,066,890	34%	1,794,255	56%	3,182,307
2014	651,661	10%	1,040,068	16%	4,755,921	74%	6,447,650
An. Avg. 2005-2014	972,439	15%	1,522,097	23%	4,153,882	62%	6,648,418

Source: Compiled from ADF&G Bristol Bay Area Annual Management Reports, 2005-2014.

Figure 7
Commercial Sockeye Salmon Catch, by River System
Nushagak Commercial Salmon District, 2005-2014



Source: ADF&G, Bristol Bay Area Annual Management Reports, 2005-2014

Table 3**Number of Commercial Fishing Permits, by Type, Held by Manokotak Residents, 2014**

Type of Permit	Number
Salmon, set gillnet	62
Salmon, drift gillnet	38
Herring spawn on kelp	48
Herring roe, gillnet	2
Total	150

Note: Permit holders may hold multiple permits.

Source: Commercial Fisheries Entry Commission.

Table 4**Commercial Salmon Fishing Participation and Earnings¹ by Manokotak Residents
By Gear Type, Five-year Average, 2010-2014**

Gear Type	Five-year Average, 2010-2014		
	Number of Permits Issued	Number of Permits Fished	Estimated Gross Earnings
Set			
Gillnet	36	35	\$1,272,287
Drift			
Gillnet	24	20	\$690,444
Total	60	55	\$1,962,731

¹2014 set net earnings were depressed because that fishery was closed at the peak of the fishing season when the fish tender Lone Star grounded and leaked oil near the mouth of the Igushik River.

Source: Commercial Fisheries Entry Commission.

> [Fishery Statistics](#) > [2014 Census Table Menu](#)

2016-01-25 : 7:03:08 WWWGPBC - State of Alaska - CFEC

PERMIT & FISHING ACTIVITY BY YEAR, STATE, CENSUS AREA, OR CITY

Link to Different Year...		Alaskan Community & Census Areas List				Table Description	
Year: 2014		State or Census Area: DILLINGHAM CA				City: Manokotak (070133)	
Fishery Group	Fishery Code	Permit Activity (1)		Fishing Activity (2)			
		Number of Permit Holders	Number of Permits Issued	Number of Fishermen Who Fished	Number of Permits Fished	Total Pounds Landed	Estimated Gross Earnings
Herring	G 34T	2	2	1	1	X	X
	G 34W	2	2	0	0	0	0
	L 12T	43	43	0	0	0	0
	Group Total (3)	45	47	1	1	X	X
Salmon	S 03T	26	26	21	21	839,220	995,593
	S 04T	38	38	36	36	1,582,431	2,067,602
	Group Total (3)	64	64	57	57	2,421,651	3,063,195
All Fisheries Combined	Group Total (3)	92	111	57	58	X	X

SERIES **A** FISH TICKETS General Salmon

DEFINITIONS AND CODES

DATE CAUGHT:

The date of permit holder's first harvest for this delivery.

DATE LANDED:

FOR A CATCHER VESSEL -

The date the catch off-load is completed to a land-based processor or floating processor

FOR A CATCHER PROCESSOR -

The last date the product is caught and brought on board for the fish ticket.

FOR A CATCHER SELLER VESSEL -

The date the product is initially brought into port.

STATISTICAL AREA:

The five-digit statistical area(s) where harvest occurred. Please refer to the appropriate ADF&G salmon statistical area chart. If catch occurred in more than one statistical area, indicate the percentage of harvest from each statistical area.

PARTIAL DELIVERY (SPLIT TICKET):

If a portion of the harvest from the fishing trip was documented on another fish ticket or delivered to another processor(s), then note the other processor's name and the associated salmon fish ticket number in the box provided on the fish ticket. The fish ticket number begins with the letter "A" followed by 8 numbers and is located in the upper right-hand corner of the ticket.

DUAL PERMIT:

Dual permit information is required on the fish ticket when two permit holders jointly operate gear while both are present on the same vessel. Check the dual permit box and on the first line write in the CFEC permit information including all 10 figures as they appear on the card (ex. S03N99999X). On the second line, write in the information that appears on the last line of your permit card, which includes the two digit year, two-digit sequence number and alpha check figure (ex. 1301X).

ITEMIZING YOUR CATCH ON THE FISH TICKET:

Harvest must be itemized and recorded individually for each species by delivery condition code. If salmon roe is extracted before sale, that roe must also be included on a fish ticket in addition to the carcasses. If the roe is intended for the bait market, handwrite "bait" on the line for that item.

DELIVERY CONDITION CODE (DELIV. CODE):

A code utilized by ADF&G that describes the condition of the fish at the time it is delivered or recorded on the fish ticket. Common codes utilized for salmon are listed below. See ADF&G code sheets for additional codes.

Whole	01
Gutted, head-on	04
Headed and Gutted	07
Roe only	14
Carcass, Roe-removed (for female only)	25*
Personal use (no sale)	95

* 25 Code used for female carcass where roe has been removed but guts/viscera remain.

OTHER SPECIES CODES

(common to salmon fisheries):

Arctic Char	521
Steelhead	540
Lingcod	130

PRICE:

The amount paid per pound of fish for a line item (species by delivery condition code).

AMOUNT:

The pounds of fish multiplied by the price per pound for a particular species by delivery condition code

PLACE WRAPAROUND COVER UNDER GREEN COPY

WHITE - PURCHASER

YELLOW - FISH & GAME

PINK - SELLER

GREEN - PURCHASER

FISH & GAME

**ALASKA DEPARTMENT OF FISH & GAME
GENERAL SALMON TICKET**

**Vessel
Name**

Fishery

Name

Permit
Number

**Proc.
Code**

Company

ADF&G Amended Ticket

Initial or Sign

DO NOT WRITE IN THIS SPACE

A14

ADF&G NO

Tender ADF&G No.

Date Caught

Date
Landed

STATISTICAL AREA

Stat. Area %

☐ Dual Permit No.

Permit Card info (Required
Instructions on cover.)

Area
Caught

(Nearest bay or headland)

Salmon - Deliv. Code is required. See Ticket Book Cover for Instructions.

SPECIES	CODE	DELIV. CODE	NO. OF FISH	POUNDS	PRICE	AMOUNT
Kings	410					
Reds	420					
Cohos	430					
Pinks	440					
Chums	450					

Salmon Roe and Other Species - Species Code and Deliv. Code required.

Subtotal

Less Salmon Enhancement Tax @

TOTAL

NOT SOLD/PERSONAL USE - 95		NOT SOLD/PERSONAL USE - 95		PARTIAL DELIVERY
SPECIES	NUMBER	SPECIES	NUMBER	Ticket No
				Processor

Cash Advance

Fish Received by

Permit Holder's Signature

I HEREBY ATTEST THAT THESE FISH WERE CAUGHT IN COMPLIANCE WITH ADF&G REGULATIONS

SERIES B **FISH TICKETS Bristol Bay Salmon**

DEFINITIONS AND CODES

DATE CAUGHT:

The date of permit holder's first harvest for this delivery.

DATE LANDED:

The date the catch off-load is completed to a land-based processor or floating processor.

DISTRICT CAUGHT:

Abbreviations to be used for district caught:

Togiak	TOG
Osviak Section	OSV
Kulukak Section	KUL
Matogak Section	MAT
Ugashik	UGA
Kvichak	KVI
Naknek Section	NAK
Egegik	EGK
Nushagak	NUS
Igushik Section	IGUS

DUAL PERMIT:

Dual permit information is required on the fish ticket when two permit holders jointly operate gear while both are present on the same vessel. On the Dual Permit No. line write in the CFEC permit information including all 10 figures as they appear on the card (ex: S03N99999X). On the second line, write in the information that appears on the last line of your permit card, which includes the two digit year, two-digit sequence number and alpha check figure (ex: 1301X).

GREEN - PURCHASER

ALASKA DEPARTMENT OF FISH & GAME
BRISTOL BAY SALMON TICKET

Initial of Sign:

B15

Dual Permit No

Date Caught

Company

District Caught ➤

Stat
Cha
No.

DO NOT WRITE IN THIS SPACE

Fish Received by

Permit Holder's Signature

I HEREBY ATTEST THAT THESE FISH WERE CAUGHT IN COMPLIANCE WITH ADF&G REGULATIONS

Optional

Terms

Quality ☐ RSW
☐ Ice

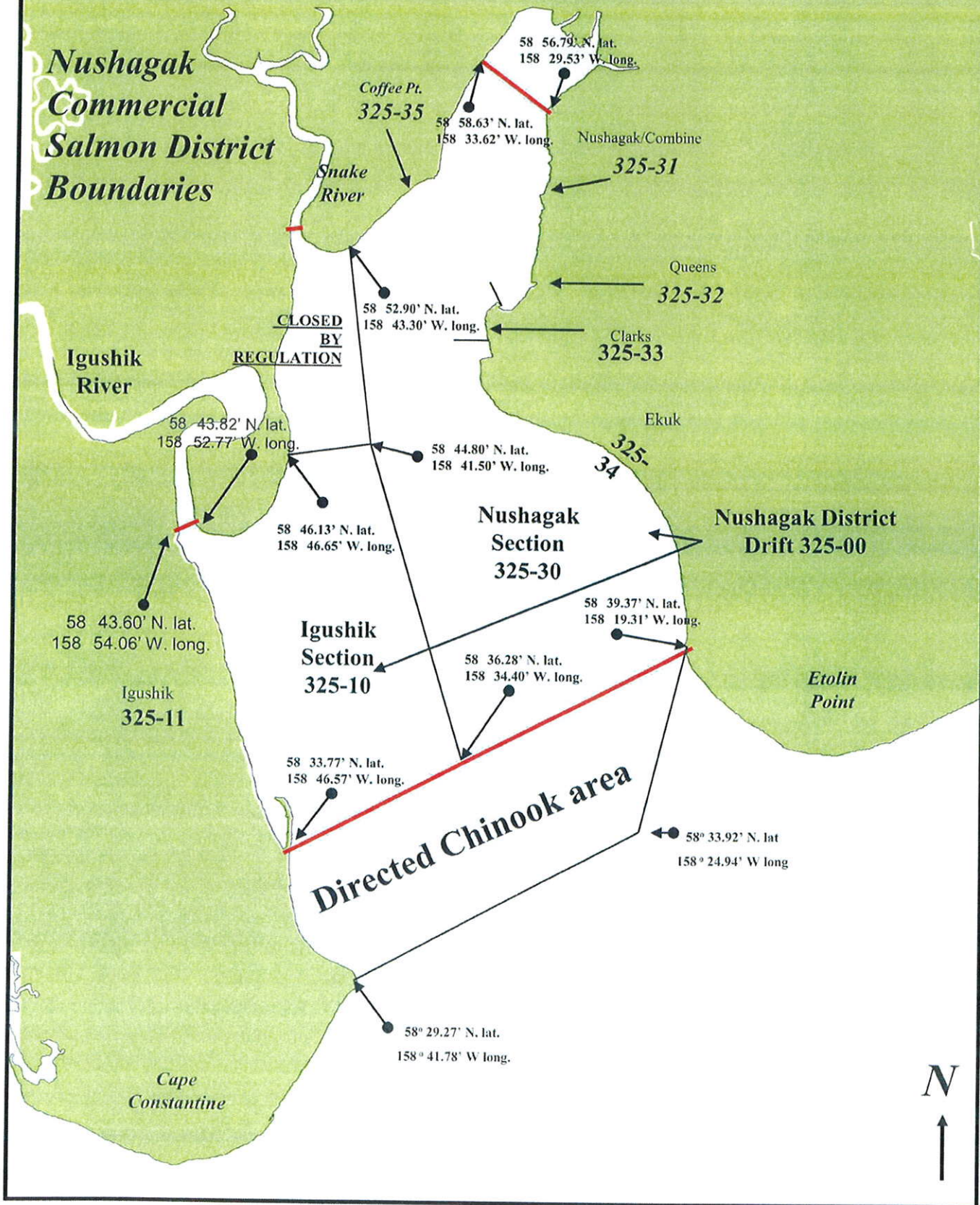
Alaska Department of Fish and Game

Division of Commercial Fisheries

(For Illustration Purposes Only)

BBSAL325.PPT. Revised 04/22/2011)

Nushagak Commercial Salmon District Boundaries



Cities in Boroughs	RFT rate	RFT Revenue 2015	Calculated Value of RFT Base 2015	Resident Permit holders Gross Earnings	Resident Permit holders Percentage of RFT base
Akutan	1.5%	\$1,816,530	\$121,102,000	\$607,651	0.5%
King Cove	2.0%	\$868,352	\$43,417,600	\$10,547,306	24.3%
Sand Point	2.0%	\$598,088	\$29,904,400	\$19,071,438	63.8%
L&PB					
Egegik	3.0%	\$1,758,294	\$58,609,800	\$228,783	0.4%
Pilot Point	3.0%	\$337,215	\$11,240,500	\$131,679	1.2%
Cities outside Boroughs					
Atka	2.0%	\$61,168	\$3,058,400	\$487,792	15.9%
St. Paul	3.0%	\$2,134,063	\$71,135,433	\$1,937,973	2.7%
Togiak	2.0%	\$94,278	\$4,713,900	\$1,913,206	40.6%
Unalaska	2.0%	\$4,430,781	\$221,539,050	\$2,011,744	0.9%

Note: The resident permit holders gross earnings may include some earnings from outside the city's tax jurisdiction; in that case, the resident percentage of value of RFT base may be overstated. The gross earnings figure for Egegik omits a minor amount of earnings withheld from disclosure, but the general picture is accurate.

Manokotak Percentage of Igushik Section Harvest

Annual Gross Earnings from Igushik Section

Manokotak Residents \$1,962,731¹

All Fishermen Fishing Igushik Section \$4,684,478²

Percentage of Igushik Section fishermen earnings by Manokotak residents: **41.9%**

¹ Average for 2010-14; See Table 4, Manokotak Petition

² Average for 2005-14; See Table 8, Manokotak Petition



**APPENDIX 12: Photographs of the trash pile on the conservation easement area
N 58.65576, W 158.84262**



Photo 1. Broad westward view of the trash pile next to the beach.



Photo 2. Close westward view of the trash pile demonstrating its composition.

Aerial View of Ekuk Ice Machines

Machines are in the blue containers above the white containers.
Totes are filled one at a time inside the white containers.



