

ATTACHMENTS

for

Kasigluk River

INTERIM SUMMARY REPORT

Prepared by Edwin Shoaf, Historian
Alaska Conservation Corps

Kuskokwim Assistance Agreement
Phase II-B Submission

Office of History and Archaeology
Department of Natural Resources
State of Alaska

August 10, 2010

UNITED STATES GOVERNMENT

Memorandum

**Kasigluk River
Interim Summary Report
Attachment 1**

TO : Files

DATE: 12/10/75

FROM : Realty Specialist

In reply refer to:
2650.58 (932)
F-14824

SUBJECT: Inland Navigable Waters, Akiak selection area.

The Easement and Navigability Task Force met on November 13, 1975, to consider easements and navigable waters for Akiak.

The following water bodies were considered to be navigable by reason of Travel, Trade, and Commerce.

Kuskokwim River - Tidal influence extends to Tuluksak.

Kuskokuak Slough - Also tidal.

The following water bodies are subject to tidal influence.

Reindeer Slough

Mishevik Slough

Kisaralik River - Upstream to major fork in stream in
S.13., T.9N., R.67W., S.M.

The Gweek River, in this selection area, is not navigable ^{NOR} ~~OR~~ subject to tidal influence.

Patrick C. Beckley

F14824



5010-110

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan



State Office
 JAN 15 1976

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Bureau of Land Management
 Anchorage, Alaska

State Office
 555 Cordova Street
 Anchorage, Alaska 99501

IN REPLY REFER TO:

2651 (941)
 F-14824-A (Anch.)

Mr. Ivan M. Ivan, Chairman
 Land Selection Committee
 Kokarmuit Corporation
 Akiak, Alaska 99552

**Kasigluk River
 Interim Summary Report
 Attachment 2**

JAN 14 1976

Dear Mr. Ivan:

The village selection application and priority listing for Akiak has been received in our office. The application was filed under section 12(a) of the Alaska Native Claims Settlement Act. The following table shows the total acreage for each selection as determined by this preliminary review:

<u>Selection</u>	<u>Application Acreage</u>	<u>BLM Acreage</u>	<u>Sections</u>
First Selection	97,718.6	99,623	155
Second Selection	17,457.9	18,292	25
Third Selection	11,840.0	11,840	-
Fourth Selection	<u>14,846.2</u>	<u>15,246</u>	<u>-</u>
	141,862.7	145,001	180

There were some differences in acreage considerations as we checked your selection against our records. This is due to the fact that we must use the acreage figures that are shown on the protracted surveys on file in this office. Any acreage differences will be settled at the time of final survey.

During this preliminary review, a total of 5,900 acres of the Kuskokwim River were excluded from your application as navigable water. An administrative determination has not been made on those portions of the Kasigluk River, Kisaralik River, Kuskokuak Slough, Reindeer Slough, Kuskokwim Slough, Reindeer River, Kuskokuak River, Mishevik Slough, Gweek River, and Lake 223 you have identified as being navigable. However, the Alaska Easement and Navigability Task Force met recently on recommendations for your area, and a copy of their proposals will be furnished to you when available. If the rivers and/or lake are determined to be navigable, you will not be charged for the acreage.

You did not exclude from your application Native allotment AA-8966-B containing 40 acres located in section 7, T. 8 N., R. 66 W., Seward Meridian. However, we have excluded it from your total acreage per the introduction of your application which states that it is your intention to not top file Native allotments. If this is not your wish, please notify us.

Field examination has shown that several Native allotments previously located in your selection area are now outside the selection area. The acreage involved has been included in your total entitlement. Subject allotments are listed below for your further information:

<u>Serial No.</u>	<u>Application Location</u>	<u>Present Location</u>
Seward Meridian, Alaska		
F-13269	sec. 15, T. 9 N., R. 68 W.	sec. 21, T. 9 N., R. 68 W.
F-17100	sec. 13, T. 8 N., R. 66 W.	sec. 18, T. 8 N., R. 65 W.
F-16724-A	secs. 29 & 30, T. 12 N., R. 67 W.	sec. 26, T. 13 N., R. 67 W.

Several other Native allotments which you excluded have been relocated, but remain within your selection area. The acreage has been excluded from your total entitlement. These are listed below:

<u>Serial No.</u>	<u>Application Location</u>	<u>Present Location</u>	<u>BLM Acreage Excluded</u>
Seward Meridian, Alaska			
F-15913-B	secs. 22 & 27, T. 10 N., R. 67 W. (shown in sec. 27 as F-15913)	secs. 22 & 23, T. 10 N., R. 67 W.	110
F-033569	secs. 8 & 9, T. 9 N., R. 66 W.	secs. 9 & 16, T. 9 N., R. 66 W.	160
F-15904	sec. 30, T. 9 N., R. 66 W.	sec. 19, T. 9 N., R. 66 W.	160
F-15911	sec. 15, T. 10 N., R. 66 W.	secs. 15 & 22, T. 10 N., R. 66 W.	160

Two Native allotments for which you exclude acreage are actually located in more sections than you exclude. For your records, they are listed below:

<u>Serial No.</u>	<u>Application Location</u>	<u>Actual Location</u>
	Seward Meridian, Alaska	
F-17922-B	secs. 10, 15, 16, T. 9 N., R. 67 W.	secs. 9, 10, 15, 16, T. 9 N., R. 67 W.
F-15913-A	sec. 15, T. 10 N., R. 67 W.	secs. 15, 22, T. 10 N., R. 67 W.

We excluded the 184.39 acres contained in unapproved U.S. Survey 5068 for the townsite petition located in section 6, T. 9 N., R. 67 W., Seward Meridian, and section 31, T. 10 N., R. 67 W., Seward Meridian.

If you have any questions as to the above, or your application in general, we will be happy to hear from you.

Sincerely yours,

/s/ ROBERT E. SORENSON

Chief, Branch of Lands
and Minerals Operations

cc:  DM-A (102)

**Kasigluk River
Interim Summary Report
Attachment 3**

2651 (941)
XF-14824-EE
F-14824-A

State Office
555 Cordova Street
Anchorage, Alaska 99501

MAY 17 1977

Handwritten:
5-5

**NOTICE OF PROPOSED EASEMENT RECOMMENDATIONS
FOR THE VILLAGE OF ANIAK**

Pursuant to Departmental regulations (43 CFR 2050.4-7), notice is hereby provided of public easements identified on lands selected by Ackarsuit Corporation.

Subject to valid existing rights, the following described lands will be conveyed in the near future. These lands are only a portion of the total selected lands which are shown on the enclosed maps:

Seward Meridian (Unsurveyed)

✓ T. 11 N., R. 65 W.
sections 13, 24, 25, and 36

✓ T. 11 N., R. 67 W.
sections 8, 9, 16-21, and 28-33

✓ T. 10 N., R. 65 W.
sections 1-3, 16-19, 22-27, and 34-36

✓ T. 10 N., R. 67 W.
sections 1-36

✓ T. 10 N., R. 65 W.
sections 4-9, 16-21, and 28-33

✓ T. 9 N., R. 65 W.
sections 1-3 and 16-19

✓ T. 9 N., R. 67 W.
sections 1-36

✓ T. 9 N., R. 65 W. 30-36
sections 4-10, 16-21, and 28-33

✓ T. 9 N., R. 65 W.
sections 28-32

✓ T. 8 N., R. 67 W.
sections 1-4 and 10-14

✓ T. 8 N., R. 66 W.
sections 1-5 and 8-17

1-6 7-18
*aggregating approximately 107,830 acres

The following easements are hereby recommended for inclusion in the conveyance document under the provisions of section 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971:

EASEMENT IDENTIFICATION

NUMBER (EIN)

- 3 K A streamside easement twenty-five (25) feet in width on both banks of the navigable Kisaralik River from its mouth upstream to major fork in stream in Section 13, T. 9 N., R. 67 W., S.M. Thence, from this fork in Section 13, T. 9 N., R. 67 W., S.M. upstream through the remainder of the selection area a streamside easement twenty-five (25) feet in width on both banks and the entire bed of the Kisaralik River. Purpose is to provide public use on waters having highly significant present recreational use.
- 9 D1 An easement for an existing access trail twenty-five (25) feet in width from Akiak southeast along the Kisaralik River to public lands. Purpose is to allow access to public lands now isolated east of Akiak.
- 11 C4 An easement for an existing access trail twenty-five (25) feet in width from Akiak to Akiachak. The purpose is to allow access between these two villages.
- 13 C4, C5 A streamside easement twenty-five (25) feet in width on both banks of the navigable Kuskokwim River through the entire selection. Purpose is to provide public use of waters having highly significant present recreational use.
- 14 C5 A one (1) acre site easement in Section 1, T. 10 N., R. 67 W., S.M. on the right bank of the Kuskokwim River. The site is for camping, staging, and vehicle use. In addition, an easement for a proposed access trail twenty-five (25) feet in width from the campsite in Section 1 westerly along the north line of Section 1 to public lands in Section 35, T. 11 N., R. 67 W., S.M. The purpose is to allow access to lands which are selected but will not be conveyed in the near future and may remain public as a result of the low priority placed on these lands by the village.

15 C The right of the United States to enter upon the lands herein granted for cadastral, geodetic, or other survey purposes, is reserved together with the right to do all things necessary in connection therewith.

16 C An easement for the transportation of energy, fuel, and natural resources which are the property of the United States or which are intended for delivery to the United States or which are produced by the United States.

The following easements are not approved for inclusion in the conveyance.

1 D1, C3 A twenty-five (25) foot trail from Akiak to Tuluksak and north along the Kuskokwim River.

2 D1, D9 A twenty-five (25) foot trail from Akiak to the Yukon River. An alternate route was selected to service this general area.

The following easements were not considered because they are located outside the selection area:

4 D9, D1 A twenty-five (25) foot trail easement from Aziachak to the Yukon River.

5 K A streamside easement for the Kwethluk River.

6 C3 A twenty-five (25) foot trail from Tuluksak to Akiak.

7 C4 An airstrip on the right bank of the Kisaralik River approximately twenty (20) miles southeast of Akiak.

10 C4 A twenty-five (25) foot streamside easement on both banks and the bed of the Gweek River. This stream is recognized for its highly significant use and is on land that is selected by the village of Akiak but is not included within the lands described in this Notice.

The following water bodies were considered to be navigable by reason of travel, trade, and commerce, or the water bodies are affected by tidal influence:

The Kuskokwim River and its interconnecting sloughs.

Kuskokwim Slough

Reindeer Slough

Mishvik Slough

Kasigluk River - to west boundary of Section 36, T. 9 N., R. 67 W., S. 1.

Kisaralik River - upstream to major fork in stream in Section 13,

T. 9 N., R. 67 W., S. 1.

No other water bodies were considered to be navigable.

This notice does not cover statutory reservations such as railroads, ditches, canals, telegraph lines, or granted rights-of-way.

Written comments must be filed with the Joint Federal-State Land Use Planning Commission, 733 West Fourth Avenue, Suite 400, Anchorage, Alaska 99501, no later than JUL 1 1977. A copy of any comments should also be sent to the State Director, Bureau of Land Management, 555 Cordova Street, Anchorage, Alaska 99501.

Curtis V. McVee
State Director

cc:

- DM-A (018)
- Public Service (941)
- Public Service (Fairbanks)

MKonklin:mk 5/2/77

Kasigluk River
Interim Summary Report
Attachment 4

State Office
701 C Street, Box 13
Anchorage, Alaska 99513

BD 3/7/79
BY 3/7/79
2651/75.4 (961)
F-14883-A (Anch)
F-14883-EE

MAR 7 1979

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DECISION

Kwethluk Incorporated : F-14883-A
Kwethluk, Alaska 99621 : Village Selection
:
Calista Corporation :
516 Denali Street :
Anchorage, Alaska 99501 :

Lands Proper for Village Selection
Approved for Interim Conveyance

On November 19, 1974, Kwethluk Incorporated, for the Native village of Kwethluk, filed selection application F-14883-A under the provisions of Sec. 12(a) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 701; 43 U.S.C. 1601, 1611(a) (Supp. V, 1975)), for the surface estate of lands located in the Kwethluk area.

As to the lands described below, the application is properly filed and meets the requirements of the Alaska Native Claims Settlement Act and of the regulations issued pursuant thereto. These lands do not include any lawful entry perfected under or being maintained in compliance with laws leading to acquisition of title.

In view of the foregoing, the surface estate of the following described lands, selected pursuant to Sec. 12(a), aggregating approximately 131,463 acres, is considered proper for acquisition by Kwethluk Incorporated and is hereby approved for conveyance pursuant to Sec. 14(a) of the Alaska Native Claims Settlement Act:

Seward Meridian, Alaska (Unsurveyed)

T. 6 N., R. 67 W.
Secs. 4 and 5, all;
Secs. 8 and 9, all;
Secs. 16 and 17, all;

Need copies
of the DEC
Mgs for Kucethluk
Office 3/7/79
C-6, D6, D-5

Secs. 20, 21 and 22, all;
 Secs. 27 and 28, all;
 Sec. 31, all;
 Sec. 34, all.

Containing approximately 8,309 acres.

T. 7 N., R. 67 W.

Sec. 1, all;
 Sec. 2, excluding Native allotment F-17072
 Parcel C;
 Secs. 3 to 7, inclusive, all;
 Secs. 11 and 12, all;
 Secs. 17 to 20, inclusive, all;
 Secs. 28, 29 and 30, all;
 Secs. 32 and 33, all.

Containing approximately 11,307 acres.

T. 8 N., R. 67 W.

Secs. 5 to 9, inclusive, all;
 Secs. 17 to 20, inclusive, all;
 Secs. 29, 30 and 31, all;
 Sec. 32, excluding Native allotment F-029105
 Parcel B;
 Secs. 33 to 36, inclusive, all.

Containing approximately 10,660 acres.

T. 6 N., R. 68 W.

Secs. 1 to 9, inclusive, all;
 Sec. 10, excluding Native allotment F-17216;
 Secs. 11 to 14, inclusive, all;
 Sec. 15, excluding Native allotments F-17050
 Parcel B and F-17216;
 Sec. 16, all;
 Secs. 22 and 23, all;
 Sec. 24, excluding Native allotment F-19254
 Parcel B;
 Sec. 25, excluding Native allotments F-16016
 and F-17204 Parcel B;
 Sec. 26, all;
 Sec. 35, all;
 Sec. 36, excluding Native allotments F-16016
 and F-16008 Parcel A.

Containing approximately 14,027 acres.

T. 7 N., R. 68 W.

Secs. 1 and 2, all;
 Sec. 3, excluding Native allotment F-17212
 Parcel B;

Secs 4 to 7, inclusive, all;
 Sec. 8, excluding Native allotments F-17221
 Parcel B, F-17210 Parcel C and F-17222;
 Sec. 9, excluding Native allotment F-17222;
 Sec. 10, excluding Native allotment F-17212
 Parcel C;
 Secs. 11 and 12, all;
 Sec. 13, excluding Native allotment F-16015;
 Secs. 14 and 15, all;
 Sec. 16, excluding Native allotments F-17214
 Parcel A and F-17057 Parcel A;
 Sec. 17, excluding Native allotment F-17214
 Parcel A;
 Sec. 18, excluding Native allotment F-17072
 Parcel B;
 Sec. 19, excluding Native allotments F-17061
 Parcel A, F-16807 Parcel B and F-16803;
 Sec. 20, excluding Native allotments F-16803,
 F-17214 Parcel A and F-17015 Parcel A;
 Sec. 21, excluding Native allotments F-17214
 Parcel A and F-16013 Parcel A;
 Secs. 22 to 27, inclusive, all;
 Sec. 28, excluding Native allotment F-16724
 Parcel C;
 Secs. 29 to 36, inclusive, all.

Containing approximately 21,655 acres.

T. 8 N., R. 68 W.

Secs. 1 to 18, inclusive, all;
 Sec. 19, excluding Native allotment F-17099
 Parcel B;
 Secs. 20 to 27, inclusive, all;
 Sec. 28, excluding Native allotments F-19262
 Parcel A and F-17099 Parcel A;
 Sec. 29, excluding Native allotments F-19262
 Parcel A and F-17211;
 Sec. 30, excluding Native allotments F-17099
 Parcel B, F-19262 Parcel B, F-025345
 Parcel B, F-17073 Parcel A and F-17060
 Parcel B;
 Sec. 31, excluding Native allotment F-17212
 Parcel D;
 Sec. 32, excluding Native allotments F-17212
 Parcel D and F-17211;
 Sec. 33, excluding Native allotments F-17073
 Parcel B, F-17212 Parcel A and F-16009;
 Secs. 34, 35 and 36, all.

Containing approximately 21,769 acres.

T. 9 N., R. 68 W.

- Sec. 22, excluding the Kuskokuak Slough and Native allotments F-16595 and F-16592;
 Sec. 23, excluding the Kuskokuak Slough and Native allotment F-16592;
 Secs. 24, 25 and 26, excluding the Kuskokuak Slough;
 Sec. 27, excluding the Kuskokuak Slough and Native allotment F-17220 Parcel B;
 Sec. 28, excluding the Kuskokuak Slough and Native allotment F-13380;
 Sec. 29, excluding the Kuskokuak Slough;
 Sec. 30, excluding the Kuskokuak Slough and Native allotment F-17206 Parcel B;
 Sec. 31, excluding the Kuskokuak Slough and Native allotment F-17080;
 Sec. 32, excluding the Kuskokuak Slough and Native allotments F-17080 and F-17214 Parcel B;
 Sec. 33, excluding the Kuskokuak Slough;
 Sec. 34, all;
 Sec. 35, excluding the Kuskokuak Slough and Native allotments F-17213, F-17069 and F-17215;
 Sec. 36, excluding the Kuskokuak Slough and Native allotments F-17069 and F-17215.

Containing approximately 7,030 acres.

✓ T. 7 N., R. 69 W.

- Sec. 1, all;
 Sec. 2, excluding Native allotment F-16182 Parcel A;
 Sec. 3, excluding Native allotment F-17219 Parcel A;
 Sec. 11, excluding Native allotments F-16181 Parcel A, F-16481 Parcel B, F-17607 and F-16182 Parcel B;
 Sec. 12, excluding Native allotments F-17050 Parcel C and F-17052 Parcel B;
 Sec. 13, excluding Native allotment F-17210 Parcel B.

Containing approximately 3,217 acres.

✓ T. 8 N., R. 69 W.

- Sec. 1, excluding Native allotment F-17207;
 Sec. 2, excluding the Kuskokuak Slough;
 Sec. 3, excluding the Kuskokuak Slough and Native allotment F-17214 Parcel B;

- Sec. 4, excluding the Kuskokuak Slough, Tract C of U.S. Survey No. 4221 and Native allotments F-17221 Parcel A, F-16481 Parcel A, F-17057 Parcel B and F-17072 Parcel A;
- Sec. 5, excluding the Kuskokuak Slough, Tracts A, C and D of U.S. Survey No. 4221 and Native allotments F-17054 Parcel B, F-17050 Parcel A and F-17070 Parcel A;
- Sec. 6, excluding the Kuskokwim River, Kuskokuak Slough, Tracts A, B and D of U.S. Survey No. 4221 and Native allotments F-17054 Parcel B, F-17076 Parcel A, F-17218 Parcel C, F-17219 Parcel B and F-13559 Parcel A;
- Sec. 7, excluding the Kuskokuak Slough and Native allotments F-13559 Parcel A, F-17060 Parcel A and F-19257 Parcel A;
- Sec. 8, all;
- Sec. 9, excluding Native allotments F-17072 Parcel A, F-17210 Parcel A and F-19256 Parcel B;
- Secs. 10 and 11, excluding the Kuskokuak Slough and Native allotment F-16483 Parcel B;
- Sec. 12, excluding the Kuskokuak Slough and Native allotments F-17207, F-17217 Parcel A and F-17206 Parcel A;
- Sec. 13, excluding the Kuskokuak Slough and Native allotment F-17066 Parcel B;
- Sec. 14, excluding the Kuskokuak Slough and Native allotments F-16724 Parcel B and F-13611;
- Sec. 15, excluding the Kuskokuak Slough and Native allotments F-13611, F-17053 and F-17204 Parcel A;
- Sec. 16, excluding Native allotments F-18289 Parcel B and F-17217 Parcel B;
- Sec. 17, excluding Native allotments F-17217 Parcel B, F-17076 Parcel B and F-17067 Parcel A;
- Sec. 18, excluding Native allotment F-17055;
- Sec. 19, excluding Native allotment F-19260;
- Sec. 20, excluding Native allotments F-13781 Parcel B and F-19260;
- Sec. 21, excluding Native allotment F-13781 Parcel B;
- Sec. 22, excluding the Kuskokuak Slough and Native allotment F-17053;
- Sec. 23, excluding the Kuskokuak Slough and Native allotments F-17067 Parcel B, F-17205, F-13781 Parcel A and F-17052 Parcel A;
- Sec. 24, excluding Native allotment F-17059 Parcel A;

Sec. 25, excluding Native allotments F-14189,
F-025345 Parcel B and F-17078 Parcel A;
Sec. 26, excluding Native allotment F-17054
Parcel A;
Sec. 27, all;
Sec. 28, excluding Native allotment F-17015
Parcel C;
Sec. 29, excluding Native allotments F-19260
and F-13781 Parcel B;
Sec. 30, excluding Native allotment F-19260;
Secs. 31, 32 and 33, all;
Sec. 34, excluding Native allotment F-17219
Parcel A;
Sec. 35, excluding Native allotment F-17218
Parcel B;
Sec. 36, all.

Containing approximately 17,878 acres.

T. 9 N., R. 69 W.

Secs. 25 and 26, excluding the Kuskokwim River;
Sec. 27, all;
Sec. 34, all;
Sec. 35, excluding the Kuskokwim River and Native
allotment F-17079;
Sec. 36, excluding the Kuskokuak Slough and Native
allotment F-17050 Parcel A.

Containing approximately 2,905 acres.

T. 8 N., R. 70 W.

Sec. 1, excluding the Kuskokwim River and Native
allotment F-13556 Parcel A;
Secs. 2 and 3, excluding the Kuskokwim River;
Sec. 4, excluding the Kuskokwim River and Church
Slough;
Sec. 9, excluding the Kuskokwim River, Church
Slough, Tupuknuk Slough and Native allotment
F-17051 Parcel B;
Sec. 10, excluding the Kuskokwim River, Tupuknuk
Slough and Native allotments F-13111,
F-17056 Parcel B, F-19256 Parcel A and
F-025345 Parcel A;
Sec. 11, excluding the Kuskokwim River, Kuskokuak
Slough and Native allotments F-13111,
F-13556 Parcel A, F-17019 Parcel A and
F-17074 Parcel A;
Sec. 12, excluding the Kuskokwim River, Kuskokuak
Slough and Native allotments F-17074 Parcel A,
F-13556 Parcel A, F-18288 Parcel A and F-19257
Parcel A;
Sec. 13, excluding the Kuskokuak Slough and Native
allotment F-17074 Parcel B;

Sec. 14, excluding the Kuskokuak Slough;
Sec. 15, excluding Native allotment F-17075;
Sec. 16, excluding the Tupuknuk Slough;
Sec. 21, excluding the Tupuknuk Slough;
Secs. 22 and 23, all;
Sec. 24, excluding Native allotment F-17074
Parcel B;
Secs. 25, 26 and 27, all;
Sec. 28, excluding Native allotment F-17056
Parcel A;
Secs. 33 to 36, inclusive, all.

Containing approximately 12,706 acres.

Aggregating approximately 131,463 acres.

The conveyance issued for the surface estate of the lands described above shall contain the following reservations to the United States:

1. The subsurface estate therein, and all rights, privileges, immunities and appurtenances, of whatsoever nature, accruing unto said estate pursuant to the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 704; 43 U.S.C. 1601, 1613(f) (Supp. V, 1975)); and
2. Pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 708; 43 U.S.C. 1601, 1616(b) (Supp. V, 1975)), the following public easements, referenced by easement identification number (EIN) on the easement maps in case file F-14883-EE, are reserved to the United States and subject to further regulation thereby:
 - a. (EIN 2 L) A streamside easement twenty-five (25) feet in width upland of and parallel to the ordinary high water mark on all banks and an easement on the entire bed of the Kwethluk River from the point of tidal influence in Sec. 4, T. 8 N., R. 69 W., Seward Meridian, upstream to Sec. 1, T. 5 N., R. 68 W., Seward Meridian. Purpose is to provide for public use of waters having highly significant present recreational use.
 - b. (EIN 11 C4) A site easement upland of the ordinary high water mark in Sec. 10, T. 6 N., R. 68 W., Seward Meridian, on the left bank of the Kwethluk River. The site is one (1) acre in size with an additional twenty-five (25) foot

wide easement on the bed of the river along the entire waterfront of the site. The site is for camping, staging, and vehicle use.

- c. (EIN 13 C) The right of the United States to enter upon the lands hereinabove granted for cadastral, geodetic or other survey purposes is reserved, together with the right to do all things necessary in connection therewith.
- d. (EIN 14 C) A continuous linear easement twenty-five (25) feet in width upland of and parallel to the mean high tide line in order to provide access to and along the marine coastline and use of such shore for purposes such as beaching of watercraft or aircraft, travel along the shore, recreation and other similar uses. Deviations from the waterline are permitted when specific conditions so require, e.g., impassable topography or waterfront obstruction. This easement is subject to the right of the owner of the servient estate to build upon such easement a facility for public or private purposes, such right to be exercised reasonably and without undue or unnecessary interference with or obstruction of the easement. When access along the marine coastline easement is to be obstructed, the owner of the servient estate will be obligated to convey to the United States an acceptable alternate access route, at no cost to the United States, prior to the creation of such obstruction.

These reservations have not been conformed to the Departmental easement policy announced March 3, 1978, and published as final rulemaking on November 27, 1978, 43 FR 55326. Conformance will be made at a later date in accordance with the terms and conditions of the agreement dated August 23, 1978 between the Secretary of the Interior, Calista Corporation and Kwethluk Incorporated.

The grant of lands shall be subject to:

1. Issuance of a patent confirming the boundary description of the lands hereinabove granted after approval and filing by the Bureau of Land Management of the official plat of survey covering such lands;
2. Valid existing rights therein, if any, including but not limited to those created by any lease

(including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (72 Stat. 339, 341; 48 U.S.C. Ch. 2, Sec. 6(g) (1970))), contract, permit, right-of-way or easement, and the right of the lessee, contractee, permittee or grantee to the complete enjoyment of all rights, privileges and benefits thereby granted to him. Further, pursuant to Sec. 17(b)(2) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688; 43 U.S.C. 1601) Supp. V, 1975)), any valid existing right recognized by said act shall continue to have whatever right of access as is now provided for under existing law;

3. Requirements of Sec. 14(c) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 703; 43 U.S.C. 1601, 1613(c) (Supp. V, 1975)), that the grantee hereunder convey those portions, if any, of the lands hereinabove granted, as are prescribed in said section; and
4. The terms and conditions of the agreement dated August 23, 1978, between the Secretary of the Interior, Calista Corporation and Kwethluk Incorporated. A copy of the agreement shall be attached to and become a part of the conveyance document and shall be recorded therewith. A copy of the agreement is located in the Bureau of Land Management easement case file for Kwethluk Incorporated, serialized F-14883-EE. Any person wishing to examine this agreement may do so at the Bureau of Land Management, Alaska State Office, 701 C Street, Anchorage, Alaska.

Kwethluk Incorporated is entitled to conveyance of 138,240 acres of land selected pursuant to Sec. 12(a) of the Alaska Native Claims Settlement Act. To date, approximately 131,463 acres of this entitlement have been approved for conveyance; the remaining entitlement of approximately 6,777 acres will be conveyed at a later date.

Pursuant to Sec. 14(f) of the Alaska Native Claims Settlement Act, conveyance to the subsurface estate of the lands described above will be granted to Calista Corporation at the same time conveyance is granted to Kwethluk Incorporated for the surface estate, and shall be subject to the same conditions as the surface conveyance.

The Kuskokwim River, Kuskokuak Slough, Tupuknuk Slough and Church Slough are considered to be subject to tidal influence and navigable throughout the Kwethluk selection.

Enclosed are copies of current status plats showing the lands approved for conveyance along with maps showing the easements to be reserved.

In accordance with Departmental regulation 43 CFR 2650.7(d) notice of this decision is being published once in the Federal Register and once a week, for four (4) consecutive weeks, in both the Anchorage Times and The Tundra Drums. Any party claiming a property interest in lands affected by this decision may appeal the decision to the Alaska Native Claims Appeal Board, P.O. Box 2433, Anchorage, Alaska 99510, with a copy served upon both the Bureau of Land Management, Alaska State Office, 701 C Street, Box 13, Anchorage, Alaska 99513 and the Regional Solicitor, Office of the Solicitor, 510 L Street, Suite 408, Anchorage, Alaska 99501, also:

1. Any party receiving service of this decision shall have 30 days from the receipt of this decision to file an appeal.
2. Any unknown parties, any parties unable to be located after reasonable efforts have been expended to locate, and any parties who failed or refused to sign the return receipt shall have until APR 11 1979 to file an appeal.
3. Any party known or unknown who may claim a property interest which is adversely affected by this decision shall be deemed to have waived those rights which were adversely affected unless an appeal is timely filed with the Alaska Native Claims Appeal Board.

To avoid summary dismissal of the appeal, there must be strict compliance with the regulations governing such appeals. (See enclosed ASO Form 2650-4.)

If an appeal is taken, the parties to be served are:

Kwethluk Incorporated
Kwethluk, Alaska 99621

Calista Corporation
516 Denali Street
Anchorage, Alaska 99501

7s/ Judith A. Kammins
Chief, Division of ANCSA
Operations

Enclosures:

ASO Form 2650-4
Cy 43 CFR Part 4, Subpart J
Plats
Maps
Legend

cc:

Joint Federal-State Land Use
Planning Commission for Alaska
733 West Fourth Avenue
Anchorage, Alaska 99501
(w/maps)

State of Alaska
Division of Lands
323 East Fourth Avenue
Anchorage, Alaska 99501
(w/maps)

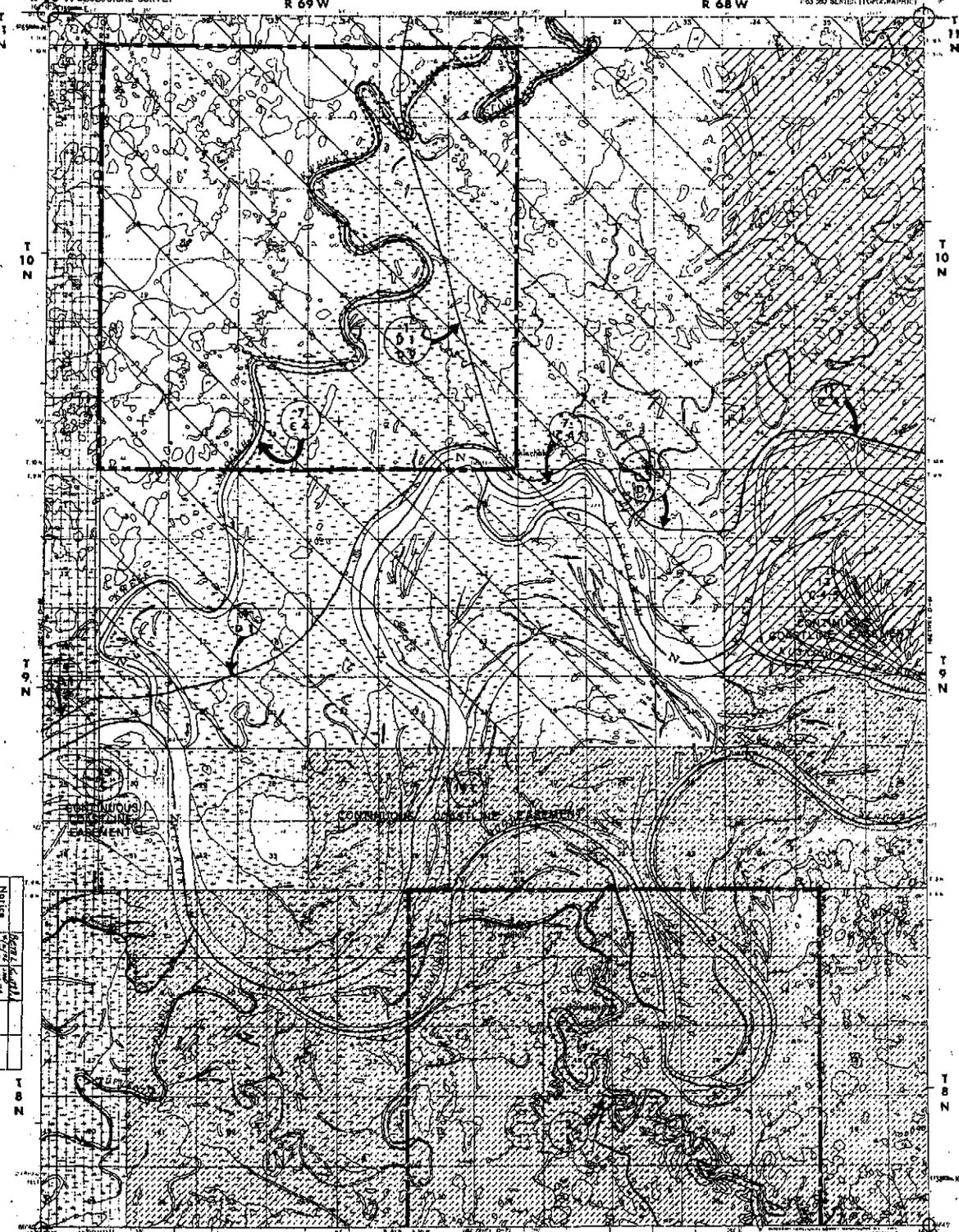
Birch, Horton, Bittner and Monroe, Inc.
Attn: Michael R. Spaan
733 West Fourth Avenue, Suite 206
Anchorage, Alaska 99501
(w/maps and plats)

Cole, Hartig, Rhodes, Norman & Mahoney
717 K Street, Suite 201
Anchorage, Alaska 99501
(w/maps and plats)

Mr. Earle Williams (flp)
17th Coast Guard District
P.O. Box 3-5000
Juneau, Alaska 99802
(w/maps and plats)

DM-A (018)
(w/maps)

961/MKonklin/SDunn/DDiakakis:pd 01/29/79:ex-134/140



Notice	1/27/74
Decision	2/2/74
Comment	

Bethel
EIN 18 C
assessment for general
survey purposes.

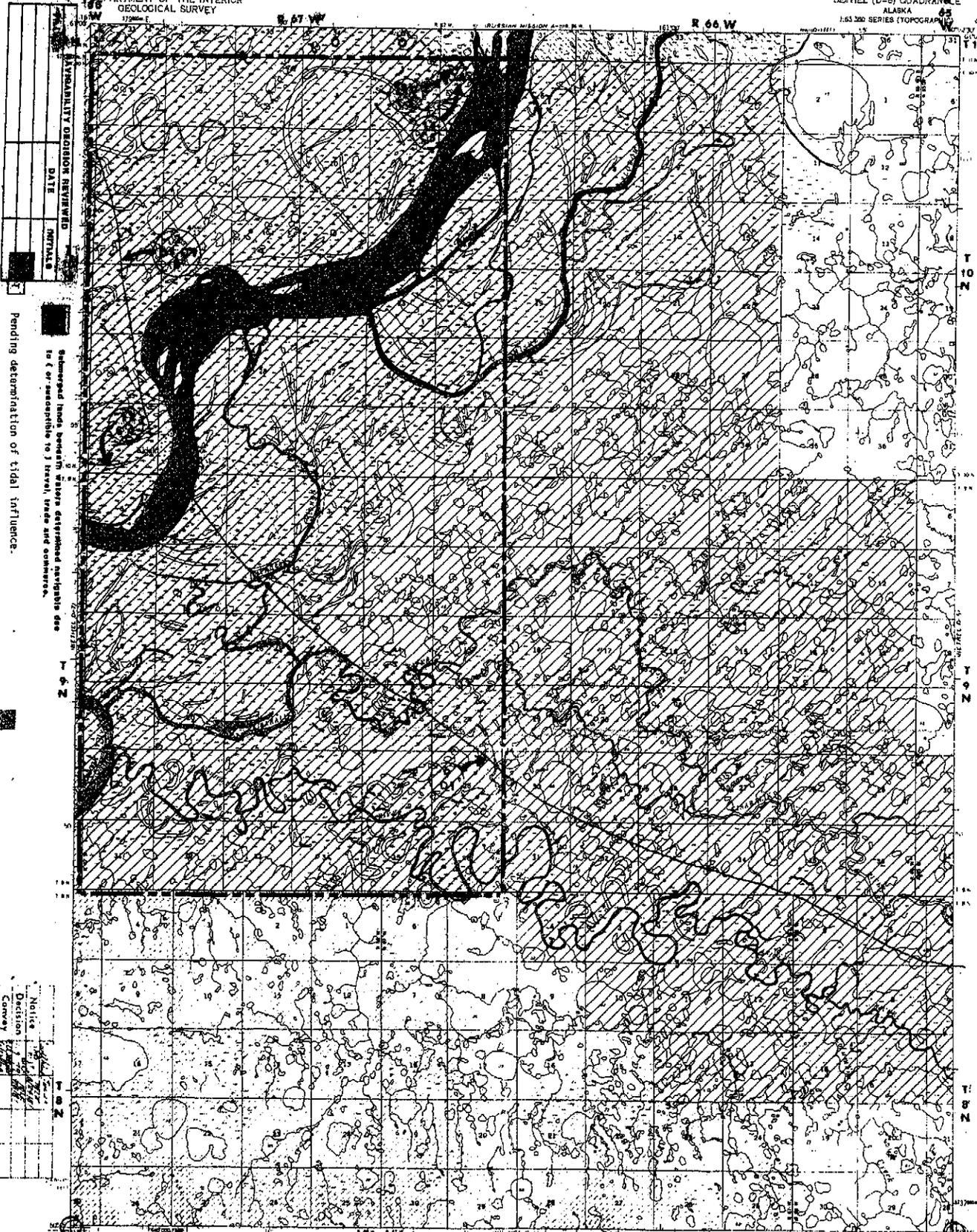
Bethel
EIN 13 C
assessment for general
survey purposes.
Kwethluk

DC with 2/2/74

Prepared by the Army Map Service
Edited and published by the Geological Survey
Controlled by 100-6-05 and 105-6
Topographic by photogrammetry, methods from aerial photographs
taken 1952 and 1953; land assessment 1964. Map not valid for use
without Topographic Note-plate production, 1973. Most known details
10,000-foot grid based on Alaska coordinate system, zone 7
1960 major (Universal Transverse Mercator) and 600,000
zone 4, shown in blue.
Land lines represented conventional and uncolored features
approved by the Bureau of Land Management
File S. S. Second Edition

Application of Dec. 17, 1974
Represents nearest whole section.
(application may be less than 640 acres)
CORRECTION PER 100-6-05
AKIACHAK VILLAGE SELECTION
AKIAK VILLAGE SELECTION

PCO 12/19/75
KWETHLUK
AKIACHAK
BETHEL VILLAGE SELECTION
KWETHLUK VILLAGE SELECTION
BETHEL (D-7) ALASKA



REVISION	DATE	INITIALS

Pending determination of tidal influence.

Submerged lands between stations determined separately due to (a) or (b) or (c) or (d) or (e) or (f) or (g) or (h) or (i) or (j) or (k) or (l) or (m) or (n) or (o) or (p) or (q) or (r) or (s) or (t) or (u) or (v) or (w) or (x) or (y) or (z) or (aa) or (ab) or (ac) or (ad) or (ae) or (af) or (ag) or (ah) or (ai) or (aj) or (ak) or (al) or (am) or (an) or (ao) or (ap) or (aq) or (ar) or (as) or (at) or (au) or (av) or (aw) or (ax) or (ay) or (az) or (ba) or (bb) or (bc) or (bd) or (be) or (bf) or (bg) or (bh) or (bi) or (bj) or (bk) or (bl) or (bm) or (bn) or (bo) or (bp) or (bq) or (br) or (bs) or (bt) or (bu) or (bv) or (bw) or (bx) or (by) or (bz) or (ca) or (cb) or (cc) or (cd) or (ce) or (cf) or (cg) or (ch) or (ci) or (cj) or (ck) or (cl) or (cm) or (cn) or (co) or (cp) or (cq) or (cr) or (cs) or (ct) or (cu) or (cv) or (cw) or (cx) or (cy) or (cz) or (da) or (db) or (dc) or (dd) or (de) or (df) or (dg) or (dh) or (di) or (dj) or (dk) or (dl) or (dm) or (dn) or (do) or (dp) or (dq) or (dr) or (ds) or (dt) or (du) or (dv) or (dw) or (dx) or (dy) or (dz) or (ea) or (eb) or (ec) or (ed) or (ee) or (ef) or (eg) or (eh) or (ei) or (ej) or (ek) or (el) or (em) or (en) or (eo) or (ep) or (eq) or (er) or (es) or (et) or (eu) or (ev) or (ew) or (ex) or (ey) or (ez) or (fa) or (fb) or (fc) or (fd) or (fe) or (ff) or (fg) or (fh) or (fi) or (fj) or (fk) or (fl) or (fm) or (fn) or (fo) or (fp) or (fq) or (fr) or (fs) or (ft) or (fu) or (fv) or (fw) or (fx) or (fy) or (fz) or (ga) or (gb) or (gc) or (gd) or (ge) or (gf) or (gg) or (gh) or (gi) or (gj) or (gk) or (gl) or (gm) or (gn) or (go) or (gp) or (gq) or (gr) or (gs) or (gt) or (gu) or (gv) or (gw) or (gx) or (gy) or (gz) or (ha) or (hb) or (hc) or (hd) or (he) or (hf) or (hg) or (hh) or (hi) or (hj) or (hk) or (hl) or (hm) or (hn) or (ho) or (hp) or (hq) or (hr) or (hs) or (ht) or (hu) or (hv) or (hw) or (hx) or (hy) or (hz) or (ia) or (ib) or (ic) or (id) or (ie) or (if) or (ig) or (ih) or (ii) or (ij) or (ik) or (il) or (im) or (in) or (io) or (ip) or (iq) or (ir) or (is) or (it) or (iu) or (iv) or (iw) or (ix) or (iy) or (iz) or (ja) or (jb) or (jc) or (jd) or (je) or (jf) or (jg) or (jh) or (ji) or (jj) or (jk) or (jl) or (jm) or (jn) or (jo) or (jp) or (jq) or (jr) or (js) or (jt) or (ju) or (jv) or (jw) or (jx) or (jy) or (jz) or (ka) or (kb) or (kc) or (kd) or (ke) or (kf) or (kg) or (kh) or (ki) or (kj) or (kk) or (kl) or (km) or (kn) or (ko) or (kp) or (kq) or (kr) or (ks) or (kt) or (ku) or (kv) or (kw) or (kx) or (ky) or (kz) or (la) or (lb) or (lc) or (ld) or (le) or (lf) or (lg) or (lh) or (li) or (lj) or (lk) or (ll) or (lm) or (ln) or (lo) or (lp) or (lq) or (lr) or (ls) or (lt) or (lu) or (lv) or (lw) or (lx) or (ly) or (lz) or (ma) or (mb) or (mc) or (md) or (me) or (mf) or (mg) or (mh) or (mi) or (mj) or (mk) or (ml) or (mm) or (mn) or (mo) or (mp) or (mq) or (mr) or (ms) or (mt) or (mu) or (mv) or (mw) or (mx) or (my) or (mz) or (na) or (nb) or (nc) or (nd) or (ne) or (nf) or (ng) or (nh) or (ni) or (nj) or (nk) or (nl) or (nm) or (nn) or (no) or (np) or (nq) or (nr) or (ns) or (nt) or (nu) or (nv) or (nw) or (nx) or (ny) or (nz) or (oa) or (ob) or (oc) or (od) or (oe) or (of) or (og) or (oh) or (oi) or (oj) or (ok) or (ol) or (om) or (on) or (oo) or (op) or (oq) or (or) or (os) or (ot) or (ou) or (ov) or (ow) or (ox) or (oy) or (oz) or (pa) or (pb) or (pc) or (pd) or (pe) or (pf) or (pg) or (ph) or (pi) or (pj) or (pk) or (pl) or (pm) or (pn) or (po) or (pp) or (pq) or (pr) or (ps) or (pt) or (pu) or (pv) or (pw) or (px) or (py) or (pz) or (qa) or (qb) or (qc) or (qd) or (qe) or (qf) or (qg) or (qh) or (qi) or (qj) or (qk) or (ql) or (qm) or (qn) or (qo) or (qp) or (qq) or (qr) or (qs) or (qt) or (qu) or (qv) or (qw) or (qx) or (qy) or (qz) or (ra) or (rb) or (rc) or (rd) or (re) or (rf) or (rg) or (rh) or (ri) or (rj) or (rk) or (rl) or (rm) or (rn) or (ro) or (rp) or (rq) or (rr) or (rs) or (rt) or (ru) or (rv) or (rw) or (rx) or (ry) or (rz) or (sa) or (sb) or (sc) or (sd) or (se) or (sf) or (sg) or (sh) or (si) or (sj) or (sk) or (sl) or (sm) or (sn) or (so) or (sp) or (sq) or (sr) or (ss) or (st) or (su) or (sv) or (sw) or (sx) or (sy) or (sz) or (ta) or (tb) or (tc) or (td) or (te) or (tf) or (tg) or (th) or (ti) or (tj) or (tk) or (tl) or (tm) or (tn) or (to) or (tp) or (tq) or (tr) or (ts) or (tt) or (tu) or (tv) or (tw) or (tx) or (ty) or (tz) or (ua) or (ub) or (uc) or (ud) or (ue) or (uf) or (ug) or (uh) or (ui) or (uj) or (uk) or (ul) or (um) or (un) or (uo) or (up) or (uq) or (ur) or (us) or (ut) or (uu) or (uv) or (uw) or (ux) or (uy) or (uz) or (va) or (vb) or (vc) or (vd) or (ve) or (vf) or (vg) or (vh) or (vi) or (vj) or (vk) or (vl) or (vm) or (vn) or (vo) or (vp) or (vq) or (vr) or (vs) or (vt) or (vu) or (vv) or (vw) or (vx) or (vy) or (vz) or (wa) or (wb) or (wc) or (wd) or (we) or (wf) or (wg) or (wh) or (wi) or (wj) or (wk) or (wl) or (wm) or (wn) or (wo) or (wp) or (wq) or (wr) or (ws) or (wt) or (wu) or (wv) or (ww) or (wx) or (wy) or (wz) or (xa) or (xb) or (xc) or (xd) or (xe) or (xf) or (xg) or (xh) or (xi) or (xj) or (xk) or (xl) or (xm) or (xn) or (xo) or (xp) or (xq) or (xr) or (xs) or (xt) or (xu) or (xv) or (xw) or (xx) or (xy) or (xz) or (ya) or (yb) or (yc) or (yd) or (ye) or (yf) or (yg) or (yh) or (yi) or (yj) or (yk) or (yl) or (ym) or (yn) or (yo) or (yp) or (yq) or (yr) or (ys) or (yt) or (yu) or (yv) or (yw) or (yx) or (yy) or (yz) or (za) or (zb) or (zc) or (zd) or (ze) or (zf) or (zg) or (zh) or (zi) or (zj) or (zk) or (zl) or (zm) or (zn) or (zo) or (zp) or (zq) or (zr) or (zs) or (zt) or (zu) or (zv) or (zw) or (zx) or (zy) or (zz)

Notice	
Decision	
Convey	

KLUKSAK VILLAGE SELECTION

Approved by the Army Map Service
Edited and published by the Geological Survey
Copyright 1954 by the Geological Survey
1000 Major Street, Denver 25, Colorado
1954

KWETHLUK VILLAGE SELECTION

Application of **SECTION 10, ACT OF MARCH 3, 1879**
FOR SALE BY U.S. GEOLOGICAL SURVEY
Represents nearest whole section (SCALE 1:50,000)
(Application to be less than 640 acres)
FAIRBANKS, ALASKA, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A HOLDER DESCRIBING TOPOGRAPHICAL DATA AND SEVERALS IS AVAILABLE ON REQUEST

AKIAK VILLAGE SELECTION

PCB 12/14/75
KWETHLUK
AKIAK
BETHEL (D-6), ALASKA
1954

IMPORTANT DOCUMENT ATTACHED

United States Department of the Interior

IN REPLY REFER TO
1862 (961)
F-14883-A

BUREAU OF LAND MANAGEMENT
State Office
555 Cordova Street, Pouch 7-512
Anchorage, Alaska 99510

**Kasigluk River
Interim Summary Report
Attachment 5**

ASO 1862-4
(Nov. 1978)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUL 20 1979

Calista Corporation
516 Denali Street
Anchorage, Alaska 99501

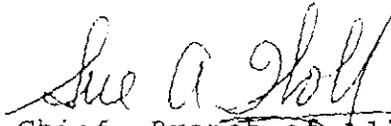
Gentlemen:

We are happy to transmit the enclosed interim conveyance.

This is the original document conveying the described land from the United States to you. It should be kept in a safe place. If you are satisfied that it is correct, you should immediately record it in the Office of Recorder (District Magistrate) of the precinct in which the property is located.

If you have any questions as to where you should record your interim conveyance, please contact the State Recorder, State of Alaska, Department of Administration, 941 West Fourth Avenue, Anchorage, Alaska 99501. Be sure to include the property description when writing for more information.

Sincerely yours,


Chief, Branch of Adjudication

Enclosures:
Interim Conveyance
Maps

INTERIM CONVEYANCE NO.

214



Save Energy and You Serve America!

case file

INTERIM CONVEYANCE

GREENMAN

Calista Corporation

LDI
REC. 11/21/78
JMC 7/26/79
EAC
A/C

is entitled to a conveyance pursuant to Secs. 14(f) and 22(j) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 704, 715; 43 U.S.C. 1601, 1613(f), 1613(j) (1976)), of the subsurface estate in the hereinbelow identified interim conveyance of the surface estate in the following described lands:

INTERIM CONVEYANCE NO. 213
Seward Meridian, Alaska (Unsurveyed)

Handwritten: No. 14-1-100

T. 6 N., R. 67 W.
Secs. 4 and 5, all;
Secs. 8 and 9, all;
Secs. 16 and 17, all;
Secs. 20, 21 and 22, all;
Secs. 27 and 28, all;
Sec. 31, all;
Sec. 34, all.

Containing approximately 8,309 acres.

T. 7 N., R. 67 W.
Sec. 1, all;
Sec. 2, excluding Native allotment F-17072
Parcel C;
Secs. 3 to 7, inclusive, all;
Secs. 11 and 12, all;
Secs. 17 to 20, inclusive, all;
Secs. 28, 29 and 30, all;
Secs. 32 and 33, all.

Containing approximately 11,307 acres.

T. 8 N., R. 67 W.
Secs. 5 to 9, inclusive, all;
Secs. 17 to 20, inclusive, all;
Secs. 29, 30 and 31, all;
Sec. 32, excluding Native allotment F-029105
Parcel B;
Secs. 33 to 36, inclusive, all.

Containing approximately 10,600 acres.

T. 6 N., R. 68 W.
Secs. 1 to 9, inclusive, all;
Sec. 10, excluding Native allotment F-17216;
Secs. 11 to 14, inclusive, all;
Sec. 15, excluding Native allotments F-17050
Parcel B and F-17216;
Sec. 16, all;
Secs. 22 and 23, all;
Sec. 24, excluding Native allotment F-19254
Parcel B;
Sec. 25, excluding Native allotments F-16016
and F-17204 Parcel B;

Interim Conveyance No. 214

Handwritten: EAC 7/20/79

Date JUL 12 1979

Sec. 26, all;
Sec. 35, all;
Sec. 36, excluding Native allotments F-16016
and F-16008 Parcel A.

Containing approximately 14,027 acres.

T. 7 N., R. 68 W.

Secs. 1 and 2, all;
Sec. 3, excluding Native allotment F-17212
Parcel B;
Secs. 4 to 7, inclusive, all;
Sec. 8, excluding Native allotments F-17221
Parcel B, F-17210 Parcel C, and F-17222;
Sec. 9, excluding Native allotment F-17222;
Sec. 10, excluding Native allotment F-17212
Parcel C;
Secs. 11 and 12, all;
Sec. 13, excluding Native allotment F-16015;
Secs. 14 and 15, all;
Sec. 16, excluding Native allotments F-17214
Parcel A and F-17057 Parcel A;
Sec. 17, excluding Native allotment F-17214
Parcel A;
Sec. 18, excluding Native allotment F-17072
Parcel B;
Sec. 19, excluding Native allotments F-17061
Parcel A, F-16807 Parcel B, and F-16803;
Sec. 20, excluding Native allotments F-16803,
F-17214 Parcel A, and F-17015 Parcel A;
Sec. 21, excluding Native allotments F-17214
Parcel A and F-16013 Parcel A;
Secs. 22 to 27, inclusive, all;
Sec. 28, excluding Native allotment F-16724
Parcel C;
Secs. 29 to 36, inclusive, all.

Containing approximately 21,655 acres.

*Am. Indian
Trust Co.*

T. 8 N., R. 68 W.

Secs. 1 to 18, inclusive, all;
Sec. 19, excluding Native allotment F-17099
Parcel B;
Secs. 20 to 27, inclusive, all;
Sec. 28, excluding Native allotments F-19262
Parcel A and F-17099 Parcel A;
Sec. 29, excluding Native allotments F-19262
Parcel A and F-17211;
Sec. 30, excluding Native allotments F-17099
Parcel B, F-19262 Parcel B, F-025345 Parcel B,
F-17073 Parcel A, and F-17060 Parcel B;
Sec. 31, excluding Native allotment F-17212
Parcel D;
Sec. 32, excluding Native allotments F-17212
Parcel D and F-17211;
Sec. 33, excluding Native allotments F-17073
Parcel B, F-17212 Parcel A, and F-16009;
Secs. 34, 35 and 36, all.

Containing approximately 21,769 acres.

*Am. Indian
Trust Co.*

T. 9 N., R. 68 W.

Sec. 22, excluding the Kuskokusk Slough and
Native allotments F-16595 and F-16592;

214

Interim Conveyance No. _____

Date JUL 12 1979 _____

Sec. 23, excluding the Kuskokuak Slough and Native allotment F-16592;
 Secs. 24, 25 and 26, excluding the Kuskokuak Slough;
 Sec. 27, excluding the Kuskokuak Slough and Native allotment F-17220 Parcel B;
 Sec. 28, excluding the Kuskokuak Slough and Native allotment F-13380;
 Sec. 29, excluding the Kuskokuak Slough;
 Sec. 30, excluding the Kuskokuak Slough and Native allotment F-17206 Parcel B;
 Sec. 31, excluding the Kuskokuak Slough and Native allotment F-17080;
 Sec. 32, excluding the Kuskokuak Slough and Native allotments F-17080 and F-17214 Parcel B;
 Sec. 33, excluding the Kuskokuak Slough;
 Sec. 34, all;
 Sec. 35, excluding the Kuskokuak Slough and Native allotments F-17213, F-17069, and F-17215;
 Sec. 36, excluding the Kuskokuak Slough and Native allotments F-17069 and F-17215.

Containing approximately 7,030 acres.

✓ T. 7 N., R. 69 W.

Sec. 1, all;
 Sec. 2, excluding Native allotment F-16182 Parcel A;
 Sec. 3, excluding Native allotment F-17219 Parcel A;
 Sec. 11, excluding Native allotments F-16181 Parcel A, F-16481 Parcel B, F-17607, and F-16182 Parcel B;
 Sec. 12, excluding Native allotments F-17050 Parcel C and F-17052 Parcel B;
 Sec. 13, excluding Native allotment F-17210 Parcel B.

Containing approximately 3,217 acres.

✓ T. 8 N., R. 69 W.

Sec. 1, excluding Native allotment F-17207;
 Sec. 2, excluding the Kuskokuak Slough;
 Sec. 3, excluding the Kuskokuak Slough and Native allotment F-17214 Parcel B;
 Sec. 4, excluding the Kuskokuak Slough, Tract C of U.S. Survey No. 4221, and Native allotments F-17221 Parcel A, F-16481 Parcel A, F-17057 Parcel B, and F-17072 Parcel A;
 Sec. 5, excluding the Kuskokuak Slough, Tracts A, C and D of U.S. Survey No. 4221, and Native allotments F-17054 Parcel B, F-17050 Parcel A, and F-17070 Parcel A;
 Sec. 6, excluding the Kuskokuak River, Kuskokuak Slough, Tracts A, B and D of U.S. Survey No. 4221 and Native allotments F-17054 Parcel B, F-17076 Parcel A, F-17218 Parcel C, F-17219 Parcel B and F-13559 Parcel A;
 Sec. 7, excluding the Kuskokuak Slough and Native allotments F-13559 Parcel A, F-17060 Parcel A, and F-19257 Parcel A;
 Sec. 8, all;

214

Interim Conveyance No. _____
 Date JUL 12 1979 _____

T. 3 N., R. 7 E.

- Sec. 1, excluding the Kuskokwin River and Native allotment F-13556 Parcel A;
- Secs. 2 and 3, excluding the Kuskokwin River;
- Sec. 4, excluding the Kuskokwin River and Church Slough;
- Sec. 5, excluding the Kuskokwin River, Church Slough, Tupuknak Slough, and Native allotment F-17074 Parcel B;
- Sec. 10, excluding the Kuskokwin River, Tupuknak Slough, and Native allotments F-13111, F-17056 Parcel A, F-19256 Parcel A, and F-215345 Parcel A;
- Sec. 11, excluding the Kuskokwin River and Native allotment F-13556 Parcel A; and, excluding the Kuskokwin River, Kuskoknak Slough, and Native allotment F-13111;
- Sec. 12, excluding the Kuskokwin River, Kuskoknak Slough and Native allotments F-17074 Parcel A, F-19256 Parcel A, F-19233 Parcel A, and F-19257 Parcel A;
- Sec. 13, excluding the Kuskoknak Slough and Native allotment F-17074 Parcel A;
- Sec. 14, excluding the Kuskoknak Slough;
- Sec. 15, excluding Native allotment F-17075;
- Sec. 16, excluding the Tupuknak Slough;
- Sec. 21, excluding the Tupuknak Slough;
- Secs. 22 and 23, all;
- Sec. 24, excluding Native allotment F-17074 Parcel A;
- Secs. 25, 26 and 27, all;
- Sec. 28, excluding Native allotment F-17056 Parcel A;
- Secs. 33 to 36, inclusive, all.

Containing approximately 12,692 acres.

Aggregating approximately 131,940 acres.

FOR KNOW TO, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation, the subsurface estate in the land above-described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereto belonging unto the said corporation, its successors and assigns, forever.

THE GRANT OF THE ABOVE-DESCRIBED LAND IS SUBJECT TO all the easements and rights-of-way reserved in the aforementioned conveyance of the surface estate, and to valid existing rights, if any, in the said subsurface estate, including but not limited to those created by any lease (including a lease issued under Sec. 3(a) of the Alaska Statehood Act of July 7, 1958 (72 Stat. 359, 361; 42 U.S.C. Ch. 2, Sec. 3(g) (1976))), contract, permit, right-of-way or easement, and the right of the lessee, contractor, permittee or grantee to the complete enjoyment of the rights, privileges and benefits thereby granted to him, and the grant of the lands is further subject to the terms and conditions of the agreement dated August 23, 1974, between the Secretary of the Interior, Galisteo Corporation and Iqathluk Incorporated. A copy of the agreement is hereby attached to and made a part of this conveyance document and shall be recorded therewith.

F-14883-A

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereunto affixed on this 12th day of July, 1979, in Anchorage, Alaska.

UNITED STATES OF AMERICA

Robert D. Arnold

Robert D. Arnold
Assistant to the State Director
ALCSA

214

Interim Conveyance No. _____
Date JUL 12 1979

IMPORTANT DOCUMENT ATTACHED

IN REPLY REFER TO
1362 (961)

United States Department of the Interior

F-14883-A



BUREAU OF LAND MANAGEMENT
State Office
555 Cordova Street, Pouch 7-512
Anchorage, Alaska 99510

ASO 1862-4
(Nov. 1978)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUL 20 1979

Kwethluk Incorporated
Kwethluk, Alaska 99621

Gentlemen:

We are happy to transmit the enclosed interim conveyance.

This is the original document conveying the described land from the United States to you. It should be kept in a safe place. If you are satisfied that it is correct, you should immediately record it in the Office of Recorder (District Magistrate) of the precinct in which the property is located.

If you have any questions as to where you should record your interim conveyance, please contact the State Recorder, State of Alaska, Department of Administration, 941 West Fourth Avenue, Anchorage, Alaska 99501. Be sure to include the property description when writing for more information.

Sincerely yours,

Sue A. Hoff
Chief, Branch of Adjudication

Enclosures:
Interim Conveyance
Maps

INTERIM CONVEYANCE NO.

213



Save Energy and You Serve America!

Case file

CENTRAL COMPANY OF

WJ
11/22/79
JMS 2/26/80
CJ
KJ

CHITINA,

Ivethlak Incorporated

is entitled to a conveyance pursuant to Secs. 14(a) and 25(i) of the Alaska Native Claims Settlement Act of December 18, 1971 (25 U.S.C. 638, 702, 715; 43 U.S.C. 1601, 1612(a), 1621(j) (1976)), of the surface estate in the following described lands:

Edward Teridian, Alaska (Unsurveyed)

- T. 6 N., R. 67 W.
- Secs. 4 and 5, all;
- Secs. 8 and 9, all;
- Secs. 16 and 17, all;
- Secs. 20, 21 and 22, all;
- Secs. 27 and 28, all;
- Sec. 31, all;
- Sec. 34, all.

Containing approximately 8,300 acres.

- T. 7 N., R. 67 W.
- Sec. 1, all;
- Sec. 2, excluding Native allotment F-17772 Parcel C;
- Secs. 3 to 7, inclusive, all;
- Secs. 11 and 12, all;
- Secs. 17 to 20, inclusive, all;
- Secs. 28, 29 and 30, all;
- Secs. 32 and 33, all.

Containing approximately 11,307 acres.

- T. 8 N., R. 67 W.
- Secs. 5 to 9, inclusive, all;
- Secs. 17 to 20, inclusive, all;
- Secs. 29, 30 and 31, all;
- Sec. 32, excluding Native allotment F-829185 Parcel F;
- Secs. 33 to 36, inclusive, all.

Containing approximately 10,560 acres.

- T. 6 N., R. 68 W.
- Secs. 1 to 9, inclusive, all;
- Sec. 13, excluding Native allotment F-17216;
- Secs. 14 to 14, inclusive, all;
- Sec. 15, excluding Native allotments F-17080 Parcel B and F-17216;
- Sec. 16, all;
- Secs. 22 and 23, all;
- Sec. 24, excluding Native allotment F-10254 Parcel B;
- Sec. 25, excluding Native allotments F-16916 and F-17204 Parcel C;
- Sec. 26, all;
- Sec. 34, all;

300
7/20/79
78

Sec. 36, excluding Native allotments F-16616
and F-16608 Parcel A.

Containing approximately 14,827 acres.

T. 7 N., R. 63 W.

Secs. 1 and 2, all;
Sec. 3, excluding Native allotment F-17212
Parcel B;
Secs. 4 to 7, inclusive, all;
Sec. 8, excluding Native allotments F-17221
Parcel B, F-17216 Parcel C, and F-17222;
Sec. 9, excluding Native allotment F-17223;
Sec. 10, excluding Native allotment F-17212
Parcel C;
Secs. 11 and 12, all;
Sec. 13, excluding Native allotment F-16915;
Secs. 14 and 15, all;
Sec. 16, excluding Native allotments F-17214
Parcel A and F-17057 Parcel A;
Sec. 17, excluding Native allotment F-17214
Parcel A;
Sec. 18, excluding Native allotment F-17072
Parcel B;
Sec. 19, excluding Native allotments F-17061
Parcel A, F-16507 Parcel B, and F-16403;
Sec. 20, excluding Native allotments F-16503,
F-17214 Parcel A, and F-17015 Parcel A;
Sec. 21, excluding Native allotments F-17214
Parcel A and F-16911 Parcel A;
Secs. 22 to 27, inclusive, all;
Sec. 28, excluding Native allotment F-16724
Parcel C;
Secs. 29 to 36, inclusive, all.

Containing approximately 21,655 acres.

T. 8 N., R. 63 W.

Secs. 1 to 18, inclusive, all;
Sec. 19, excluding Native allotment F-17009
Parcel B;
Secs. 20 to 27, inclusive, all;
Sec. 28, excluding Native allotments F-19262
Parcel A and F-17009 Parcel A;
Sec. 29, excluding Native allotments F-19262
Parcel A and F-17211;
Sec. 30, excluding Native allotments F-17009
Parcel A, F-19262 Parcel B, F-220345 Parcel B,
F-17073 Parcel A, and F-17009 Parcel B;
Sec. 31, excluding Native allotment F-17212
Parcel B;
Sec. 32, excluding Native allotments F-17212
Parcel B and F-17211;
Sec. 33, excluding Native allotments F-17073
Parcel B, F-17212 Parcel A, and F-16609;
Secs. 34, 35 and 36, all.

Containing approximately 21,730 acres.

T. 9 N., R. 63 W.

Sec. 22, excluding the Eustokuk Slough and
Native allotments F-16505 and F-16502;
Sec. 23, excluding the Eustokuk Slough and
Native allotment F-16507.

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Secs. 24, 25 and 26, excluding the Eushokusk Slough;
 Sec. 27, excluding the Eushokusk Slough and Native allotment F-17220 Parcel C;
 Sec. 28, excluding the Eushokusk Slough and Native allotment F-13380;
 Sec. 29, excluding the Eushokusk Slough;
 Sec. 30, excluding the Eushokusk Slough and Native allotment F-17226 Parcel F;
 Sec. 31, excluding the Eushokusk Slough and Native allotment F-17080;
 Sec. 32, excluding the Eushokusk Slough and Native allotments F-17090 and F-17214 Parcel B;
 Sec. 33, excluding the Eushokusk Slough;
 Sec. 34, all;
 Sec. 35, excluding the Eushokusk Slough and Native allotments F-17213, F-17069, and F-17215;
 Sec. 36, excluding the Eushokusk Slough and Native allotments F-17069 and F-17215.

Containing approximately 7,930 acres.

✓ T. 7 N., R. 69 W.

Sec. 1, all;
 Sec. 2, excluding Native allotment F-16182 Parcel A;
 Sec. 3, excluding Native allotment F-17219 Parcel A;
 Sec. 11, excluding Native allotments F-16181 Parcel A, F-16431 Parcel B, F-17607, and F-16182 Parcel B;
 Sec. 12, excluding Native allotments F-17093 Parcel C and F-17052 Parcel B;
 Sec. 13, excluding Native allotment F-17215 Parcel A.

Containing approximately 3,217 acres.

✓ T. 8 N., R. 69 W.

Sec. 1, excluding Native allotment F-17207;
 Sec. 2, excluding the Eushokusk Slough;
 Sec. 3, excluding the Eushokusk Slough and Native allotment F-17214 Parcel B;
 Sec. 4, excluding the Eushokusk Slough, Tract C of U.S. Survey No. 4221 and Native allotments F-17221 Parcel A, F-18431 Parcel A, F-17057 Parcel B, and F-17072 Parcel A;
 Sec. 5, excluding the Eushokusk Slough, Tracts A, C and D of U.S. Survey No. 4221, and Native allotments F-17054 Parcel B, F-17059 Parcel A, and F-17070 Parcel A;
 Sec. 6, excluding the Eushokusk River, Eushokusk Slough, Tracts A, B and E of U.S. Survey No. 4221 and Native allotments F-17014 Parcel B, F-17076 Parcel A, F-17218 Parcel C, F-17219 Parcel B and F-13559 Parcel A;
 Sec. 7, excluding the Eushokusk Slough and Native allotments F-13559 Parcel A, F-17060 Parcel A, and F-19257 Parcel A;
 Sec. 8, all;
 Sec. 9, excluding Native allotments F-17072 Parcel A, F-17210 Parcel A, and F-13256

- Parcel 3;
- Secs. 10 and 11, excluding the Bushbuck flood and Native allotment F-16483 Parcel 3;
- Sec. 12, excluding the Bushbuck flood and Native allotments F-17227, F-17217 Parcel A, and F-17239 Parcel A;
- Sec. 13, excluding the Bushbuck flood and Native allotment F-17066 Parcel 3;
- Sec. 14, excluding the Bushbuck flood and Native allotments F-16724 Parcel C and F-13011;
- Sec. 15, excluding the Bushbuck flood and Native allotments F-13611, F-17813, and F-17204 Parcel A;
- Sec. 16, excluding Native allotments F-13233 Parcel B and F-17217 Parcel B;
- Sec. 17, 20; 21; 22, excluding Native allotments F-17217 Parcel B and F-17076 Parcel 3;
- Sec. 18, excluding Native allotment F-17058;
- Sec. 19, excluding Native allotment F-10460;
- Sec. 20, excluding Native allotments F-13781 Parcel B and F-13360;
- Sec. 21, 23; 24; 25, excluding Native allotment F-13781 Parcel B;
- Sec. 22, 26, excluding the Bushbuck flood and Native allotment F-12052, 27; 28; 29;
- Sec. 23, excluding the Bushbuck flood and Native allotments F-17067 Parcel B, F-17295, F-13781 Parcel A, and F-17052 Parcel B;
- Sec. 24, excluding Native allotment F-17058 Parcel A;
- Sec. 25, excluding Native allotments F-16180, F-221345 Parcel B, and F-17076 Parcel A;
- Sec. 26, excluding Native allotment F-17054 Parcel A;
- Sec. 27, 28; 29; 30;
- Sec. 28, 31; 32, excluding Native allotment F-17018 Parcel C, 33;
- Sec. 29, excluding Native allotments F-19280 and F-12731 Parcel B;
- Sec. 30, excluding Native allotment F-13733;
- Secs. 31, 32 and 33, all;
- Sec. 34, excluding Native allotment F-17018 Parcel A;
- Sec. 35, excluding Native allotment F-17018 Parcel B;
- Sec. 36, all.

Containing approximately 17,878 acres.

T. G. H., S. 1st.

- Secs. 25 and 26, excluding the Bushbuck flood;
- Sec. 27, all;
- Sec. 28, all;
- Sec. 29, excluding the Bushbuck flood and Native allotment F-17076;
- Sec. 30, excluding the Bushbuck flood and Native allotment F-17058 Parcel A.

Containing approximately 2,005 acres.

T. G. H., S. 2nd.

- Sec. 1, excluding the Bushbuck flood and Native allotment F-13555 Parcel A;

- Secs. 2 and 3, excluding the Kuskokwim River;
- Sec. 4, excluding the Kuskokwim River and Church Slough;
- Sec. 9, excluding the Kuskokwim River, Church Slough, Tupukuk Slough, and Native allotment F-17051 Parcel B;
- Sec. 10, excluding the Kuskokwim River, Tupukuk Slough, and Native allotments F-13111, F-17050 Parcel A, F-19250 Parcel A, and F-025305 Parcel A;
- Sec. 11, all, excluding the Kuskokwim River and Native allotment F-13950 Parcel A; and, excluding the Kuskokwim River, Kuskokwuk Slough, and Native allotment F-13111;
- Sec. 12, excluding the Kuskokwim River, Kuskokwuk Slough and Native allotments F-17074 Parcel A, F-13556 Parcel A, F-13208 Parcel A, and F-19257 Parcel A;
- Sec. 13, excluding the Kuskokwuk Slough and Native allotment F-17074 Parcel A;
- Sec. 14, excluding the Kuskokwuk Slough;
- Sec. 15, excluding Native allotment F-17075;
- Sec. 16, excluding the Tupukuk Slough;
- Sec. 21, excluding the Tupukuk Slough;
- Secs. 22 and 23, all;
- Sec. 24, excluding Native allotment F-17074 Parcel B;
- Secs. 25, 26 and 27, all;
- Sec. 28, excluding Native allotment F-17050 Parcel A;
- Secs. 33 to 36, inclusive, all.

Containing approximately 12,692 acres.

Aggregating approximately 131,049 acres.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation the surface estate in the land above-described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereto belonging, unto the said corporation, its successors and assigns, forever:

EXCEPTING AND RESERVING TO THE UNITED STATES from the lands so granted:

1. The subsurface estate therein, and all rights, privileges, immunities and appurtenances, of whatsoever nature, accruing unto said estate pursuant to the Alaska Native Claims Settlement Act of December 18, 1971 (43 Stat. 688, 709; 43 U.S.C. 1601, 1613(f) (1976)); and
2. Pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 Stat. 688, 709; 43 U.S.C. 1601, 1613(b) (1976)), the following public easements, referenced by easement identification number (EIF) on the easement maps attached to this document, copies of which will be found in case file F-14883-AE, are reserved to the

United States and subject to further regulation thereby:

- a. (EIN 2 B) A streamside easement twenty-five (25) feet in width upland of and parallel to the ordinary high water mark on all banks and an easement on the entire bed of the Sverdluk River from the point of tidal influence in Sec. 4, T. 3 N., R. 69 W., 66th Meridian, upstream to Sec. 1, T. 5 N., R. 68 W., 66th Meridian. Purpose is to provide for public use of waters having highly significant present recreational use.
- b. (EIN 11 B) A site easement upland of the ordinary high water mark in Sec. 10, T. 5 N., R. 68 W., 66th Meridian, on the left bank of the Sverdluk River. The site is one (1) acre in size with an additional twenty-five (25) foot wide easement on the bed of the river along the entire waterfront of the site. The site is for camping, staging and vehicle use.
- c. (EIN 13 C) The right of the United States to enter upon the lands hereinabove granted for cadastral, geodetic, or other survey purposes is reserved, together with the right to do all things necessary in connection therewith.
- d. (EIN 14 C) A continuous linear easement twenty-five (25) feet in width upland of and parallel to the mean high tide line in order to provide access to and along the marine coastline and use of such shore for purposes such as beaching of watercraft or aircraft, travel along the shore, recreation, and other similar uses. Deviations from the waterline are permitted when specific conditions so require, e.g., impassable topography or waterfront obstruction. This easement is subject to the right of the owner of the servient estate to build upon such easement a facility for public or private purposes, such right to be exercised reasonably and without undue or unnecessary interference with or obstruction of the easement. When access along the marine coastline easement is to be obstructed, the owner of the servient estate will be obligated to convey to the United States an acceptable alternate access route, at no cost to the United States, prior to the creation of such obstruction.

These reservations have not been conformed to the Departmental easement policy announced March 3, 1974, and published as final rulemaking on November 27, 1978, 43 FR 55326. Conformance will be made at a later date in accordance with the terms and conditions of the agreement dated August 23, 1978 between the Secretary of the Interior, Calista Corporation, and Swathink Incorporated.

213

Interior Conveyance No. _____

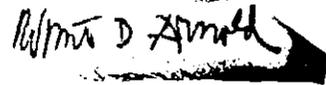
Date JUL 12 1979

THE GRANT OF THE ABOVE DESCRIBED LAND IS SUBJECT TO:

1. Issuance of a patent confirming the boundary description of the lands hereinabove granted after approval and filing by the Bureau of Land Management of the official plat of survey covering such lands;
2. Valid existing rights therein, if any, including but not limited to those created by any lease (including a lease issued under Sec. 6(c) of the Alaska Statute Act of July 7, 1958 (72 Stat. 339, 341; 42 U.S.C. Ch. 2, Sec. 6(c) (1975))), contract, permit, right-of-way or easement, and the right of the lessee, contractee, permittee, or grantee to the complete enjoyment of all rights, privileges and benefits thereby granted to him. Further, pursuant to to Sec. 17(b)(2) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688; 43 U.S.C. 1601 (1974)), any valid existing right recognized by said act shall continue to have whatever right of access as is now provided for under existing law;
3. Requirements of Sec. 14(c) of the Alaska Native Claims Settlement Act of December 18, 1971 (85 Stat. 688, 703; 43 U.S.C. 1601, 1611(c) (1976)), that the grantee hereunder convey those portions, if any, of the lands hereinabove granted, as are prescribed in said section; and
4. The terms and conditions of the agreement dated August 23, 1978, between the Secretary of the Interior, Valista Corporation and Swetlink, Incorporated. A copy of the agreement is hereby attached to and made a part of this conveyance document and shall be recorded therewith.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereto affixed on this 12th day of July, 1979, in Anchorage, Alaska.

UNITED STATES OF AMERICA



Robert E. Arnold
Assistant to the State Director
ANCA

Territory Conveyance to.

213

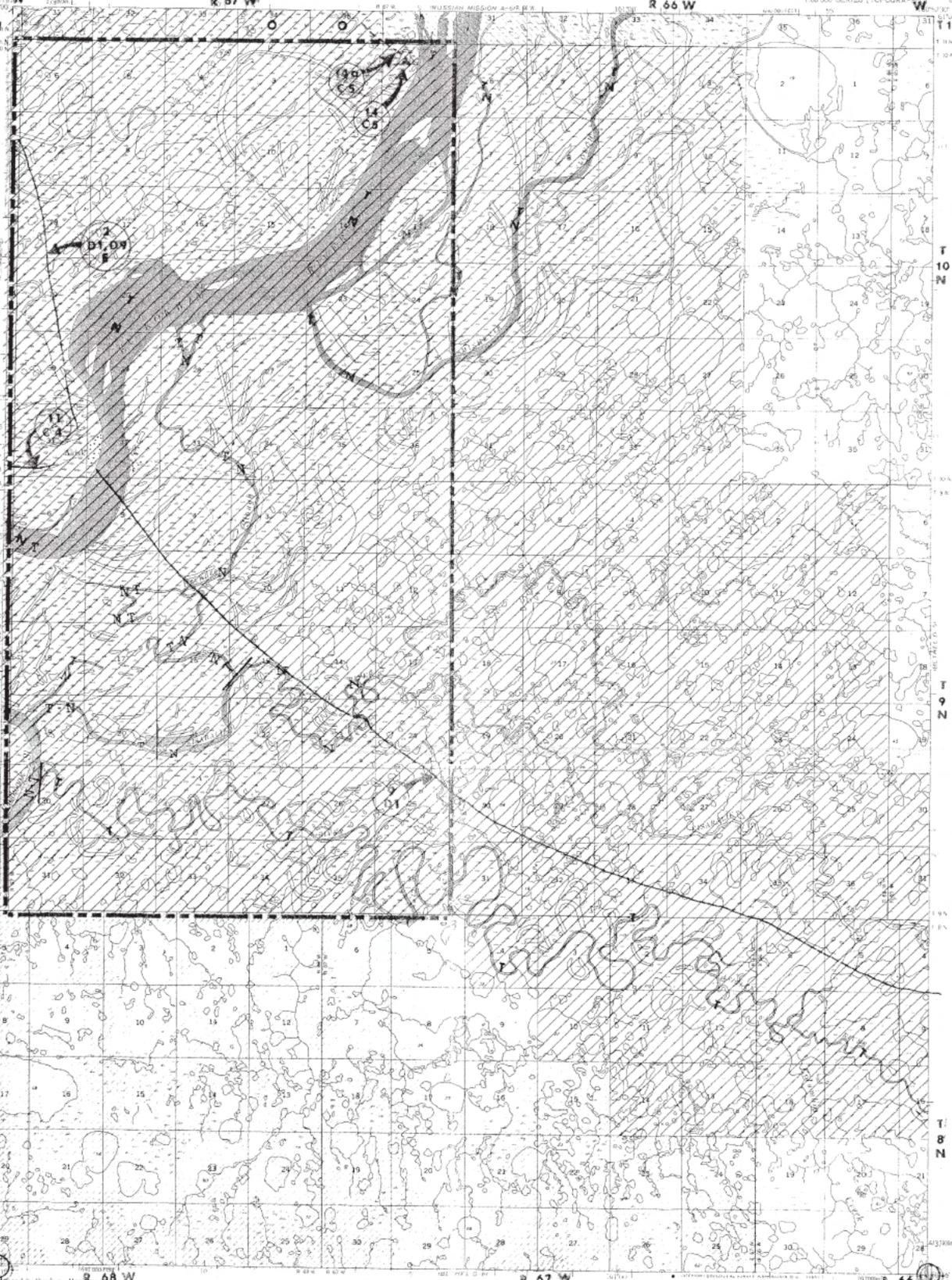
Date

JUL 12 1979

VILLAGE	NAVIGABILITY DECISION REVIEWED
DATE	INITIALS

Submerged lands beneath waters determined navigable due to (or susceptible to) travel, trade and commerce.

Pending determination of tidal influence.



Notice	Decision
Convey	Convey

Revised by the Army Map Service
Edited and published by the Geological Survey
Copyright © 1954 by the U.S. Government
TULUKSAK VILLAGE SELECTION
Application of Section 4 of the Act of August 8, 1906 (34 Stat. 225) as amended
10,000 foot grid based on Alaska coordinate system Zone 2
1:63,360 scale based on Transverse Mercator projection
Zone 2, Spheroid
Land from reports submitted and as shown on maps
promulgated by the Bureau of Land Management
April 14, 1954 Revision

KWETHLUK VILLAGE SELECTION
Application of Section 4 of the Act of August 8, 1906 (34 Stat. 225) as amended
10,000 foot grid based on Alaska coordinate system Zone 2
1:63,360 scale based on Transverse Mercator projection
Zone 2, Spheroid
Land from reports submitted and as shown on maps
promulgated by the Bureau of Land Management
April 14, 1954 Revision

AKIAK VILLAGE SELECTION
Application of Section 4 of the Act of August 8, 1906 (34 Stat. 225) as amended
10,000 foot grid based on Alaska coordinate system Zone 2
1:63,360 scale based on Transverse Mercator projection
Zone 2, Spheroid
Land from reports submitted and as shown on maps
promulgated by the Bureau of Land Management
April 14, 1954 Revision



P.L.B. 12/19/55
KWETHLUK
AKIAK
BETHEL (D-6), ALASKA
1:63,360 SCALE
1954

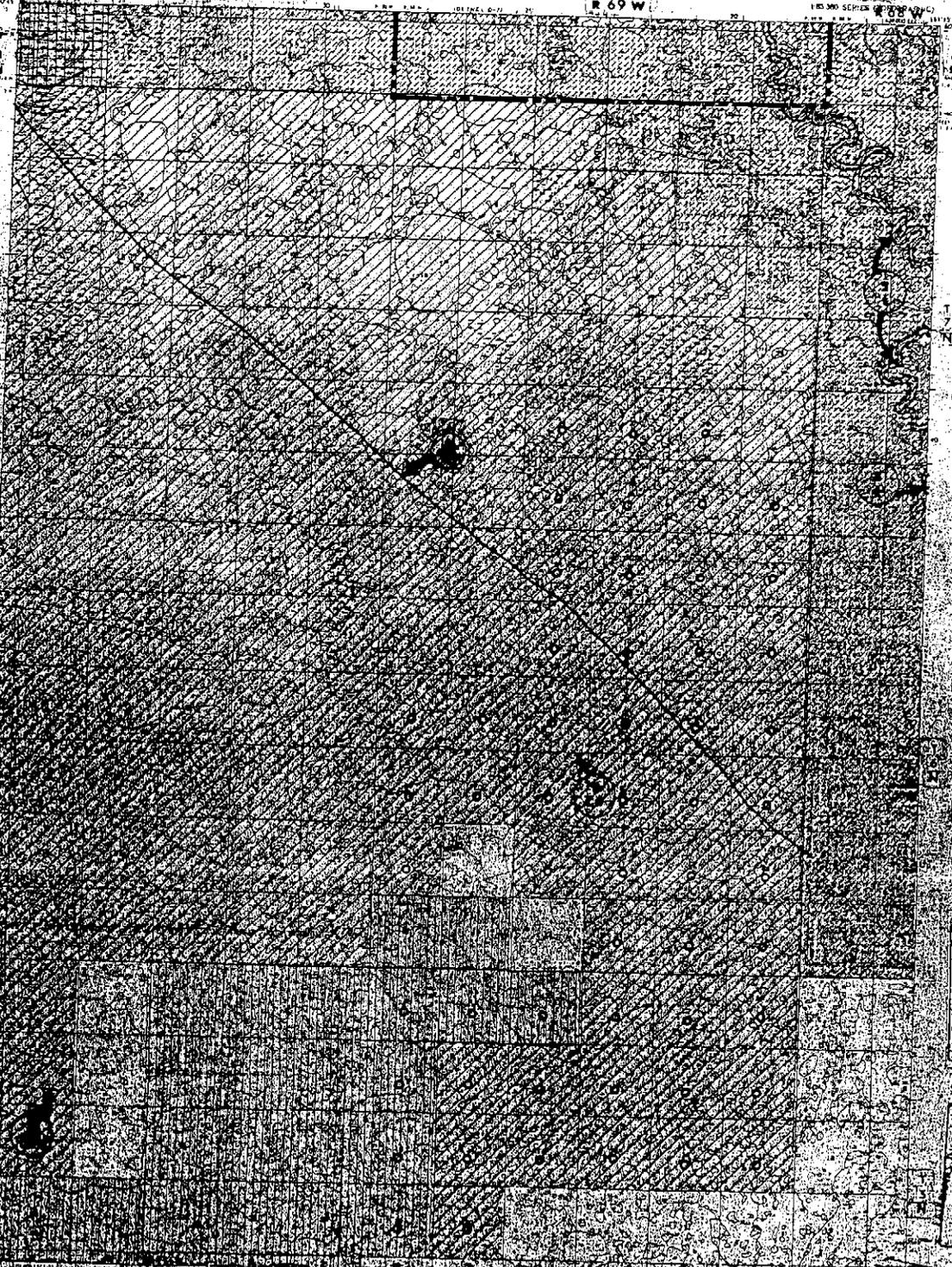
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALTAÑE PHOOP
SUBJECT TO CORRECTION

BETHEL (C-7) QUADRANGLE
ALASKA
1:250,000 SERIES

R 69 W

R 69 W



PORCARIWIL VILLAGE SELECTION

VILLAGE SELECTION

KWETHUK VILLAGE SELECTION

NAPASKAN VILLAGE SELECTION

APPROVED BY THE GEOLOGICAL SURVEY

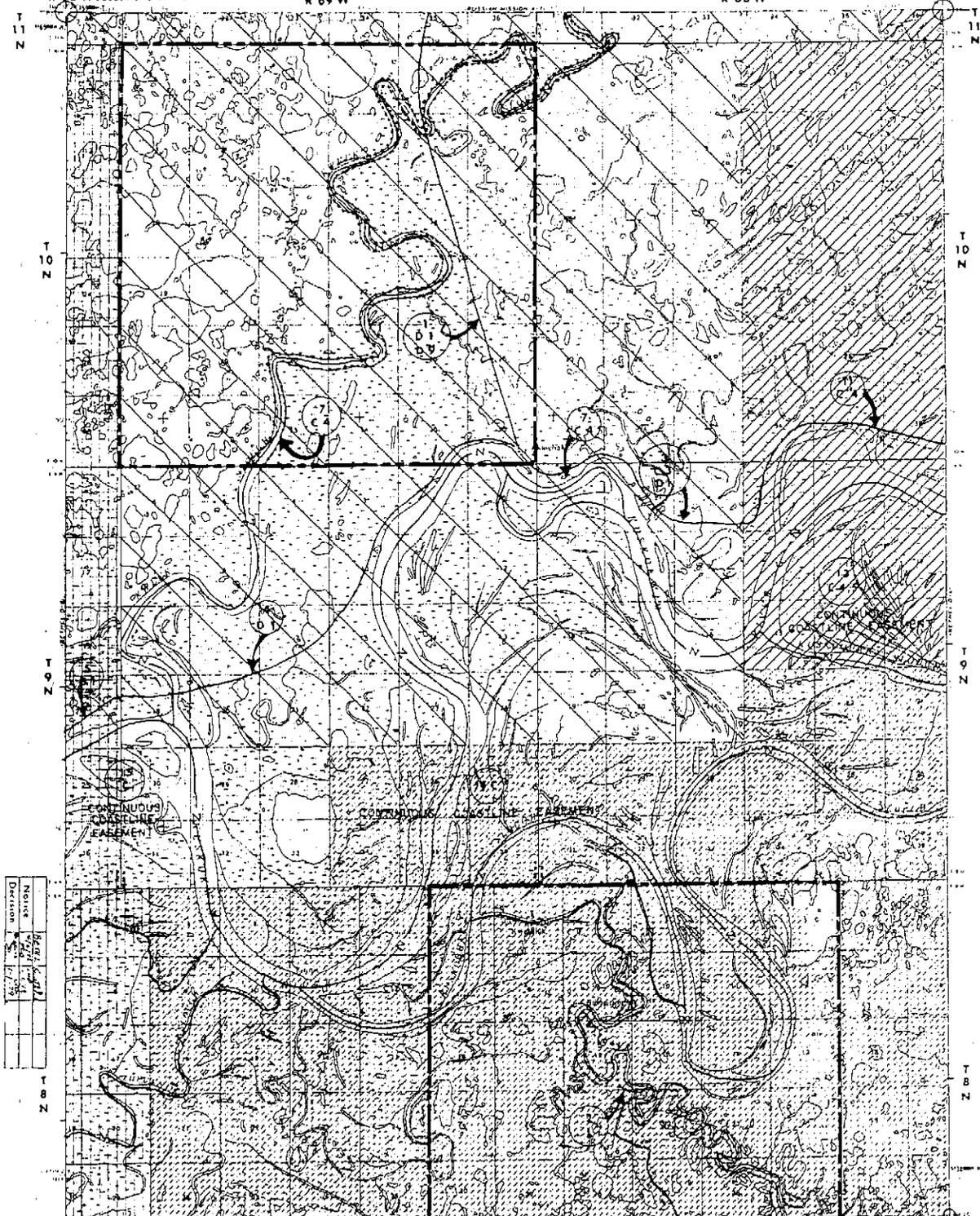
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
R 70 W GEOLOGICAL SURVEY

ADVANCE PROOF
SUBJECT TO CORRECTION

BETHEL (10-7) QUADRANGLE
ALASKA
1:50,000 SCALE (1:62,500)

R 69 W

R 68 W



SECTION	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

CONTINUOUS
DASHED LINE
EASEMENT

CONTINUOUS DASHED LINE EASEMENT

Bethel
EIN 18 C
Easement for general
survey purposes

Bethel
EIN 13 C
Easement for general
survey purposes
Kwethluk

Prepared by the Army Map Service
Copied and enlarged by the Geological Survey
Controlled by the GCS (see 1974)
Based on the original sketch maps and other information
from 1952 and 1953. Topographic map No. 10000
USGS Topographic Map Series, published 1957. North Arrow as shown
10,000 feet and based on the 1929 datum. Area of
1000 acres. Original map scale 1:50,000.
Date of issue: 1974.
Local Army agencies concerned and collected together
and published by the Bureau of Land Management
Table 5.1, Standard Report

Application of Dec. 17, 1974
Represents nearest whole section
(Application may be less than 640 acres)

R 69 W
R 68 W
PCO 12/14/75
KWETHLUK
AKIACHAK
AKIAK
BETHEL (10-7) ALASKA
ROAD CLASSIFICATION
RECORD OF RIGHTS

AKIACHAK VILLAGE SELECTION
AKIAK VILLAGE SELECTION
BETHEL VILLAGE SELECTION
KWETHLUK VILLAGE SELECTION

--- Core Township

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

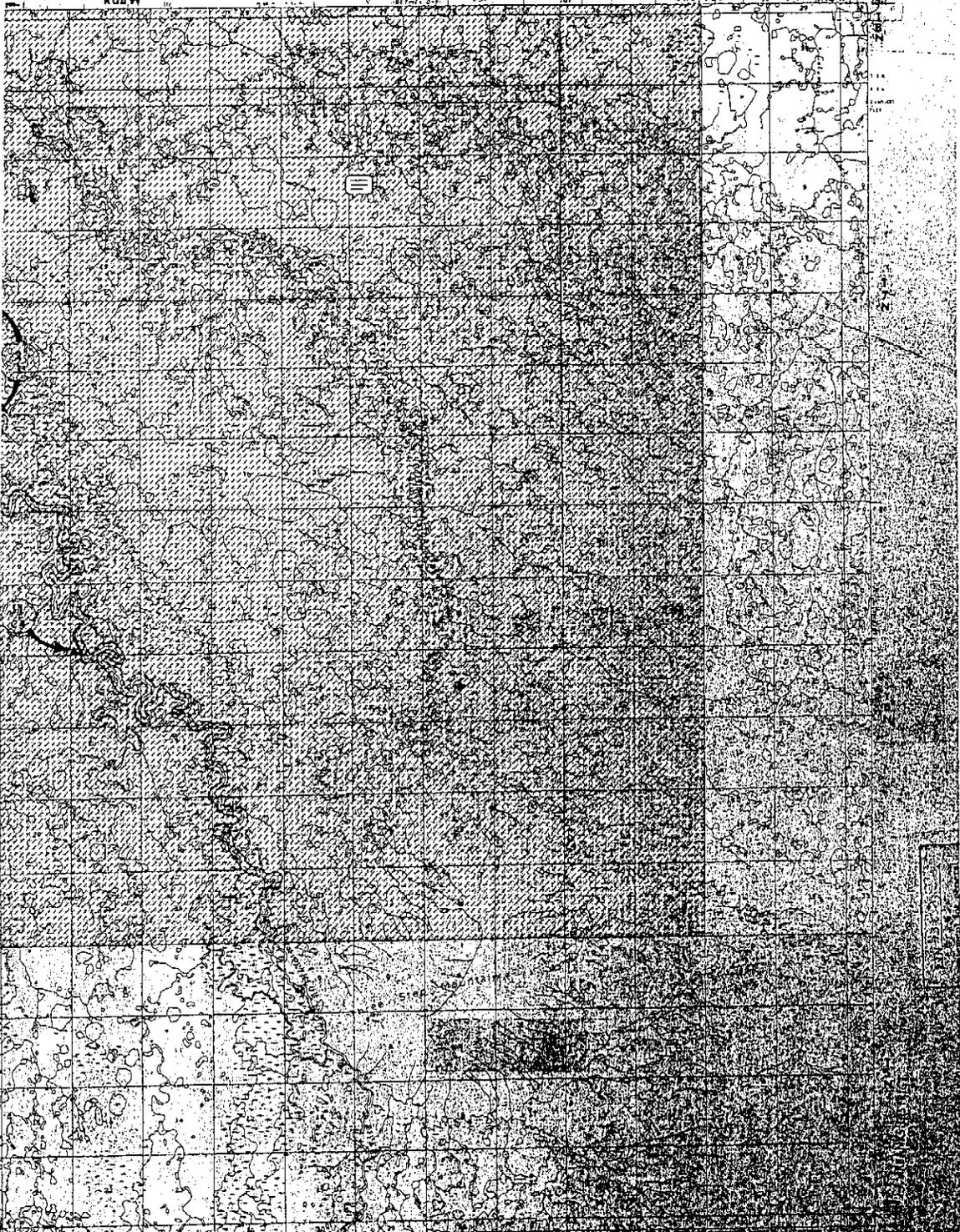
ADVANCE PROOF
SUBJECT TO CORRECTION

BETHEL (C-8) QUADRANGLE

R67.W

R68.W

R68.W



Survey purposes.

See notes 7/2/79

1:50,000 Scale
Geological Survey
Topographic Map
1977 Edition
This map is based on the 1977 edition of the topographic map of the area shown. It is not a final product and is subject to change without notice. It is intended for use as a reference only and should not be used for navigation or other purposes.

KWETHLUK VILLAGE SELECTION
This map shows the location of Kwethluk Village. The village is located in the center of the map, near the intersection of the main road and the river. The village is marked with a small square and labeled 'KWETHLUK VILLAGE SELECTION'. The map also shows the surrounding terrain, including hills and valleys.

**Kasigluk River
Interim Summary Report
Attachment 6**

✓ F-14824-EE (75.4)
F-14824-A (2651)
(963)

JUN 22 1982

6/17/82
W. H. Hassett
W 6-17
BA
by H.W. 6-17

Memorandum

To: Chief, Division of ANCSA and State Conveyances (960)

From: SD

Subject: Final Easements for Kokarmiut Corporation (Village of Akiak)

Following are the final easement, major waterway, navigability, and tidal influence recommendations for lands selected by the village of Akiak. Of those recommendations, my decision is as follows.

MAJOR WATERWAYS:

The Kuskokwim River and the Kisaralik River are determined to be major.

The Kuskokwim River provides access to and between communities both upstream and downstream and has a long history of use as an intervillage travel route. The Kuskokwim River receives a great degree of watercraft use from motorboats, barges, and floatplanes. Barges travel from the mouth of the Kuskokwim River to Akiachak, and beyond, delivering goods and materials to villages along its entire length.

The Kisaralik River has been identified for inclusion in the National Wild and Scenic River System and provides access to public land.

NAVIGABILITY:

The following water bodies have been determined to be navigable by reason of travel, trade and commerce:

The Kuskokwim River and its interconnecting sloughs, throughout the selection area;

Mishevik Slough of the Kuskokwim River, throughout the selection area;

Kuskokuak Slough of the Kuskokwim River, throughout the selection area;

Reindeer Slough of the Kuskokwim River, throughout its length; and

The Kisaralik River from its confluence with the Kuskokwim River in Sec. 19, T. 9 N., R. 67 W., Seward Meridian, to the "Y" in Sec. 13, T. 9 N., R. 67 W., Seward Meridian;

All other named and unnamed water bodies within the lands to be conveyed were reviewed and, based upon existing evidence, were determined to be nonnavigable.

TIDAL INFLUENCE:

The following water bodies have been determined to be tidally influenced:

The Kuskokwim River;
 Kuskokuak Slough of the Kuskokwim River;
 Mishevik Slough of the Kuskokwim River;
 Reindeer Slough of the Kuskokwim River;
 The Kisaralik River, to Sec. 20, T. 9 N., R. 67 W., Seward Meridian; and
 The Kasigluk River.

Actual limits of tidal influence, for water bodies listed above and for other water bodies within the lands to be conveyed, if any, will be determined at the time of survey.

ALLOWABLE USES:

All easements are subject to applicable Federal, State or Municipal corporation regulation. The following is a listing of uses allowed for each type of easement. Any uses which are not specifically listed are prohibited.

25 Foot Trail - The uses allowed on a twenty-five (25) foot wide trail easement are: travel by foot, dogsled, animals, snowmobiles, two- and three-wheel vehicles, and small all-terrain vehicles (ATV's) (less than 3,000 lbs. Gross Vehicle Weight (GVW)).

One Acre Site - The uses allowed on a one acre site easement are: vehicle parking (e.g., aircraft, boats, ATV's, snowmobiles, cars, trucks), temporary camping, and loading or unloading. Temporary camping, loading, or unloading shall be limited to 24 hours.

EASEMENTS TO BE RESERVED:

- a. (EIN 14 C5) A one (1) acre site easement upland of the ordinary high water mark in Sec. 1, T. 10 N., R. 67 W., Seward Meridian, on the right bank of the Kuskokwim River. The uses allowed are those listed for a one (1) acre site easement.

Discussion:

This site is necessary to facilitate a reasonable pattern of travel along the waterway and will serve as a trailhead for trail EIN 14a C5. The site is located about midway between Tuluksak and Akiak and provides the only spot for camping along this 20-mile stretch of river.

- b. (EIN 14a C5) An easement for a proposed access trail twenty-five (25) feet in width from site EIN 14 C5 northwesterly to public

land. The uses allowed are those listed for a twenty-five (25) foot wide trail easement. The season of use will be limited to winter.

Discussion:

This short trail (approximately one-half ($\frac{1}{2}$) mile long) is necessary to provide public access to and between the public waters of the Kuskokwim River and public lands isolated by village selections. If this land should later be conveyed to the village this easement will no longer be necessary. These lands are currently part of an overselection by the village and will likely remain in public ownership.

The following easements were considered but were not recommended:

- a. (EIN 2 D1, D9, E) An easement for an existing access trail twenty-five (25) feet in width from Akiak in Sec. 31, T. 10 N., R. 67 W., Seward Meridian, northerly to public lands.

Discussion:

Alternate, preferred, and existing access to public land is via Akiachak trail EIN 1 D1, D9.

- b. (EIN 9 D1) An easement for an existing access trail twenty-five (25) feet in width from Akiak in Sec. 32, T. 10 N., R. 67 W., Seward Meridian, southeasterly to public lands.

Discussion:

Existing and preferred access to public land is via the Kisaralik River, a major waterway, in its frozen state.

- c. (EIN 11 C4) An easement for an existing access trail twenty-five (25) feet in width from Akiak in Sec. 31, T. 10 N., R. 67 W., Seward Meridian, westerly to Akiachak.

Discussion:

Alternate and preferred intervillage travel occurs on the Kuskokwim River in either the frozen or liquid state.

/S/ Fred E. Wolf

Associate

cc: Jim Culbertson
DNC

DM-A (010)

DM-NAV (013)

Attn: C. Neufelder

USFW - Yukon Delta NWR

Attn: B. Reiswig

963:PJohnson:slt:06/17/82
slt7*t

DOW 114
AKIAK

**Kasigluk River
Interim Summary Report
Attachment 7**

F-14824-A (2651)
F-14824-A2 (2651)
✓ F-14824-EE (75.4)
(961)

JUN 29 1982

CERTIFIED MAIL P 2 2 1 0 5 1 9 7 9
RETURN RECEIPT REQUESTED

DECISION

Kokarmuit Corporation	:	F-14824-A, F-14824-A2
Akiak, Alaska 99552	:	Village Selections
	:	
Calista Corporation	:	
516 Denali Street	:	
Anchorage, Alaska 99501	:	

Section 12(b) Application Rejected in Part
Lands Proper for Village Selection
Approved for Interim Conveyance or Patent

On November 18, 1974, Kokarmuit Corporation, for the Native village of Akiak, filed selection application F-14824-A under the provisions of Sec. 12(a) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1611 (1976) (ANCSA)), as amended, for the surface estate of certain lands in the vicinity of Akiak.

On December 11, 1975, Kokarmuit Corporation filed selection application F-14824-A2 pursuant to Sec. 12(b) of ANCSA, for certain lands previously selected pursuant to Sec. 12(a) with the statement that its Sec. 12(a) selection overrides the Sec. 12(b) selection. Therefore, application F-14824-A2 is hereby rejected as to the lands herein approved for conveyance. Further action on application F-14824-A2, as to the lands not rejected herein will be taken at a later date.

Kokarmuit Corporation, in its November 18, 1974 application, excluded several bodies of water. Because certain of those water bodies have been determined to be nonnavigable, they are considered to be public lands withdrawn under Sec. 11(a)(1) and available for selection by the village pursuant to Sec. 12(a) of the Alaska Native Claims Settlement Act. Section 12(a) and 43 CFR 2651.4(b) and (c) provide that a village corporation must, to the extent necessary to obtain its entitlement, select all available lands within the township or townships within which the village is located, and that additional lands selected shall be compact and in whole sections. For these reasons, the water bodies which were improperly excluded in the November 18, 1974 application are considered selected by Kokarmuit Corporation.

As to the lands described below, the application, as amended, is properly filed and meets the requirements of the Alaska Native Claims Settlement Act and of the regulations issued pursuant thereto. These lands do not include any lawful entry perfected under or being maintained in compliance with laws leading to acquisition of title.

In view of the foregoing, the surface estate of the following described lands, selected pursuant to Sec. 12(a) of ANCSA, aggregating approximately 103,238 acres, is considered proper for acquisition by Kokarmuit Corporation and is hereby approved for conveyance pursuant to Sec. 14(a) of ANCSA.

U.S. Survey No. 2243, Alaska, situated at the Native village of Akiak, on the right bank of the Kuskokwim River, excluding U.S. Survey No. 5068, Townsite of Akiak, Alaska.

Containing 1,188.67 acres.

U.S. Survey No. 2294, Alaska, situated near the left bank of the Kuskokwim River and adjoining the south side of the unsurveyed town of Akiak, Alaska.

Containing 160 acres.

U.S. Survey No. 5068, Alaska, lot 3, Block 3, and lot 5, Block 1, Tract A, situated on the Kuskokwim River about twenty miles northeast of Bethel, Alaska.

Containing 2.56 acres.

Seward Meridian, Alaska (Unsurveyed)

T. 9 N., R. 65 W.

Sec. 29;

Sec. 30, excluding Native allotment F-18140;

Secs. 31 and 32.

Containing approximately 2,516 acres.

T. 8 N., R. 66 W.

Secs. 1 to 6, inclusive;

Sec. 7, excluding Native allotments F-17063 Parcel A and AA-8966 Parcel B;

Secs. 8 to 17, inclusive;

Sec. 18, excluding Native allotment F-17209 Parcel A.

Containing approximately 11,320 acres.

T. 9 N., R. 66 W.

Sec. 4, excluding Native allotments F-15906 and F-17077;

Sec. 5, excluding Native allotment F-17077;

Sec. 6;

Sec. 7, excluding Native allotment F-17082;

Sec. 8, excluding Native allotment F-17077;

Sec. 9, excluding Native allotments F-15906, F-17077 and F-033569;

Secs. 10 and 15;

Sec. 16, excluding Native allotment F-033569;

Sec. 17, excluding Native allotment F-17081;

Sec. 18, excluding Native allotments F-17081 and F-17082;
 Sec. 19, excluding Native allotments F-025251, F-17081, and F-15904;
 Sec. 20, excluding Native allotment F-17081;
 Secs. 21 and 22;
 Sec. 25, excluding Native allotments F-18140 and F-17542;
 Sec. 26, excluding Native allotment F-17542;
 Sec. 27;
 Sec. 28, excluding Native allotment F-030770;
 Sec. 29, excluding Native allotments F-030770 and F-15915;
 Sec. 30, excluding Native allotment F-025251;
 Sec. 31;
 Sec. 32, excluding Native allotments F-030770, F-15915
 and F-15908;
 Sec. 33, excluding Native allotment F-030770;
 Sec. 34;
 Secs. 35 and 36, excluding Native allotment F-17542.

Containing approximately 15,428 acres.

T. 10 N., R. 66 W.

Secs. 4 to 7, inclusive;
 Sec. 8, excluding Native allotment F-15903 Parcel B;
 Secs. 9 and 16;
 Sec. 17, excluding U.S. Survey No. 6192 and Native
 allotment F-15910 Parcel A;
 Sec. 18;
 Sec. 19, excluding U.S. Survey No. 6192 and Native
 allotments F-15919 and F-15900 Parcel B;
 Sec. 20, excluding U.S. Survey No. 6192 and Native
 allotments F-15900 Parcel B, F-15910 Parcel A and F-15919;
 Sec. 21, excluding Native allotment F-15911;
 Sec. 28;
 Sec. 29, excluding U.S. Survey No. 6192 and Native
 allotments F-15919 and F-15900 Parcel B;
 Sec. 30, excluding U.S. Survey No. 6192 and Native
 allotment F-15900 Parcel B;
 Secs. 31, 32, and 33.

Containing approximately 10,304 acres.

T. 8 N., R. 67 W.

Secs. 1 to 4, inclusive;
 Secs. 10 to 14, inclusive.

Containing approximately 5,760 acres.

T. 9 N., R. 67 W.

Secs. 1, 2, and 3;
 Sec. 4, excluding U.S. Survey No. 2294;

Sec. 5, excluding U.S. Survey No. 2243, U.S. Survey No. 2294
 and U.S. Survey No. 5068;
 Sec. 6, excluding U.S. Survey No. 2243 and U.S. Survey No. 5068;
 Secs. 7 and 8;
 Sec. 9, excluding Native allotment F-17922 Parcel B;
 Sec. 10, excluding Native allotments F-18569, F-17922 Parcel B,
 F-13197 and F-13194;
 Sec. 11, excluding Native allotment F-13194;
 Sec. 12, excluding Native allotment F-15898;
 Sec. 13, excluding Native allotments F-18420 Parcel A and F-15912;
 Sec. 14, excluding U.S. Survey No. 6159 and Native allotment F-18420
 Parcel A, Native allotment F-17220 Parcel A and F-15912;
 Sec. 15, excluding U.S. Survey No. 6159 and Native allotments F-18569,
 F-17922 Parcel B, F-17220, F-15909, F-13209 and F-13197;
 Sec. 16, excluding Native allotment F-17922 Parcel B;
 Secs. 17 and 18;
 Sec. 19, excluding Native allotments F-15902, F-13301 and F-13205;
 Sec. 20, excluding Native allotments F-15902 and F-13301;
 Sec. 21;
 Sec. 22, excluding U.S. Survey No. 6159 and Native
 allotment F-15909;
 Sec. 23;
 Sec. 24, excluding Native allotment F-025251;
 Sec. 25, excluding Native allotments F-025251 and F-16846;
 Sec. 26, excluding Native allotment F-16846;
 Secs. 27 and 28;
 Sec. 29, excluding Native allotment F-15902;
 Sec. 30, excluding Native allotments F-15901 Parcel B,
 F-13345 and F-13205;
 Sec. 31, excluding Native allotment F-13345;
 Secs. 32, 33, and 34;
 Secs. 35 and 36, excluding Native allotment F-16846.

Containing approximately 18,037 acres.

T. 10 N., R. 67 W.

Secs. 1 and 2;
 Sec. 3, excluding Native allotment F-15916;
 Sec. 4, excluding Native allotment F-15917;
 Sec. 5;
 Sec. 6, excluding U.S. Survey No. 6195 and Native allotment F-15914;
 Secs. 7 to 14, inclusive;
 Sec. 15, excluding Native allotment F-15913 Parcel A;
 Sec. 16, excluding U.S. Survey No. 6193 and Native allotment F-15905;
 Sec. 17, excluding U.S. Survey No. 6193 and Native allotments F-15905
 and F-15900 Parcel A;
 Secs. 18 and 19;
 Sec. 20, excluding U.S. Survey No. 6193 and Native
 allotment F-15900 Parcel A;
 Sec. 21, excluding Native allotment F-15920;
 Sec. 22, excluding Native allotment F-15913 Parcels A and B;
 Sec. 23, excluding Native allotment F-15913 Parcel B;
 Sec. 24;
 Sec. 25, excluding Native allotment F-13377;

Secs. 26 and 27;
 Sec. 28, excluding Native allotment F-15920;
 Secs. 29 and 30, excluding U.S. Survey No. 2243;
 Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey
 No. 2294, and U.S. Survey No. 5068;
 Sec. 33, excluding U.S. Survey No. 2294;
 Secs. 34, 35, and 36.

Containing approximately 16,927 acres.

T. 11 N., R. 67 W.

Secs. 20 and 21;
 Secs. 28 to 33, inclusive.

Containing approximately 5,075 acres.

T. 9 N., R. 68 W.

Sec. 1, excluding U.S. Survey No. 5686, and U.S. Survey
 No. 2243 and Native allotment F-15910;
 Sec. 2, excluding U.S. Survey No. 5686 and Native allotment
 F-15910 Parcel B;
 Sec. 3;
 Secs. 10 and 11, excluding Native allotment F-13199;
 Secs. 12, 13, and 14;
 Sec. 15, excluding Native allotments F-16592 and F-16595.

Containing approximately 4,130 acres.

T. 10 N., R. 68 W.

Secs. 1, 2, and 3;
 Secs. 10, 11, and 12;
 Secs. 13 and 14, excluding Native allotment F-16593;
 Sec. 15;
 Secs. 22, 23, and 24;
 Sec. 25, excluding U.S. Survey No. 2243;
 Secs. 26 and 27;
 Secs. 34 and 35;
 Sec. 36, excluding U.S. Survey No. 2243.

Containing approximately 11,110 acres.

T. 11 N., R. 68 W.

Secs. 25 and 36.

Containing approximately 1,280 acres.

Aggregating approximately 103,238 acres.

Excluded from the above-described lands herein approved for conveyance
 are the submerged lands, up to the ordinary high water mark, beneath all

water bodies determined by the Bureau of Land Management to be navigable because they have been or could be used in connection with travel, trade, and commerce, or are pending a tidal determination at the time of survey. Those water bodies are identified on the attached navigability maps, the original of which will be found in easement case file F-14824-EE.

All other water bodies not depicted as navigable on the attached maps within the lands to be conveyed were reviewed. Based on existing evidence, they were determined to be nonnavigable.

The lands excluded in the above description are not being approved for conveyance at this time and have been excluded for the following reason: Lands are under applications pending further adjudication. Lands within U.S. Surveys which are excluded are described separately in this decision if they are available for conveyance. These exclusions do not constitute a rejection of the selection application, unless specifically so stated.

Enclosed are copies of current status plats showing the lands approved for conveyance along with maps showing easements to be reserved, navigable water bodies, and/or tidal waters pending a determination of tidal influence.

The conveyance issued for the surface estate of the lands described above shall contain the following reservations to the United States:

1. The subsurface estate therein, and all rights, privileges, immunities, and appurtenances, of whatsoever nature, accruing unto said estate pursuant to the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(f)); and
2. Pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)), the following public easements, referenced by easement identification number (EIN) on the easement maps attached to this document, copies of which will be found in case file F-14824-EE, are reserved to the United States. All easements are subject to applicable Federal, State, or Municipal corporation regulation. The following is a listing of uses allowed for each type of easement. Any uses which are not specifically listed are prohibited.

25 Foot Trail - The uses allowed on a twenty-five (25) foot wide trail easement are: travel by foot, dogsled, animals, snowmobiles, two- and three-wheel vehicles, and small and large all-terrain vehicles (ATV's) (less than 3,000 lbs. Gross Vehicle Weight (GVW)).

One Acre Site - The uses allowed on a one acre site easement are: vehicle parking (e.g., aircraft, boats, ATV's, snowmobiles, cars, trucks), temporary camping, and loading or unloading. Temporary camping, loading, or unloading shall be limited to 24 hours.

- a. (EIN 14 C5) A one (1) acre site easement upland of the ordinary high water mark in Sec. 1, T. 10 N., R. 67 W., Seward Meridian,

on the right bank of the Kuskokwim River. The uses allowed are those listed above for a one (1) acre site easement.

- b. (EIN 14a C5) An easement for a proposed access trail twenty-five (25) feet in width from site EIN 14 C5 northwesterly to public land. The uses allowed are those listed above for a twenty-five (25) foot wide trail easement. The season of use will be limited to winter.

The grant of the above-described lands shall be subject to:

1. Issuance of a patent after approval and filing by the Bureau of Land Management of the official plat of survey confirming the boundary description and acreage of the lands hereinabove granted;
2. Valid existing rights therein, if any, including but not limited to those created by any lease (including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (48 U.S.C. Ch. 2, Sec. 6(g))), contract, permit, right-of-way, or easement, and the right of the lessee, contractee, permittee, or grantee to the complete enjoyment of all rights, privileges, and benefits thereby granted to him. Further, pursuant to Sec. 17(b)(2) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)(2) (ANCSA)), any valid existing right recognized by ANCSA shall continue to have whatever right of access as is now provided for under existing law; and
3. Requirements of Sec. 14(c) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(c)), that the grantee hereunder convey those portions, if any, of the lands hereinabove granted, as are prescribed in said section.

Kokarmuit Corporation is entitled to conveyance of 115,200 acres of land selected pursuant to Sec. 12(a) of ANCSA. Together with the lands herein approved, the total acreage conveyed or approved for conveyance is approximately 103,238 acres. The remaining entitlement of approximately 11,962 acres will be conveyed at a later date.

Pursuant to Sec. 14(f) of ANCSA, conveyance of the subsurface estate of the lands described above shall be issued to Calista Corporation when the surface estate is conveyed to Kokarmuit Corporation, and shall be subject to the same conditions as the surface conveyance.

In accordance with Departmental regulation 43 CFR 2650.7(d), notice of this decision is being published once in the Federal Register and once a week for four (4) consecutive weeks, in The Tundra Drums.

Any party claiming a property interest in lands affected by this decision, an agency of the Federal government, or regional corporation may appeal the decision to the Interior Board of Land Appeals, Office of Hearings and Appeals, in accordance with the attached regulations in Title 43 Code of Federal Regulations (CFR), Part 4, Subpart E, as revised. However, pursuant to Public Law 96-487, this decision constitutes the final administrative determination of the Bureau of Land Management concerning navigability of water bodies.

If an appeal is taken the notice of appeal must be filed in the Bureau of Land Management, Alaska State Office, Division of ANCSA and State Conveyances, (960), 701 C Street, Box 13, Anchorage, Alaska 99513. Do not send the appeal directly to the Interior Board of Land Appeals. The appeal and copies of pertinent case files will be sent to the Board from this office. A copy of the appeal must be served upon the Regional Solicitor, 510 L Street, Suite 100, Anchorage, Alaska 99501.

The time limits for filing an appeal are:

1. Parties receiving service of this decision shall have 30 days from the receipt of this decision to file an appeal.
2. Unknown parties, parties unable to be located after reasonable efforts have been expended to locate, and parties who failed or refused to sign the return receipt shall have until AUG 02 1982 to file an appeal.

Any party known or unknown who is adversely affected by this decision shall be deemed to have waived those rights which were adversely affected unless an appeal is timely filed with the Bureau of Land Management, Alaska State Office, Division of ANCSA and State Conveyances.

To avoid summary dismissal of the appeal, there must be strict compliance with the regulations governing such appeal. (See enclosed DOI Form 1842-1.)

If an appeal is taken, the parties to be served with a copy of the notice of appeal are:

Kokarmuit Corporation
Akiak, Alaska 99552

Calista Corporation
516 Denali Street
Anchorage, Alaska 99501

/s/ ANN JOHNSON

Chief, Branch of
ANCSA Adjudication

Enclosures:
DOI Form 1842-1
Appeal Regulations
Maps
Plats
Legend

cc:

State of Alaska (CM-RRR)
Department of Natural Resources
Division of Research and Development
Pouch 7-005
Anchorage, Alaska 99510
(w/maps and legend)

Mr. Gary Gustafson (CM-RRR)
Land Exchange/Entitlement Unit
State of Alaska
Department of Natural Resources
Division of Research and Development
Pouch 7-005
Anchorage, Alaska 99510
(w/maps, legend, and plats)

Mr. James Sandberg (CM-RRR)
Right-of-Way Agent
State of Alaska
Department of Transportation and Public Facilities
Pouch 6900
Anchorage, Alaska 99502
(w/maps and legend)

Mr. Patrick P. Ryan, Deputy Commissioner (CM-RRR)
Maintenance and Operations
Department of Transportation and Public Facilities
Pouch 6900
Anchorage, Alaska 99502
(w/maps and legend)

Mr. Robert W. Ward, Commissioner
Department of Transportation and Public Facilities
Pouch Z
Juneau, Alaska 99811
(w/maps and legend)

Mr. Earle Williams (flp)
17th Coast Guard District
P.O. Box 3-5000
Juneau, Alaska 99802
(w/maps and legend)

Alaska Legal Services Corporation
615 H Street, Suite 100
Anchorage, Alaska 99501
(w/maps and legend)

Mr. John Moses
Alaska Native Foundation
411 West Fourth Avenue, Suite 314
Anchorage, Alaska 99501
(w/maps and legend)

Bureau of Indian Affairs
Juneau Area Office
P.O. Box 3-8000
Juneau, Alaska 99802
(w/maps and legend)

Area Director
U.S. Fish and Wildlife Service
Division of Realty
1011 East Tudor Road
Anchorage, Alaska 99503
(w/maps and legend)

Bureau of Land Management
Box 666
Bethel, Alaska 99559
(w/maps)

Mr. James P. Duffy
Association of Village Council Presidents
Box 767
Bethel, Alaska 99559

Chief, Real Estate Division
Alaska District
Corps of Engineers
P.O. Box 7002
Anchorage, Alaska 99510
(w/maps and legend)

DM-A (010)
(w/maps)

AM-M (018)
(w/maps)

Chief, Branch of Office Engineering (922)

Chief, Branch of Lands (941)

Chief, Branch of Easement Identification (963)

Fire Management (970)
Attn: J. Costello

AA-47766 (2300.5)

961:HBurleson:pf:06/23/82
foggy*g

F-14824-A (2651)
(961)

JUN 29 1982

The Tundra Drums
P.O. Box 868
Bethel, Alaska 99559

Gentlemen:

Enclosed is a decision to be published once each week in consecutive weekly issues for 4 weeks.

Please send a tear sheet of the first published decision immediately to this office (Attention: ANCSA Operations/961) for proofing and verification. If there are deviations from the attached copy, corrections can then be made before the next publication, reducing your republication expense.

At the expiration of the period of publication, please submit your invoice and appropriate tear sheets, together with the original and one copy of our Advertising Order and Public Voucher with the affidavit on the reverse side completed.

A standard affidavit or proof of publication (notarized) must also be submitted for inclusion in our administrative file. Please send this and the documents listed in the paragraph above to the attention of Management Services (951).

Sincerely yours,

/s/ ANN JOHNSON

Chief, Branch of ANCSA
Adjudication

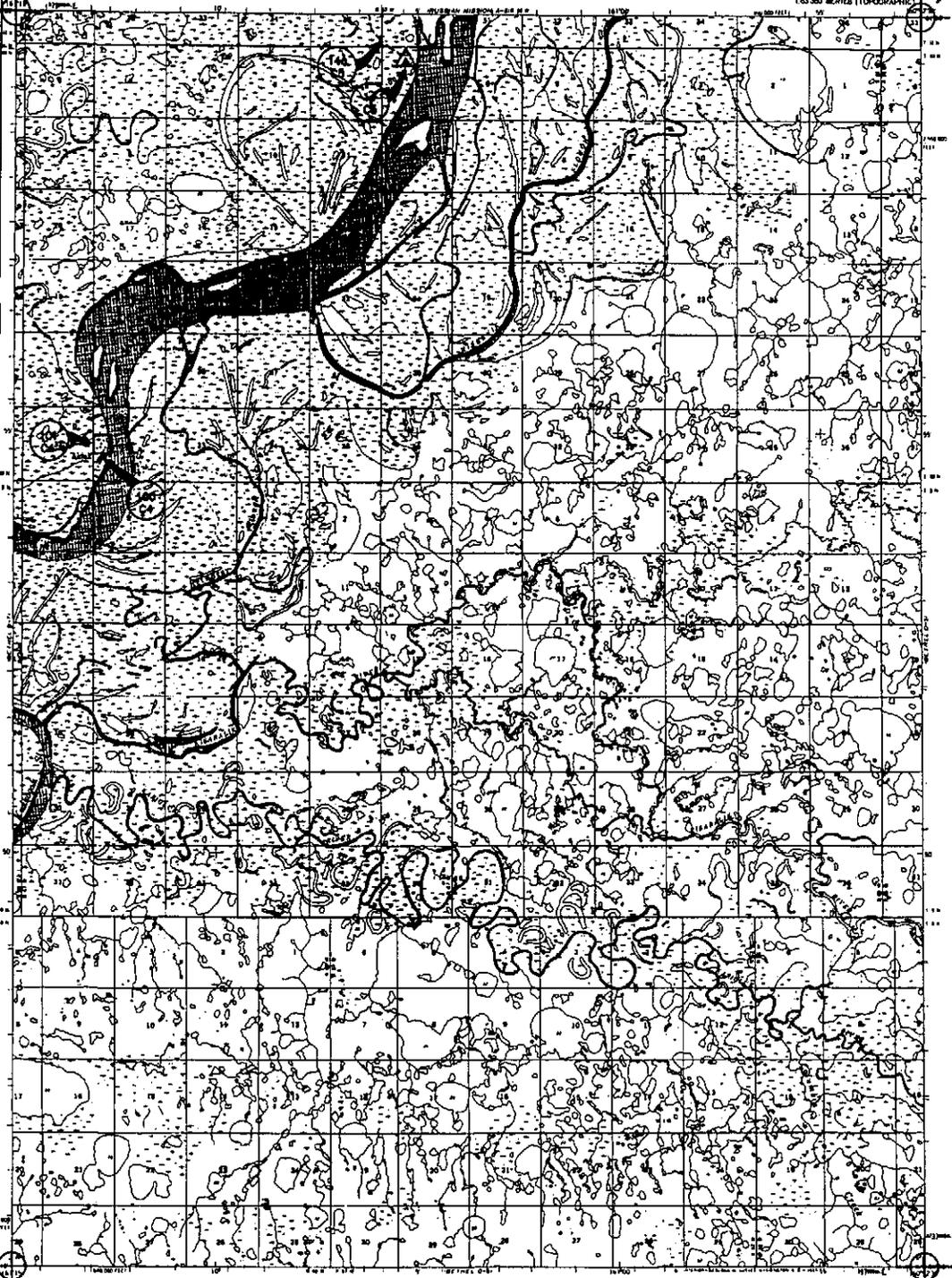
Enclosures:
Notice of Decision for Publication
Public Voucher for Advertising (3)

961:WHill:pf:06/18/82*F
PEARL*g

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BETHEL (D-6) QUADRANGLE
ALASKA
1:63,360 SERIES (TOPOGRAPHIC)

DATE	INITIALS
5/27/52	JMD
5/27/52	JMD



Submerged lands through waters determined as to (or accessible to) stream, trade and commerce. Pending determination of tidal influence.

COMPLIANCE MAP CATALOGING AND INFORMATION RETRIEVAL SYSTEM
CMCIRS - **ENCLOSURE**

Supplied by the Army Map Service
Edited and published by the Geological Survey
Controlled by USGS and USACE
Temporary to photostatic method from aerial photographs
taken 1957 and corrected 1958. May not have reached
National Geographic Society's 1:62,500 scale American edition
10,000 feet grid based on Alaska (Geographic) system zone 1
5000 meter Universal Transverse Mercator grid with
zone 1, UTM to UTM
Land area reported unshaded and unshaded locations
established by the Bureau of Land Management
Page 5, Survey Manual

Controlled by USGS and USACE
1:63,360 SCALE



ROAD CLASSIFICATION
Type
Bethel D-6
BETHEL (D-6), ALASKA
Scale - 1:63,360
1964

FOR SALE BY U.S. GEOLOGICAL SURVEY
FARMERS, ALABAMA; BERRY, CO. COLORADO; OR WASHINGTON, D.C.
* FOLDING DECISIONS NECESSARY WITH OTHERS IN RESULTS OF SURVEY

Current To Date: 01-20-2008

**Kasigluk River
Interim Summary Report
Attachment 8**

F-14824-A

INTERIM CONVEYANCE

WHEREAS

Kokarnuit Corporation

is entitled to a conveyance pursuant to Secs. 14(a) and 22(j) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(a), 1621(j) (Supp. IV, 1980)) of the surface estate in the following described lands:

U.S. Survey No. 2243, Alaska, situated at the Native village of Akiak, on the right bank of the Kuskokwim River, excluding U.S. Survey No. 3068, Townsite of Akiak, Alaska.

Containing approximately 1,189 acres.

Seward Meridian, Alaska (Unsurveyed)

T. 9 N., R. 65 W.

Sec. 29;
Sec. 30, excluding Native allotment F-18140;
Secs. 31 and 32.

Containing approximately 2,516 acres.

T. 8 N., R. 66 W.

Secs. 1 to 6, inclusive;
Sec. 7, excluding Native allotments AA-8966 Parcel B and F-17083 Parcel A;
Secs. 8 to 17, inclusive;
Sec. 18, excluding Native allotment F-17209 Parcel A.

Containing approximately 11,320 acres.

T. 9 N., R. 66 W.

Sec. 4, excluding Native allotments F-15906 and F-17077;
Sec. 5, excluding Native allotment F-17077;
Sec. 6;
Sec. 7, excluding Native allotment F-17082;
Sec. 8, excluding Native allotment F-17077;
Sec. 9, excluding Native allotments F-033569, F-15906, and F-17077;
Secs. 10 and 15;
Sec. 16, excluding Native allotment F-033569;
Sec. 17, excluding Native allotment F-17081;
Sec. 18, excluding Native allotments F-17081 and F-17082;
Sec. 19, excluding Native allotments F-15904, F-17081, and those lands formerly within Native allotment F-025251;
Sec. 20, excluding Native allotment F-17081;
Secs. 21 and 22;
Sec. 25, excluding Native allotments F-17542 and F-18140;
Sec. 26, excluding Native allotment F-17542;
Sec. 27;
Sec. 28, excluding those lands formerly within Native allotment F-030770;
Sec. 29, excluding Native allotment F-15915 and those lands formerly within Native allotment F-030770;
Sec. 30, excluding those lands formerly within Native allotment F-025251;
Sec. 31;

Interim Conveyance No. _____

610

Date DEC 29 1982

This Document has been
corrected by IC No. 1935
Dated 10/04/05

F-14824-A

Sec. 32, excluding Native allotments F-15908, F-15915 and those lands formerly within Native allotment F-030770;
Sec. 33, excluding those lands formerly within Native allotment F-030770;
Sec. 34;
Secs. 35 and 36, excluding Native allotment F-17542.

Containing approximately 15,428 acres.

T. 10 N., R. 66 W.

Secs. 4 to 7, inclusive;
Sec. 8, excluding Native allotment F-15903 Parcel B;
Secs. 9 and 16;
Sec. 17, excluding U.S. Survey No. 6192 and Native allotment F-15910 Parcel A;
Sec. 18;
Sec. 19, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
Sec. 20, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B, F-15910 Parcel A and F-15919;
Sec. 21, excluding Native allotment F-15911;
Sec. 28;
Sec. 29, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
Sec. 30, excluding U.S. Survey No. 6192 and Native allotment F-15900 Parcel B;
Secs. 31, 32 and 33.

Containing approximately 10,304 acres.

T. 8 N., R. 67 W.

Secs. 1 to 4, inclusive;
Secs. 10 to 14, inclusive.

Containing approximately 5,760 acres.

T. 9 N., R. 67 W.

Secs. 1, 2 and 3;
Sec. 4, excluding U.S. Survey No. 2294;
Sec. 5, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
Sec. 6, excluding U.S. Survey No. 2243 and U.S. Survey No. 5068;
Secs. 7 and 8;
Sec. 9, excluding Native allotment F-17922 Parcel B;
Sec. 10, excluding Native allotments F-13194, F-13197, F-17922 Parcel B and F-18549;
Sec. 11, excluding Native allotment F-13194;
Sec. 12, excluding Native allotment F-15698;
Sec. 13, excluding Native allotments F-15912 and F-18420 Parcel A;
Sec. 14, excluding U.S. Survey No. 6159 and Native allotments F-13209, F-15912, F-17220 Parcel A and F-18420 Parcel A;
Sec. 15, excluding U.S. Survey No. 6159 and Native allotments F-13197, F-13209, F-15908, F-17220 Parcel A, F-17922 Parcel B and F-18569;
Sec. 16, excluding Native allotment F-17922 Parcel B;
Secs. 17 and 18;

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F-14824-A

Sec. 19, excluding Native allotments F-13205, F-13301 and F-15902;
Sec. 20, excluding Native allotments F-13301 and F-15902;
Sec. 21;
Sec. 22, excluding U.S. Survey No. 6159 and Native allotment F-15909;
Sec. 23;
Sec. 24, excluding lands formerly within Native allotment F-025251;
Sec. 25, excluding Native allotment F-16846 and lands formerly within Native allotment F-28251;
Sec. 26, excluding Native allotment F-16846;
Secs. 27 and 28;
Sec. 29, excluding Native allotment F-15902;
Sec. 30, excluding Native allotments F-13205, F-13345 and F-15901 Parcel B;
Sec. 31, excluding Native allotment F-13345;
Secs. 32, 33 and 34;
Secs. 35 and 36, excluding Native allotment F-16846.

Containing approximately 18,037 acres.

T. 10 N., R. 67 W.

Secs. 1 and 2;
Sec. 3, excluding Native allotment F-15916;
Sec. 4, excluding Native allotment F-15917;
Sec. 5;
Sec. 6, excluding U.S. Survey No. 6195 and Native allotment F-15914;
Secs. 7 to 14, inclusive;
Sec. 15, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel A;
Sec. 16, excluding U.S. Survey No. 6193 and Native allotment F-15905;
Sec. 17, excluding U.S. Survey No. 6193 and Native allotments F-15900 Parcel A and F-15905;
Secs. 18 and 19;
Sec. 20, excluding U.S. Survey No. 6193 and Native allotment F-15900 Parcel A;
Sec. 21, excluding U.S. Survey No. 6189 and Native allotment F-15920;
Sec. 22, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcels A and B;
Sec. 23, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel B;
Sec. 24;
Sec. 25, excluding Native allotment F-13377;
Secs. 26 and 27;
Sec. 28, excluding U.S. Survey No. 6189 and Native allotment F-15920;
Secs. 29 and 30, excluding U.S. Survey No. 2243;
Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
Sec. 33, excluding U.S. Survey No. 2294;
Secs. 34, 35 and 36.

Containing approximately 18,927 acres.

Interim Conveyance No.

610

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Dated 10/04/05

F-14824-A

T. 11 N., R. 67 W.
Secs. 20 and 21;
Secs. 28 to 33, inclusive.

Containing approximately 5,075 acres.

T. 9 N., R. 68 W.
Secs. 1 and 2, excluding U.S. Survey No. 5686, and Native
allotment F-15910 Parcel B;
Sec. 3;
Secs. 10 and 11, excluding Native allotment F-13199;
Secs. 12, 13 and 14;
Sec. 15, excluding U.S. Survey No. 6152 and Native
allotments F-16592 and F-16593.

Containing approximately 4,047 acres.

T. 10 N., R. 68 W.
Secs. 1, 2 and 3;
Secs. 10, 11 and 12;
Secs. 13 and 14, excluding Native allotment F-16593;
Sec. 15;
Secs. 21, 23 and 24;
Sec. 25, excluding U.S. Survey No. 2243;
Secs. 28 and 29;
Secs. 34 and 35;
Sec. 36, excluding U.S. Survey No. 2243.

Containing approximately 11,110 acres.

T. 11 N., R. 68 W.
Secs. 25 and 36.

Containing approximately 1,280 acres.

Aggregating approximately 102,993 acres.

Excluded from the above-described lands herein conveyed are the submerged lands, up to the ordinary high water mark, beneath all water bodies determined by the Bureau of Land Management to be navigable because they have been or could be used in connection with travel, trade and commerce, or are pending a tidal determination at the time of survey. Those water bodies are identified on the attached navigability maps, the original of which will be found in assessment case file F-14824-ER.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation the surface estate in the land above described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said corporation, its successors and assigns, forever:

EXCEPTING AND RESERVING TO THE UNITED STATES from the lands so granted:

1. The subsurface estate therein, and all rights, privileges, immunities, and appurtenances, of whatsoever nature, accruing unto said estate pursuant to the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(f)); and

Interim Conveyance No. 610

Date DEC 2 8 1987

This Document has been
corrected by IC No. 1935
Dated 10/04/05

2. Pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)), the following public easements, referenced by easement identification number (EIN) on the easement maps attached to this document, copies of which will be found in case file F-14824-EE, are reserved to the United States. All easements are subject to applicable Federal, State, or Municipal corporation regulation. The following is a listing of uses allowed for each type of easement. Any uses which are not specifically listed are prohibited.

25 Foot Trail - The uses allowed on a twenty-five (25) foot wide trail easement are: travel by foot, dogsled, animals, snowmobiles, two- and three-wheel vehicles, and small and large all-terrain vehicles (ATV's) (less than 3,000 lbs. Gross Vehicle Weight (GVW)).

One Acre Site - The uses allowed on a one (1) acre site easement are: vehicle parking (e.g., aircraft, boats, ATV's, snowmobiles, cars, trucks), temporary camping, and loading or unloading. Temporary camping, loading or unloading shall be limited to 24 hours.

- a. (EIN 14 C5) A one (1) acre site easement upland of the ordinary high water mark in Sec. 1, T. 10 N., R. 67 W., Seward Meridian, on the right bank of the Kuskokwim River. The uses allowed are those listed above for a one (1) acre site easement.
- b. (EIN 14a C5) An easement for a proposed access trail twenty-five (25) feet in width from site EIN 14 C5 northwesterly to public land. The uses allowed are those listed above for a twenty-five (25) foot wide trail easement. The season of use will be limited to winter.

THE GRANT OF THE ABOVE-DESCRIBED LANDS IS SUBJECT TO:

1. Issuance of a patent after approval and filing by the Bureau of Land Management of the official plat of survey confirming the boundary description and acreage of the lands hereinabove granted;
2. Valid existing rights therein, if any, including but not limited to those created by the lease (including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (48 U.S.C. Ch. 2, Sec. 6(g))), contract, permit, right-of-way, or easement, and the right of the lessee, contractor, permittee, or grantee to the complete enjoyment of all rights, privileges, and benefits thereby granted to him. Further, pursuant to Sec. 17(b)(2) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)(2) (ANCSA)), any valid existing right recognized by ANCSA shall continue to have whatever right of access as is now provided for under existing law; and

Interim Conveyance No. 610

Date DEC 2 9 1982

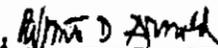
This Document has been
corrected by IC No. 1935
Dated 10/04/05

P-14824-A

3. Requirements of sec. 14(c) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(c) (Supp. IV, 1980)), that the grantee hereunder convey those portions, if any, of the lands hereinabove granted, as are prescribed in said section.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereunto affixed on this 29th day of December, 1982, in Anchorage, Alaska.

UNITED STATES OF AMERICA


Assistant to the State Director
for Conveyance Management

Interim Conveyance No. 610
Date DEC 29 1982

This Document has been
corrected by IC No. 1935
Dated 10/04/05

INTERIM CONVEYANCE

WHEREAS

Calista Corporation

is entitled to a conveyance pursuant to Secs. 14(f) and 22(j) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(f), 1621(j)), of the subsurface estate reserved to the United States in the hereinbelow identified interim conveyance of the surface estate in the following described lands:

Interim Conveyance No. 610

U.S. Survey No. 2243, Alaska, situated at the Native village of Akiak, on the right bank of the Kuskokwim River, excluding U.S. Survey No. 5068, Townsite of Akiak, Alaska.

Containing approximately 1,189 acres.

Seward Meridian, Alaska (Unsurveyed)

T. 9 N., R. 65 W.

- Sec. 29;
- Sec. 30, excluding Native allotment F-18140;
- Secs. 31 and 32.

Containing approximately 2,516 acres.

T. 8 N., R. 66 W.

- Secs. 1 to 6, inclusive;
- Sec. 7, excluding Native allotments AA-8966 Parcel B and F-17063 Parcel A;
- Secs. 8 to 17, inclusive;
- Sec. 18, excluding Native allotment F-17209 Parcel A.

Containing approximately 11,320 acres.

T. 9 N., R. 66 W.

- Sec. 4, excluding Native allotments F-15906 and F-17077;
- Sec. 5, excluding Native allotment F-17077;
- Sec. 6;
- Sec. 7, excluding Native allotment F-17082;
- Sec. 8, excluding Native allotment F-17077;
- Sec. 9, excluding Native allotments F-033569, F-15906, and F-17077;
- Secs. 10 and 15;
- Sec. 16, excluding Native allotment F-033569;
- Sec. 17, excluding Native allotment F-17081;
- Sec. 18, excluding Native allotments F-17081 and F-17082;
- Sec. 19, excluding Native allotments F-15904, F-17081, and those lands formerly within Native allotment F-025251;
- Sec. 20, excluding Native allotment F-17081;
- Secs. 21 and 22;
- Sec. 25, excluding Native allotments F-17542 and F-18140;
- Sec. 26, excluding Native allotment F-17542;
- Sec. 27;
- Sec. 28, excluding those lands formerly within Native allotment F-030770;

Interim Conveyance No. 611

Date DEC 29 1982

- Sec. 29, excluding Native allotment F-15915 and those lands formerly within Native allotment F-030770;
- Sec. 30, excluding those lands formerly within Native allotment F-025251;
- Sec. 31;
- Sec. 32, excluding Native allotments F-15908, F-15915 and those lands formerly within Native allotment F-030770;
- Sec. 33, excluding those lands formerly within Native allotment F-030770;
- Sec. 34;
- Secs. 35 and 36, excluding Native allotment F-17542.

Containing approximately 15,428 acres.

T. 10 N., R. 66 W.

- Secs. 4 to 7, inclusive;
- Sec. 8, excluding Native allotment F-15903 Parcel B;
- Secs. 9 and 16;
- Sec. 17, excluding U.S. Survey No. 6192 and Native allotment F-15910 Parcel A;
- Sec. 18;
- Sec. 19, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
- Sec. 20, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B, F-15910 Parcel A and F-15919;
- Sec. 21, excluding Native allotment F-15911;
- Sec. 28;
- Sec. 29, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
- Sec. 30, excluding U.S. Survey No. 6192 and Native allotment F-15900 Parcel B;
- Secs. 31, 32 and 33.

Containing approximately 10,304 acres.

T. 8 N., R. 67 W.

- Secs. 1 to 4, inclusive,
- Secs. 10 to 14, inclusive.

Containing approximately 5,760 acres.

T. 9 N., R. 67 W.

- Secs. 1, 2 and 3;
- Sec. 4, excluding U.S. Survey No. 2294;
- Sec. 5, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
- Sec. 6, excluding U.S. Survey No. 2243 and U.S. Survey No. 5068;
- Secs. 7 and 8;
- Sec. 9, excluding Native allotment F-17922 Parcel B;
- Sec. 10, excluding Native allotments F-13194, F-13197, F-17922 Parcel B and F-18569;
- Sec. 11, excluding Native allotment F-13194;
- Sec. 12, excluding Native allotment F-15898;
- Sec. 13, excluding Native allotments F-15912 and F-18420 Parcel A;
- Sec. 14, excluding U.S. Survey No. 6159 and Native allotments F-13209, F-15912, F-17220 Parcel A and F-18420 Parcel A;

Interim Conveyance No. 611
 Date DEC 29 1932

- Sec. 15, excluding U.S. Survey No. 6159 and Native allotments F-13197, F-13209, F-15909, F-17220 Parcel A, F-17922 Parcel B and F-18569.
- Sec. 16, excluding Native allotment F-17922 Parcel B;
- Secs. 17 and 18;
- Sec. 19, excluding Native allotments F-13301, F-13205 and F-15902;
- Sec. 20, excluding Native allotments F-13301 and F-15902;
- Sec. 21;
- Sec. 22, excluding U.S. Survey No. 6159 and Native allotment F-15909;
- Sec. 23;
- Sec. 24, excluding lands formerly within Native allotment F-025251;
- Sec. 25, excluding Native allotment F-16846 and lands formerly within Native allotment F-25251;
- Sec. 26, excluding Native allotment F-16846;
- Secs. 27 and 28;
- Sec. 29, excluding Native allotment F-15902;
- Sec. 30, excluding Native allotments F-13205, F-13345 and F-15901 Parcel B;
- Sec. 31, excluding Native allotment F-13345;
- Secs. 32, 33 and 34;
- Secs. 35 and 36, excluding Native allotment F-16846.

Containing approximately 18,037 acres.

T. 10 N., R. 67 W.

- Secs. 1 and 2;
- Sec. 3, excluding Native allotment F-15916;
- Sec. 4, excluding Native allotment F-15917;
- Sec. 5;
- Sec. 6, excluding U.S. Survey No. 6195 and Native allotment F-15914;
- Secs. 7 to 14, inclusive;
- Sec. 15, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel A;
- Sec. 16, excluding U.S. Survey No. 6193 and Native allotment F-15905;
- Sec. 17, excluding U.S. Survey No. 6193 and Native allotments F-15900 Parcel A and F-15905;
- Secs. 18 and 19;
- Sec. 20, excluding U.S. Survey No. 6193 and Native allotment F-15900 Parcel A;
- Sec. 21, excluding U.S. Survey No. 6189 and Native allotment F-15920;
- Sec. 22, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcels A and B;
- Sec. 23, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel B;
- Sec. 24;
- Sec. 25, excluding Native allotment F-13377;
- Secs. 26 and 27;
- Sec. 28, excluding U.S. Survey No. 6189 and Native allotment F-15920;
- Secs. 29 and 30, excluding U.S. Survey No. 2243;
- Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
- Sec. 33, excluding U.S. Survey No. 2294;
- Secs. 34, 35 and 36.

Containing approximately 16,927 acres.

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T. 11 N., R. 67 W.
Secs. 20 and 21;
Secs. 28 to 33, inclusive.

Containing approximately 5,075 acres.

T. 9 N., R. 68 W.
Secs. 1 and 2, excluding U.S. Survey No. 5686, and Native allotment F-15910 Parcel B;
Sec. 3;
Secs. 10 and 11, excluding Native allotment F-13199;
Secs. 12, 13 and 14;
Sec. 15, excluding U.S. Survey No. 6152 and Native allotments F-16592 and F-16595.

Containing approximately 4,047 acres.

T. 10 N., R. 68 W.
Secs. 1, 2 and 3;
Secs. 10, 11, and 12;
Secs. 13 and 14, excluding Native allotment F-16593;
Sec. 15;
Secs. 22, 23 and 24;
Sec. 25, excluding U.S. Survey No. 2243;
Secs. 26 and 27;
Secs. 34 and 35;
Sec. 36, excluding U.S. Survey No. 2243.

Containing approximately 11,110 acres.

T. 11 N., R. 68 W.
Secs. 25 and 36.

Containing approximately 1,280 acres.

Aggregating approximately 102,993 acres.

Excluded from the above-described lands herein conveyed are the submerged lands, up to the ordinary high water mark, beneath all water bodies determined by the Bureau of Land Management to be navigable because they have been or could be used in connection with travel, trade and commerce, or are pending a tidal determination at the time of survey. Those water bodies are identified on the attached navigability maps, the original of which will be found in easement case file F-14824-EE.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation the subsurface estate in the land above described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said corporation, its successors and assigns, forever;

THE GRANT OF THE ABOVE-DESCRIBED LANDS IS SUBJECT TO all the easements and rights-of-way reserved in the aforementioned conveyance of the surface estate, and to valid existing rights therein, if any, in the said subsurface estate, including but not limited to those created by any lease (including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (48 U.S.C. Ch. 2, Sec. 6(g))), contract, permit, right-of-way, or easement, and the

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Interim Conveyance No. _____
Date DEC 29 1982 _____

right of the lessee, contractee, permittee, or grantee to the complete enjoyment of all rights, privileges, and benefits thereby granted to him.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereunto affixed on this 29th day of December, 1982, in Anchorage, Alaska.

UNITED STATES OF AMERICA

Alvin D. Arnold

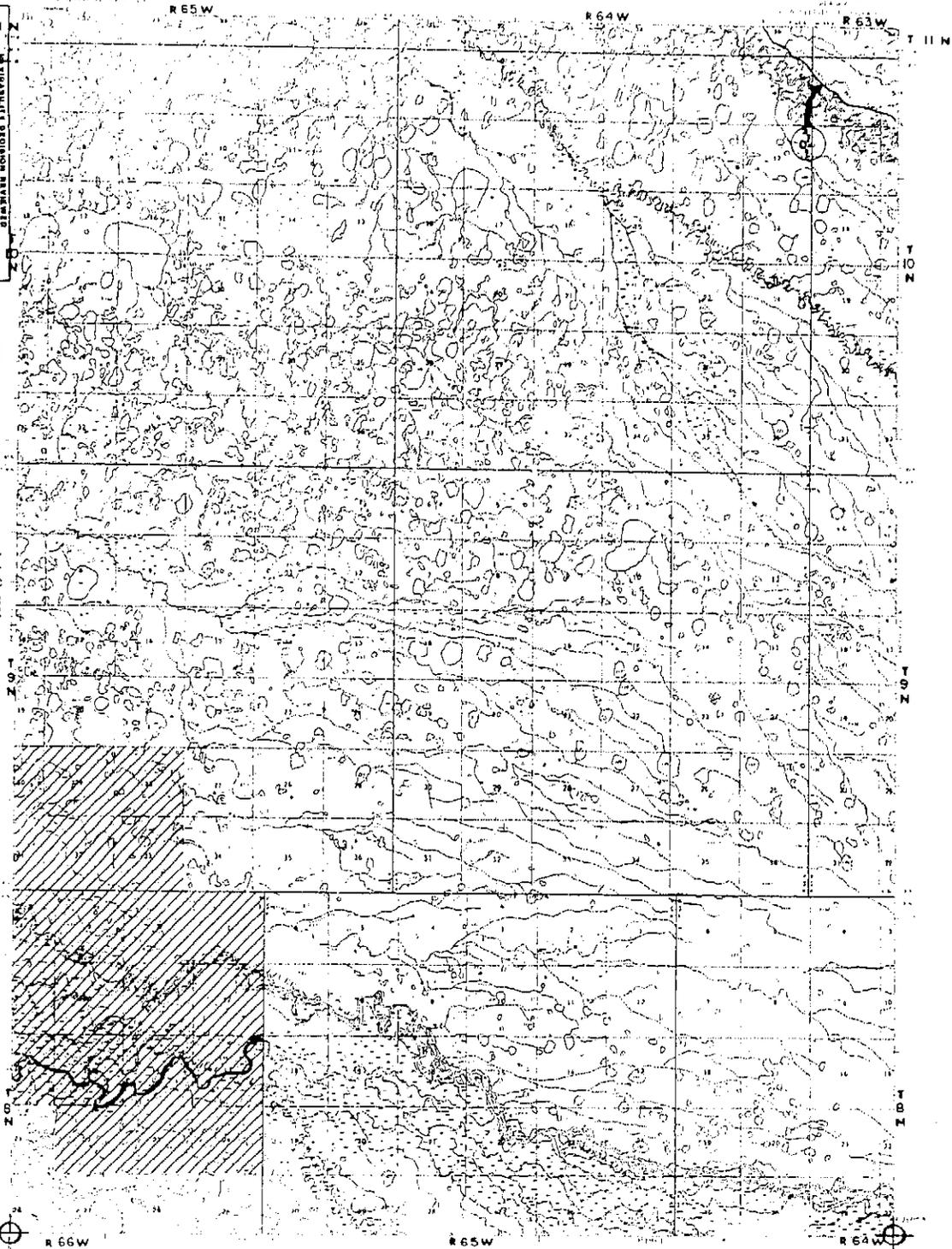
Assistant to the State Director
for Conveyance Management

Interim Conveyance No. 611

Date DEC 29 1982

VALLEY	BOYD	SECTION	1
10-10-10-10-10-10	10-10-10-10-10-10	10-10-10-10-10-10	10-10-10-10-10-10

1 Pending determination of tidal influence
 of 100' or less from mean low water spring tide
 or 100' or less from mean low water neap tide



NOTICE	DATE
DECLARATION	10/17/74
CONVEY	

AKIAK VILLAGE SELECTION

Application of Dec 17, 1974
 Represents nearest whole section.
 (Application may be less than 640 acres)

----- Core Township

Original Enclosure
 Sublot 2 of 10/17/74 B-17

SECTION 10-10-10-10-10-10
 10-10-10-10-10-10
 BETHEL D-5

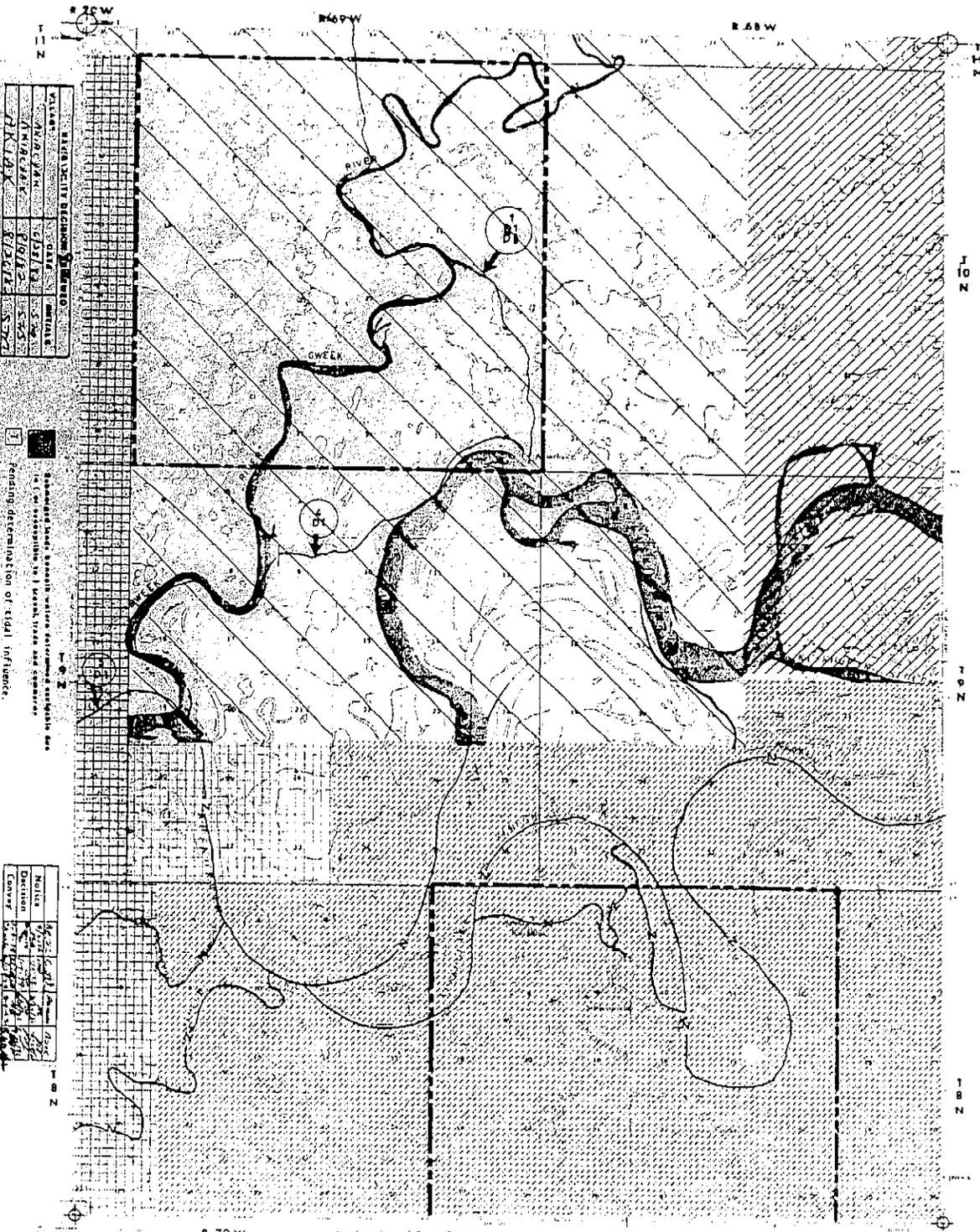
610

State Lands Office
DEC 29 1982
 Bethel, Alaska
 B-17
 I hereby certify that this production is a true and correct copy of the original record on file in the office.
 [Signature]

DATE: 5/28/82
INITIALS: [Handwritten]

Pending determination of tidal influence.

NOTICE: [Handwritten notes]



VILLAGE	DATE	INITIALS
AKIACHAK	5/28/82	[Handwritten]

Pending determination of tidal influence.

NOTICE	DATE	INITIALS
[Handwritten]	[Handwritten]	[Handwritten]

Application of Dec. 17, 1974
Requirements nearest - half section
(Application may be less than 640 acres)

- AKIACHAK VILLAGE SELECTION
- AKIAK VILLAGE SELECTION
- BETHEL VILLAGE SELECTION
- KWETHLUK VILLAGE SELECTION

--- Core Township

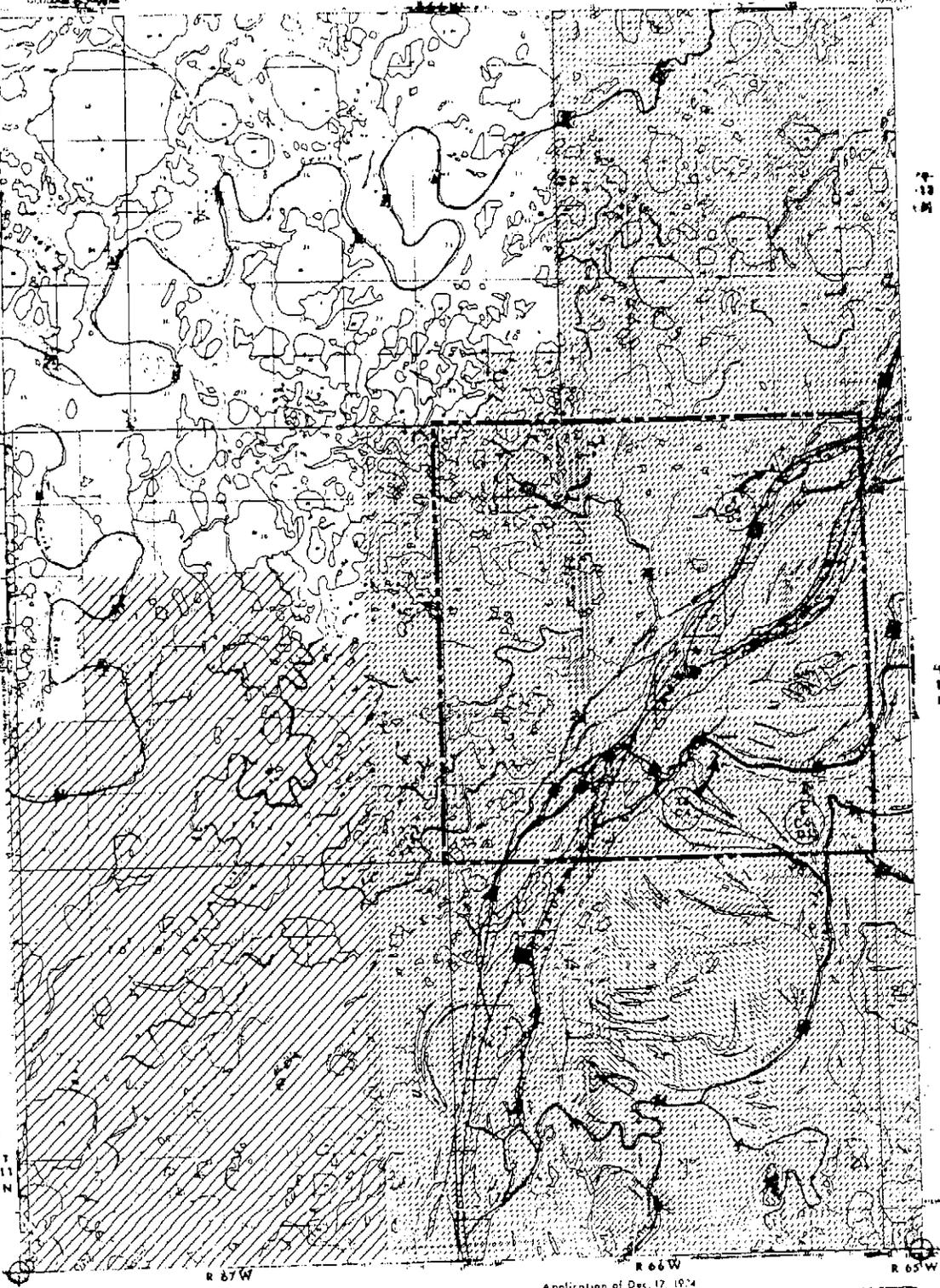
Alaska State Office
 DEC 29 1982 Anchorage, Alaska
 DATE
 I hereby certify that this reproduction is a
 copy of the official record on file in this office.
 [Handwritten Signature]
 AUTHORIZED SIGNATURE

610

STATE	ALASKA
COUNTY	VALDEZ
TOWNSHIP	12N
RANGE	67W
SECTION	11

Approved for publication on 3/1/82. This map was prepared by the Bureau of Land Management, U.S. Department of the Interior.

DATE	12/17/82
BY	J. J. [unclear]
REVISION	1/1/82
BY	[unclear]
DATE	1/1/82
BY	[unclear]



OVER SELECTION

AKIAK VILLAGE SELECTION

AKIACHAK VILLAGE SELECTION
 TULUKSAK VILLAGE SELECTION

Application of Dec. 17, 1974
 Represents nearest whole section
 (application may be less than 640 acres)

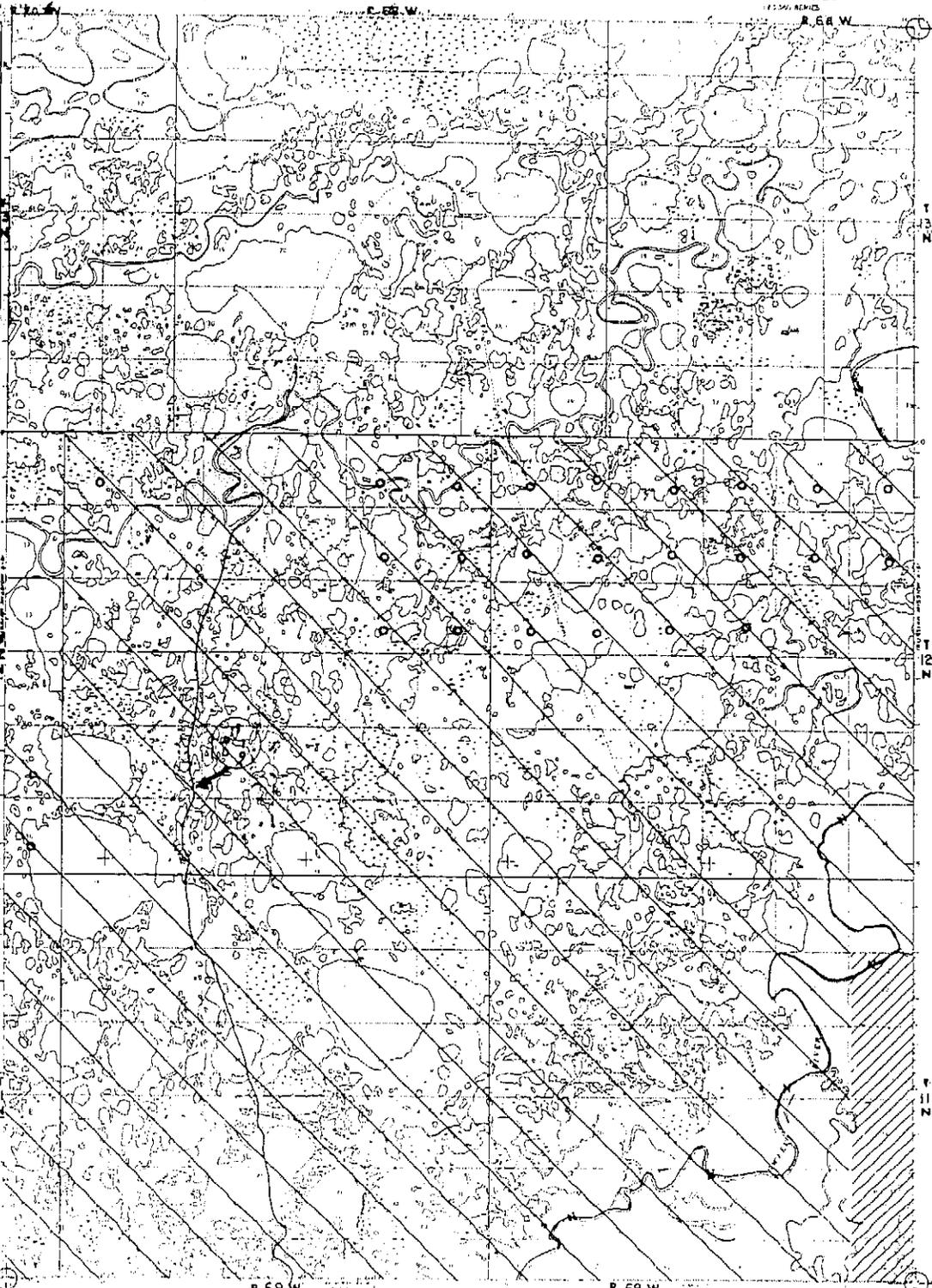
PCO 12/17/82
 AKIACHAK
 AKIAK
 TULUKSAK

RUSKAY MISSION A-6

5/12/81

Alaska State Office
 DEC 29 1982 Anchorage, Alaska
 DATE
 I hereby certify that this map is correct.

SECTION	DATE	INITIALS
AKIACHAK	1/21/74	STW
AKIACHAK	1/21/74	STW
AKIACHAK	1/21/74	STW



Some part lands beneath other approved applications to 1 or susceptible to 1 lateral, river and groundwater. Pending determination of tidal influence.

Notice	Decision	Conversion

AKIAK VILLAGE SELECTION

AKIACHAK VILLAGE SELECTION

Application of Dec 17, 1974

MS 12/15 67
AKIACHAK
AKIAK

Represents nearest whole section (application may be less than 640 acres)

--- Cont. Township

RUSSIAN MISSION (R-7) ALASKA
1:50,000 SERIES
67 9 750

Alaska State Office
Anchorage, Alaska
DATE
I hereby certify that this reproduction is a copy of the official record on file in this office.

610

at 5-3-89
W. Brown 5-7-89
KARSTETTER
5/3/89

**Kasigluk River
Interim Summary Report
Attachment 9**

Marshall-GS-FY'89-#1
Baird Inlet-GS-FY'89-#1
Russian Mission-GS-FY'89-#1
Bethel-GS-FY'89-#1
F-14823 (75.4)
✓ F-14824 (75.4)
F-14835 (75.4)
F-14873 (75.4)
F-14838 (75.4)
F-14883 (75.4)
F-14914 (75.4)
F-14949 (75.4)
(961)

MAY 8 1989

Memorandum

To: Deputy State Director for Cadastral Survey (923)
From: Deputy State Director for Conveyance Management (960)
Subject: Navigable Waters in Group Survey No. 268 (Window 1836)

This memorandum identifies navigable water bodies below a certain size on lands in window 1836 [Atmaultluak, Nunapitchuk, Kasigluk, Akiachak, Akiak, Tuluksak, Bethel (North), and Kwethluk (North)] selected (but not conveyed) under the Alaska Native Claims Settlement (ANCSA), the Statehood Act, and the Native Allotment Act, and not reserved or withdrawn at the time Alaska joined the Union. It also identifies navigable waters excluded from interim conveyances under ANCSA and tentative approvals under the Statehood Act. Finally, this memo identifies navigable waters on or along small claims in areas not selected under ANCSA or the Statehood Act. (Only those cemetery and historic sites that the BIA has examined in the field are reviewed.)

Table 5 lists the fifty-eight townships and navigable waters. Streams 198 feet or more in width, such as the Kuskokwim and Pikmiktalik rivers are not listed in the report because, regardless of their navigability status, they are segregated on the survey plats. The same is true for lakes fifty acres or more. Many of these water bodies are listed in Table 1.



All smaller water bodies excluded from the ICs are identified in Table 2. Most of these were excluded on the basis of "navigability maps" referenced in the ICs. Copies of these maps are attached. Navigable waters on selected lands which were identified mainly through aerial photo interpretation, are listed in Table 3. Navigable waters on or along Native allotments and historical sites identified through aerial photograph interpretation are listed in Table 4.

The BLM's navigability determinations are based on criteria described in the memorandum dated March 16, 1976, from the Associate Solicitor, Division of Energy and Resources, to the Director, Bureau of Land Management, subject "Title to submerged lands for purposes of administering ANCSA"; the Alaska Native Claims Appeal Board's (ANCAB) decision (RLS 76-2) of December 14, 1979, on the navigability of the Nation and Kandik rivers; the Regional Solicitor's February 25, 1980, interpretation of the ANCAB decision; and dicta in the United States District Court's decision (A80-359) of April 16, 1987, on the navigability of the Gulkana River. In general, the BLM considers nontidal water bodies navigable if, at the time of Statehood, they were navigable for crafts larger than a one-person kayak.

Information about the land status, history, and physical character of water bodies in the report area comes primarily from the USCS Marshall, Baird Inlet, Russian Mission, and Bethel maps; the BLM's "navigability maps" and its infrared aerial photographs taken in 1980, at 60,000 feet (roll 7, frames 277, 279, 292, 293, 294, and 299) and in August 1987, at 40,000 feet (flight 1, roll 1, frames 1-41; flight 2, roll 1, frames 1-40; flight 3, roll 1, frames 1-36; flight 4, roll 1, frames 1-36; flight 5, roll 1, frames 1-36; flight 6, roll 1, frames 1-33; flight 7, roll 1, frames 1-39; flight 8-A, roll 2, frames 1-10; flight 8-B, roll 1, frames 1-6; flight 9, roll 2, frames 1-14; and flight 10, roll 2, frames 1-15); BLM's master title plats, Alaska Automated Lands and Minerals Record System, easement and Native allotment files, and prior navigability reports. In addition, Dot Tideman of the BLM's Navigability Section interviewed the following people:

<u>Name</u>	<u>Date(s)</u>	<u>Phone number and Background</u>
Frederick, Frank	1/12/89 & 1/31/89	(825-4520) Akiachak resident
Moses, John, Jr.	1/12/89	(825-4520) Akiachak resident
Wade, Mike	1/12/89	(543-2847) ADF&G Bethel
Huttun, Dan	1/12/89	(543-3151) Hunter and fisherman
Perry, Ron	1/20/89	(543-3151) F&W Manager, Bethel
Snyder, Robert	1/31/89	(825-4328) Akiachak Police Chief
Fritz, George	1/31/89	(825-4328) Akiachak Ltd's Land Manager
Demantle, Joseph	1/31/89	(695-6615) Tuluksak resident
Peter, Phillip	2/1/89	(695-6213) Tuluksak resident

Sam George, a board member for Akiachak, Ltd. (825-4328), was not familiar with the water bodies; however, he suggested several contacts. For a full account of the interviews, see Dot Tideman to File F-14823, March 14, 1989.

Tuluksak River

On May 22, 1985, the BLM determined the Tuluksak River navigable from its mouth to several townships upstream of the report area at Upper Landing (about mile fifty-nine). [See John J. Rumps to Chief, Branch of Conveyance Services (962), May 22, 1985.]

Gweek River

Gweek River, an anabranch of the Kuskokwim River, heads in lowlands approximately eight and one-half miles north of Tuluksak and flows seventy miles southwesterly to again join the Kuskokwim River downstream approximately seven miles northeast of Bethel. As calculated from the USGS Russian Mission A-5, A-6, A-7, B-5, B-6, and Bethel D-7 quadrangles, the river has a negligible gradient. About fifty-eight miles of the river are meanderable by reason of size. NASA infrared aerial photography taken in August 1987 at 40,000 feet (flight 7, roll 1, frames 29 and 32; flight 8, roll 2, frame 8; flight 8A, roll 2, frames 8 and 9; flight 9, roll 2, frames 1, 2, and 4, and flight 10, roll 2, frame 5), show the river flowing through swampland. Several sections are heavily vegetated and appear to be dry (or nearly so) for a total of ten miles in Sec. 1, T. 13 N., R. 65 W., SM., Secs. 20 and 29, T. 13 N., R. 66 W., SM, between Secs. 7 and 29, T. 12 N., R. 67 W., SM, and upstream of the report area in Secs. 30 and 31, T. 14 N., R. 64 W., Seward Meridian.

Most of the Gweek River's lower reaches in the group survey flow through lands that have passed from BLM's jurisdiction in Interim Conveyances 618 and 1027 and in its upper reaches in T. 13 N., Rs. 64 and 65 W., SM in IC 542. The riverbed was excluded from these conveyances, because BLM considered the waterway navigable in the conveyed area. Lands remain selected in Sec. 6, T. 13 N., R. 64 W., SM; Secs. 1, 4, 5, 7, 8, and 12, T. 13 N., R. 65 W., SM; T. 12 N., R. 67 W., SM; Sec. 1, T. 12 N., R. 68 W., SM.; and Sec. 12, T. 11 N., R. 68 W., SM. The river flows through selected lands upstream of the report area in T. 14 N., R. 64., SM and through the Yukon Delta National Wildlife Refuge in T. 14 N., Rs. 64 and 65 W., SM.

Six individuals that Tideman contacted provided information concerning their travel up a portion of the river. From Bethel, Mike Wade has taken eighteen- and twenty-foot boats to a tributary in Sec. 8, T. 13 N., R. 65 W., SM, approximately sixty miles upstream or nearly the river's length. Wade said that there is a one-quarter mile section where the river is very narrow, but it still has a deep channel. Finally, he said that he had heard that the local people boat the entire river in twenty- and twenty-two-foot boats. Robert Snyder has taken a boat to a point approximately eight miles downstream from where Wade boated before small alders prevented further upstream travel. He thought one can get through this section at high water in the spring. He too heard that Tuluksak residents boat the entire river, pulling their boats through narrow sections. Frank Frederick and John Moses, Jr., often boat to about one-half mile below John Moses, Sr.'s, Native allotment which lies about forty-five miles upstream in Sec. 19, T. 13 N., R. 67 W., SM in a sixteen-foot boat (propeller and lift). Here the river is three to six feet deep and about twenty feet wide. Frederick said that they have to line their boat through several short stretches; however, the channel remains deep. Philip Peter and Dan Huttun boated upstream to T. 12 N., R. 67 W., SM, directly west of Tuluksak village. Peter said that the water is six feet deep or more in most

areas. Huttun thought that the entire river could be boated with minimal portaging. George Fritz boated a portion of the river and said that the river is open for navigation to Moses' Native allotment.

Several other individuals provided opinions about the navigability of both the upper and lower reaches of the river. Having flown over the it, Ron Perry stated that he sees boats on the entire river all the time. He spoke with the villagers and said that they claim to boat the river between June and October with a minimal amount of portaging. Joseph Demantle said that many Tuluksak villagers boat the entire river.

I determine the Gweek River navigable from its lower mouth to and through T. 13 N., R. 65 W., SM and from its upper mouth to the middle of Sec. 12, T. 13 N., R. 64 W., SM. One individual boated nearly through the report area. The two miles upstream from where he boated are wide -- doubled-lined on the USGS map. The river remains approximately two to three chains wide for this distance on the infrared photographs taken in 1987 (roll 2, flight 9, frame 2). The upper river ranges from one to four chains wide up to a left bank tributary in Sec. 12, T. 13 N., R. 65 W., SM. Local residents of Akiachak and Tuluksak boat these portions of the river on a regular basis. All individuals believe that boaters can portage the shallower sections.

The remainder of the river in the report area is non-navigable. In the photographs the river appears to be dry in sections, some of which are a mile or more in length.

Miscellaneous Navigable Water Bodies

I determine water bodies listed in Tables 3 and 4 navigable. The sloughs which have little or no gradient and fill quickly when the Kuskokwim River rises during spring breakup and rainy seasons, are considered to be navigable if a clear channel is evident in the aerial photographs. Low level photographs taken during field examinations are also used to determine the navigability of marginal streams. During high water periods the sloughs certainly are susceptible to canoe navigation.

Other Water Bodies

The remaining water bodies are not suitable for navigation. Some of the creeks and sloughs are too shallow, narrow, and filled with vegetation. In many cases they are discontinuous and/or dry and landlocked. The unnamed tributary from Secs. 12 and 13 to Sec. 6 in T. 9 N., R. 65 W., SM, and its left bank stream from Sec. 36 to Sec. 6 are examples. Although the stream and its tributary are open downstream, they are less than one-half chain wide, and intermittently closed off in areas with what appears to be deadfalls and grass. These streams are not canoeable and for all practical purposes they are nonnavigable. (See August 20, 1987 infrared aerial photographs flight 3, roll 1, frames 32 and 33.) The lakes are too small and drained by small shallow creeks. Many lakes are also landlocked.

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961:DTideman:hc:5-02-89:1564t

Table 1

Partial List of Rivers, Streams, and Sloughs More Than Three Chains Wide and Lakes Fifty Acres in Size in Survey Window 1836 (Atmautluak, Nunapitchuk, Kasigluk, Akiachak, Akiak, Tuluksak, Bethel (North), and Kwethluk (North))

1. Kuskokwim River.
2. Interconnecting slough of Kuskokwim River in Secs. 21, 28, and 29, T. 13 N., R. 64 W., SM.
3. Interconnecting slough of Kuskokwim River with mouth in Sec. 10, T. 13 N., R. 64 W., SM and in Sec. 27, T. 14 N., R. 64 W., SM.
4. Slough heading in Sec. 34, T. 14 N., R. 64 W., SM, and joining Bogus Creek in Sec. 11, T. 13 N., R. 64 W., SM.
5. Interconnecting slough of Kuskokwim River with mouths in Sec. 36, T. 13 N., R. 65 W., SM and Sec. 6, T. 12 N., R. 65 W., SM.
6. Anabranch of Kuskokwim and Gweek rivers with mouths in Sec. 19, T. 13 N., R. 64 W., SM and in Sec 35, T. 13 N., R. 65 W., SM.
7. Interconnecting slough of Kuskokwim River in Sec. 31, T. 13 N., R. 64 W., SM and Sec. 36, T. 13 N., R. 65 W., SM.
8. Interconnecting slough of Kuskokwim River heading in NW $\frac{1}{4}$ Sec. 33, T. 12 N., R. 66 W., SM and emptying in Sec. 7, T. 11 N., R. 66 W., SM.
9. Mishevik Slough in T. 10 N., Rs. 66 and 67 W., SM.
10. Right-bank slough emptying into the Kisaralik River in Secs. 20 and 21, T. 9 N., R. 67 W., SM.
11. Reindeer Slough from its head in Sec. 21, T. 10 N., R. 67 W., SM to its mouth in Sec. 15, T. 9 N., R. 67 W., SM.
12. West channel of Reindeer Slough in Secs. 21 and 28, T. 10 N., R. 67 W., SM.
13. Slough of Kuskokwim River in S $\frac{1}{2}$ S $\frac{1}{2}$ of Sec. 8 to its mouth in Sec. 17, T. 9 N., R. 68 W., SM.
14. Interconnecting slough of Kuskokwim River in Secs. 2 and 10, T. 9 N., R. 68 W., SM.
15. Slough from Kuskokwim River to Kuskokuak Slough in Secs. 16, 21, and 28, T. 9 N., R. 68 W., SM.
16. Gweek River in Tps. 9-11 N., R. 69 W., and T. 10 N., R. 68 W., SM.

17. Interconnecting slough of Kuskokwim River in Secs. 2, 3, and 10, T. 9 N., R. 68 W., SM and in Secs. 34 and 35, T. 10 N., R. 68 W., SM.
18. Kuskokuak Slough.
19. Pikmiktalik River, and its interconnecting slough in Secs. 4, 5, and 8, T. 10 N., R. 73 W., SM.
20. North Fork Johnson River in Sec. 31, T. 10 N., R. 74 W., SM, and in T. 9 N., R. 74 W., SM (mouth in Secs. 16 and 17, T. 9 N., R. 74 W., and head in Sec. 31, T. 10 N., R. 74 W., SM).
21. Double-lined slough in Sec. 30, T. 11 N., R. 74 W., SM and in Secs. 24 and 25, T. 11 N., R. 75 W., SM.

Table 2

Navigable Rivers, Streams, and Sloughs Less Than Three Chains Wide and Lakes Less Than Fifty Acres in Size Excluded from ICs and TAs in Survey Window 1836 (Atmautluak, Nunapitchuk, Kasigluk, Akiachak, Akiak, Tuluksak, Bethel (North) Kwethluk (North))

1. Bogus Creek slough in Secs. 2 and 11, T. 13 N., R. 64 W., SM. (IC 542)(Russian Mission A-5)
2. Bogus Creek in Sec. 11, T. 13 N., R. 64 W., SM. (IC 542)(Russian Mission A-5)
3. Kuskokwim River slough in Secs. 3 and 10, T. 13 N., R. 64 W., SM (single-lined on USGS maps), and branch in Secs. 2, 3, and 11, T. 13 N., R. 64 W., SM. joining Bogus Creek in Sec. 11. (IC 542)(Russian Mission A-5)
4. Slough with mouth in Sec. 19, T. 13 N., R. 64 W., SM, in Secs. 5, 8, 9, 18 and 19, T. 13 N., R. 64 W., SM.(IC 542)(Russian Mission A-5)
5. Yukaniluk Creek in Secs. 27, 28, 32, and 33, T. 13 N., R. 64 W., SM. (IC 542)(Russian Mission A-5)
6. Gweek River in Secs. 18 and 19, T. 13 N., R. 64 W., SM, Sec. 13, T. 13 N., R. 65 W., Secs. 1 and 2, 10, 11, 14, 21, 22, 23, 26-32, T. 11 N., R. 68 W., SM; and in Secs. 25, 35, and 36, in T. 12 N., R. 68 W., SM. (ICs 542, 618, 1027)
7. Lake influent and downstream segment of Fog River in Sec. 2, T. 11 N., R. 65 W., SM. (IC 542)(Russian Mission A-5)
8. Mishevik Slough in Secs. 5 and 6, T. 11 N., R. 65 W., SM; Secs. 31 and 32, T. 12 N., R. 65 W.; Secs. 4, 5, 8 and 18, T. 10 N., R. 66 W.; Tps. 11 and 12 N., R. 66 W., SM. (ICs 542, 610)(Russian Mission A-5, A-6)
9. Little Bogus Creek in Secs. 4, 5, 8, 9, 18, and 19, T. 12 N., R. 65 W., SM. (IC 542)(Russian Mission A-5 and A-6)
10. Lake effluent entering Mishevik Slough in Sec. 32, T. 12 N., R. 65 W., SM. (IC 542)(Russian Mission A-5)
11. Tuluksak River in Secs. 15, 16, 19, 20, 21, 22, 27, and 30, T. 12 N., R. 65 W., SM, and in T. 12 N., R. 66 W., SM. (IC 542)(Russian Mission A-5, A-6)
12. Kasigluk River in Secs. 31 and 33, T. 9 N., R. 66 W., SM. (IC 610)
13. Portion of right-bank tributary of Mishevik Slough (mouth in Sec. 1, T. 11 N., R. 66 W., SM) double-lined on USGS Russian Mission A-6, in Secs. 1 and 2, T. 11 N., R. 66 W., and Sec. 35, T. 12 N., R. 66 W., SM. (IC 542)

14. Slough in Secs. 20 and 21, T. 11 N., R. 66 W., SM. (IC 542)(Russian Mission A-6)
15. Left-bank stream/slough (mouth in Sec. 22) in Secs. 22, 23, 24, 25, and 26, T. 11 N., R. 66 W., SM. (IC 542)(Russian Mission A-6)
16. Stream heading in lake in Sec. 8, T. 12 N., R. 66 W., SM, and emptying into slough in Sec. 15, T. 12 N., R. 66 W., SM. (IC 542)(Russian Mission A-6)
17. Interconnecting slough of the Kuskokwim with head in Sec. 15 and mouth in Sec. 31, T. 12 N., R. 66 W., SM, and its branch in Secs. 15, 21, and 22. (IC 542)(Russian Mission A-6)
18. Interconnecting slough of Kuskokwim River with head in Sec. 28 and mouth in Sec. 32, T. 12 N., R. 66 W., SM. (IC 542)(Russian Mission A-6)
19. Right-bank slough of Kuskokwim River in Sec. 6, T. 9 N., R. 67 W., SM. (IC 610)(Bethel D-6)
20. Tributary of Reindeer Slough in Secs. 8 and 9, T. 9 N., R. 67 W., SM, portion double-lined on USGS Bethel D-6. (IC 610)
21. Kisaralik River to forks in Sec. 13, T. 9 N., R. 67 W., SM. (IC 610)(Bethel D-6)
22. Slough (mouth in Sec. 19) in Secs. 17, 18, and 19, T. 9 N., R. 67 W., SM. (IC 610)(Bethel D-6)
23. Slough in Secs. 8 and 17, T. 9 N., R. 67 W., SM. (IC 610)(Bethel D-6)
24. Kuskokwim River anabranch heading in Sec. 6, T. 10 N., R. 66 W., SM, emptying into Mishevik Slough in Sec. 25, T. 10 N., R. 67 W., SM. (IC 610)(Bethel D-6)
25. Reindeer Slough from its head in Sec. 21, T. 10 N., R. 67 W., SM, to its mouth in Sec. 15, T. 9 N., R. 67 W., SM. (IC 610)(Bethel D-6)
26. Lake and outlet in Sec. 7, T. 9 N., R. 68 W., SM. (IC 1027)(Bethel D-6)
27. Portion of slough double-lined on Bethel D-7 in Secs. 8 and 17, T. 9 N., R. 68 E., SM. (IC 618)
28. Interconnecting slough of Kuskokwim River and Kuskokuak Slough in Secs. 16, 21, and 28, T. 9 N., R. 68 W., SM. (ICs 213, 618) (Bethel D-7)
29. Kongeruk River in Sec. 31, T. 9 N., R. 72 W., SM. (IC 448)
30. Left-bank tributary of Pikmiktalik River in Secs. 29 and 30, T. 11 N., R. 72 W., SM. (IC 448)(Marshall A-1)
31. Left-bank tributary of Pikmiktalik River in Secs. 35 and 36, T. 9 N., R. 73 W., SM. (IC 448)(Baird Inlet D-1)

32. Lake effluent in Secs. 4 and 9, T. 9 N., R. 74 W., SM. (IC 485; Baird Inlet D-2)
33. Tributary of Johnson River (mouth in Sec. 5, T. 9 N., R. 74 W.) in Sec. 5, T. 9 N., R. 74 W., SM; and in Secs. 28, 32, and 33, T. 10 N., R. 74 W., SM. (IC 485)(Baird Inlet D-2)
34. Lake effluent in Sec. 27, T. 9 N., R. 74 W., SM. (IC 485) (Baird Inlet D-2)
35. North fork of Johnson River (mouth in Sec. 16, T. 9 N., R. 74 W., SM) and its tributary in Sec. 6, T. 9 N., R. 74 W., SM and in Secs. 1, 2, and 12, T. 9 N., R. 75 W., SM. (ICs 485, 595, 678)
36. Right-bank tributary (mouth in Sec. 17) of Johnson River in Secs. 7, 8, and 17, T. 10 N., R. 74 W., SM. (IC 485)(Baird Inlet D-2)
37. Left-bank tributary of Johnson River in Sec. 25, T. 11 N., R. 74 W., SM (single-lined on USGS Marshall A-1). (IC 448)
38. Johnson River to and through Sec. 36, T. 11 N., R. 74 W., SM. (ICs 448, 485, 595)
39. Right-bank tributary of Johnson River in Secs. 26 and 35, T. 10 N., R. 75 W., SM. (IC 595)(Baird Inlet D-2)
40. Right-bank tributary of Johnson River in Tps. 9 and 10 N., R. 75 W., SM, heading in Kayigyalik Lake in Sec. 15, T. 10 N., R. 75 W., SM, and emptying into the Johnson at Kasigluk in Sec. 2, T. 9 N., R. 75 W., SM. (IC 595)(Baird Inlet D-2)
41. Stream heading in Nunavakpak Lake in Sec. 28, T. 9 N., R. 76 W., SM, and emptying into Johnson River tributary in Sec. 22, T. 10 N., R. 75 W., including interconnecting slough in Sec. 21, T. 10 N., R. 75 W., outside of Native allotment AA-58195-A. (IC 595)(Baird Inlet D-2, D-3)
42. Interconnecting slough in Sec. 25, T. 10 N., R. 76 W., SM. (IC 595)(Baird Inlet D-2)

Table 3

Navigable Waters on Lands Selected Under ANCSA or the Statehood Act
in Survey Window 1836 Identified Through
Aerial Photo-Interpretation

1. Left-bank tributary of Bogus Creek from its mouth in Sec. 3 to tributary in S $\frac{1}{2}$ Sec. 22, T. 13 N., R. 62 W., SM. (Flight 9, roll 2, frame 12, 1987) (Russian Mission A-4)
2. Bogus Creek in Secs. 1 and 12, T. 13 N., R. 64 W., SM, and T. 13 N., R. 62 and 63 W., SM. (Flight 9, roll 2, frame 12, 1987)
3. Kuskokwim River slough (mouth in Sec. 19, T. 13 N., R. 64 W., SM), to right bank tributary in E $\frac{1}{2}$ of Sec. 12, T. 13 N., R. 65 W., SM. (Flight 9, roll 2, frame 5, 1987)
4. Fog River in Secs. 1, 11, and 14 to tributary in the E $\frac{1}{2}$ W $\frac{1}{2}$ of Sec. 13, T. 11 N., R. 65 W., SM, and Sec. 36, T. 12 N., R. 65 W., SM. (Flight 7, roll 1, frame 36, 1987)
5. Little Bogus Creek in Secs. 3 and 10, T. 12 N., R. 65 W., SM. (CIR 60, roll 7, frame 277, 1980)
6. Right-bank tributary of Tuluksak River in Sec. 25, T. 12 N., R. 65 W., SM. (Flight 7, roll 1, frame 36, 1987) (Russian Mission A-5)
7. Stream emptying into interconnecting slough of Kisaralik River, in Secs. 1, 2, 3, and 11, T. 9 N., R. 66 W., SM. (Flight 3, roll 1, frame 31, 1987) (Bethel D-6)
8. Stream (mouth in Sec. 18) emptying into Mishevik Slough in Secs. 3 and 10, T. 10 N., R. 66 W., SM. (Flight 5, roll 1, frame 30, 1987) (Bethel D-6)
9. Slough in Secs. 3 and 10, T. 10 N., R. 66 W., SM to lower lake effluent in NW $\frac{1}{4}$ Sec. 10 on USGS Bethel D-6. (Flight 5, roll 1, frame 30, 1987) (Bethel D-6)
10. Israthorak Creek to and through Native allotment AA-51769 in Sec. 30, T. 13 N., R. 67 W., SM. (Flight 8A, roll 2, frames 6 and 7, 1987) (Russian Mission A-7)
11. Left-bank tributary of Gweek River in Sec. 12, T. 11 N., R. 68 W., SM. (Flight 7, roll 1, frame 29, 1987) (Russian Mission A-6, A-7)
12. Left-bank tributary of Gweek River in Secs. 13 and 24, T. 11 N., R. 68 W., SM. (Flight 6, roll 1, frame 24, 1987) (Russian Mission A-7)
13. Right-bank tributary of Gweek River in NW $\frac{1}{4}$ Sec. 28, T. 10 N., R. 69 W., SM. (Flight 4, roll 1, frame 24, 1987) (Bethel D-7)

14. Left-bank tributary of Pikmiktalik River in Secs. 22, 27, and 28, T. 11 N., R. 72 W., SM. (Flight 6, roll 1, frame 13, 1987) (Marshall A-1)
15. Right-bank tributary of Pikmiktalik River in Secs. 23 and 24, T. 11 N., R. 73 W., SM. (Flight 6, roll 1, frame 12, 1987) (Marshall A-1)
16. Johnson River in T. 11 N., R. 73 W., SM; Secs. 13, 23, 24, 26, 34 and 35, T. 11 N., R. 74 W., SM; and in Sec. 2, T. 10 N., R. 74 W., SM. (Flight 6, roll 1, frames 10, 11, and 12, 1987)
17. Slough (mouth in Sec. 4), in Secs. 3 and 4, T. 11 N., R. 74 W., SM. (Roll 7, frame 292, 1980) (Marshall A-2)
18. Stream in Sec. 7, T. 11 N., R. 74 W., SM. (Roll 7, frame 294, 1980) (Roll 1, flight 6, frame 8, 1987) (Marshall A-2)
19. Interconnecting slough of Johnson River in Secs. 23 and 26, T. 11 N., R. 74 W., SM. (Roll 1, flight 6, frames 9 and 10) (Marshall A-1)
20. Slough (mouth in Sec. 34) in Secs. 27 and 34, T. 11 N., R. 74 W., SM. (Roll 1, flight 6, frames 9 and 10, 1987)
21. Slough heading in lake in Secs. 1 and 12 (mouth in E $\frac{1}{2}$ Sec. 12), T. 10 N., R. 75 W., SM. (Flight 5, roll 1, frame 9, 1987) (Baird Inlet D-2)
22. Slough connecting Kyigayalik Lake with an unnamed lake in Sec. 12, T. 10 N., R. 75 W., SM, including north channel in W $\frac{1}{2}$ Sec. 12. (Flight 5, roll 1, frame 9, 1987) (Baird Inlet D-2)
23. Slough (mouth in Sec. 22) in E $\frac{1}{2}$ Sec. 15, T. 10 N., R. 75 W., SM. (Roll 1, Flight 5, frame 8, 1987) (Baird Inlet D-2)
24. Stream in Secs. 7 and 8, T. 11 N., R. 75 W., SM. (Roll 7, frame 294, 1980) (Roll 1, flight 6, frame 5, 1987) (Marshall A-2)
25. Stream in Secs. 20 and 21, T. 11 N., R. 75 W., SM. (Flight 6, roll 1, frame 6, 1987) (Marshall A-2)
26. Slough in SE $\frac{1}{4}$, Sec. 21, T. 11 N., R. 75 W., SM. (Roll 1, flight 6, frame 6, 1987) (Marshall A-2)
27. Stream in Secs. 29 and 30 (mouth in Sec. 29), T. 11 N., R. 75 W., SM. (Flight 6, roll 1, frame 6, 1987) (Marshall A-2)
28. Stream from Takslesluk Lake (mouth in Sec. 17), in Secs. 17, 18, and 19, T. 11 N., R. 76 W., SM, only. (Flight 6, roll 1, frame 4, 1987) (Marshall A-3)
29. Stream from Takslesluk Lake in Sec. 1, T. 11 N., R. 78 W., SM to its mouth in Sec. 5, in Secs. 1-5. (Roll 7, frame 299, 1980)(Roll 1, flight 7, frame 4, 1987) (Marshall A-3, A-4)

30. Stream in Secs. 6 and 7, T. 11 N., R. 78 W., and Sec. 31, T. 12 N., R. 78 W., SM. (Roll 7, frame 299, 1980)(Roll 1, flight 7, frame 3, 1987) (Marshall A-4)
31. Taklesluk Lake influent, in Sec. 25, T. 12 N., R. 78 W., SM. (Roll 7, frame 299, 1980)(Roll 1, flight 7, frame 5, 1987) (Marshall A-3)
32. Stream in Secs. 28, 29, 32, and 33, T. 12 N., R. 78 W., SM and in Secs. 5 and 8, T. 11 N., R. 78 W., SM. (Roll 7, frame 299, 1980)(Roll 1, flight 7, frames 3 and 4, 1987) (Marshall A-4)

Table 4

Navigable Waters On or Along Native Allotments and
Field-Examined Historical Sites
in Survey Window 1836

1. Right fork of Fog River along Native allotment AA-56435, and its left-bank tributary in allotment, in Sec. 30, T. 11 N., R. 64 W., SM. (Flight 6, roll 1, frame 33, 1987) (Russian Mission A-5)
2. Interconnecting slough of Kisaralik River in Native allotment AA-55907 in Secs. 8 and 17, in Native allotment AA-55908 in Secs. 16 and 17, and in Native allotment F-033569 in Secs. 9 and 16, T. 9 N., R. 66 W., SM. (Flight 3, roll 1, frame 31, 1987) (Bethel D-6)
3. Stream in Native allotment F-17363-A in Secs. 4 and 9, heading in lake in Sec. 8, T. 12 N., R. 66 W., SM (mouth in Sec. 15). (Roll 7, frame 279, 1980) (Russian Mission A-6)
4. Slough in Sec. 5, T. 9 N., R. 68 W., SM, in F-17800. (Roll 4, frame 25, 1987)
5. Lake and effluent in Sec 7, T. 9 N., R. 68 W., SM in Native allotment F-029194. (Flight 4, roll 1, frame 25, 1987)
6. Slough in Native allotment F-17206-B in Sec. 30, T. 9 N., R. 68 W., SM. (Flight 3, Roll 1, Frame 26, 1987) (Bethel D-7)
7. Right-bank tributary of Gweek River in Native allotment F-17083 in Sec. 1, T. 10 N., R. 69 W., SM and in Sec. 36, T. 11 N., R. 69 W., SM. (Flight 5, Roll 1, Frames 22, 23, and 24, 1987) (Bethel D-6)
8. Tubungaluk Creek, in Native allotment AA-51614, in Secs. 14 and 15, T. 9 N., R. 70 W., SM. (Flight 3, roll 1, frame 22, 1987) (Bethel D-8)
9. Kukthluk River and its right bank tributary in Native allotment F-14378 in Sec. 30, T. 9 N., R. 72 W., SM. (Flight 3, roll 1, frame 15, 1987) (Baird Inlet D-1)
10. Slough (mouth in Sec. 29, T. 10 N., R. 74 W.,) and its northern tributary in Native allotment F-14961-C, in Sec. 29. (Flight 4, roll 1, frame 10, 1987) (Baird Inlet D-2)
11. Slough with mouth in Kyigayalik Lake in Sec. 6, T. 10 N., R. 75 W., SM in Native allotment AA-18257 in Secs. 4 and 5, T. 10 N., R. 76 W., SM. (Flight 5, roll 1, frame 6, 1987) (Baird Inlet D-2, D-3)
12. Stream (northernmost mouth in Sec. 24, T. 12 N., R. 75 W., SM) through Native allotment F-14256-B in Sec. 7, T. 12 N., R. 74 W., SM; and its left-bank tributary with mouth in Sec. 7, T. 12 N., R. 74 W., SM through Native allotment F-18198-A. (Roll 7, frame 293, 1980) (Marshall A-2)

13. Stream (southernmost mouth in Sec. 24, T. 12 N., R. 75 W., SM) to and through Native allotment F-16567 in Sec. 10, T. 12 N., R. 74 W., SM; its left bank tributary (mouth in Sec. 10) to and through Native allotment F-14386-B in Sec. 12, and its left bank tributary in Sec. 18, T. 12 N., R. 74 W., SM to the middle of Native allotment F-14968-A. (Roll 7, frame 293, 1980)(Roll 1, flight 7, frames 12 and 13, 1987) (Marshall A-1,A-2)
14. Stream in Native allotments F-16337-A, F-14515, and F-15734, in Secs. 29, 30, 31, and 32, T. 12 N., R. 75 W., SM (mouths in Sec. 29 and 31). (Roll 7, frame 294, 1980)(Roll 1, flight 7, frame 9, 1987) (Marshall A-2)
15. Lake and its outlet in NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Native allotment F-17534 in Sec. 21, T. 9 N., R. 76 W., SM. (Flight 3, roll 1, frame 5, 1987) (Baird Inlet D-2)
16. Stream (mouths in Secs. 21 and 28, T. 9 N., R. 76 W., SM) in Native allotments F-14561 and F-18258, in Secs. 21 and 28. (Flight 3, roll 1, frame 5, 1987) (Baird Inlet D-3)
17. Interconnecting slough of stream in Sec. 25, T. 10 N., R. 76 W., SM in Native allotment F-15827-A. (Flight 4, roll 1, frame 7, 1987) (Baird Inlet D-2)
18. Stream in Native allotment F-14387-B, in Secs. 25 and 36, T. 12 N., R. 79 W., SM (mouth in Sec. 6, T. 11 N., R. 78 W., SM). (Flight 7, roll 1, frame 2, 1987) (Marshall A-4)

Table 5

Navigable Rivers, Streams and Sloughs Less Than
198 Feet Wide and Lakes Less Than 50 Acres in Size
in Survey Window 1836 (Atmautluak, Nunapitchuk, Kasiguluk, Akiachak, Akiak,
Tuluksak, Bethel (North), and Kwethluk (North))

Seward Meridian

Townships

T. 13 N., R. 62 W.

Bogus Creek and its left-bank tributary from its mouth in Sec. 3, to tributary in S½ Sec. 22.

T. 13 N., R. 63 W.

Bogus Creek.

T. 11 N., R. 64 W.

Tuluksak River. Right fork of Fog River (mouth in Sec. 5) along Native allotment AA-56435 in Sec. 30. Left-bank tributary of right fork of Fog River in Native allotment AA-56435.

T. 13 N., R. 64 W.,

Bogus Creek. Bogus Creek slough in Secs. 2 and 11. Slough (mouth in Sec. 19), in Secs. 5, 7, 8, 9, 18 and 19. Yukaniluk Creek in Secs. 27, 28, 32, and 33. Kuskokwim River slough in Secs. 3 and 10 (single-lined on USGS map), and branch in Secs. 2, 3, and 11. Kuskokwim River slough (mouth in Sec. 19) to right bank tributary in E½ of Sec. 12, T. 13 N., R. 65 W., SM.

T. 9 N., R. 65 W.

None.

T. 10 N., R. 65 W.

None.

T. 11 N., R. 65 W.

Lake influent in Sec. 2. Fog River in Secs. 1, 11, and 14 to tributary in E¼W¼ of Sec. 13. Tuluksak River. Mishevik Slough.

T. 12 N., R. 65 W.

Fog, Gweek, and Tuluksak rivers. Right-bank tributary of Tuluksak River in Sec. 25. Mishevik Slough. Fog River in Sec. 36. Lake effluent entering Mishevik Slough in Sec. 32. Little Bogus Creek.

T. 13 N., R. 65 W.

Gweek River in Secs. 4, 5, 7, and 8. Kuskokwim River slough (mouth in Sec. 19, T. 13 N., R. 65 W.) to right bank tributary in E¼ of Sec. 12.

T. 9 N., R. 66 W.

Kasigluk River. Interconnecting slough of Kisaralik River in Native allotments AA-55907 in Secs. 8 and 17, AA-55908 in Secs. 16 and 17, and in F-033569 in Secs. 9 and 16, and its tributary in Secs. 1, 2, 3, and 11.

T. 10 N., R. 66 W.

Mishevik Slough. Kuskokwim River anabranch heading in Sec. 6, T. 10 N., R. 66 W., SM and emptying into Mishevik Slough in Sec. 25, T. 10 N., R. 67 W., SM. Stream (mouth in Sec. 18), emptying into Mishevik Slough in Secs. 3 and 10. Slough in Secs. 3 and 10, to lower lake effluent in NW $\frac{1}{4}$ Sec. 10.

T. 11 N., R. 66 W.

Mishevik Slough. Portion of right bank tributary of Mishevik Slough (mouth in Sec. 1) double-lined on USGS map in Secs. 1 and 2. Left-bank stream/slough (mouth in Sec. 22) in Secs. 22, 23, 24, 25, 26, and 27. Slough in Secs. 20 and 21.

T. 12 N., R. 66 W.

Tuluksak River. Stream in Native allotment F-17363-A in Secs. 4 and 9. Mishevik Slough. Interconnecting slough of the Kuskokwim with head in Sec. 15 and mouth in Sec. 31, and its branch in Secs. 15, 21, and 22. Interconnecting slough of Kuskokwim River with head in Sec. 28 and mouth in Sec. 32. Portion of right bank tributary of Mishevik Slough (mouth in Sec. 1, T. 11 N., R. 66 W., SM) double-lined on USGS map in Sec. 35. Stream heading in lake in Sec. 8, and emptying into slough in Sec. 15.

T. 13 N., R. 66 W.

Gweek River.

T. 9 N., R. 67 W.

Right-bank slough of Kuskokwim River in Sec. 6. Kisaralik River to forks in Sec. 13. Reindeer Slough. Double-lined portion of tributary of Reindeer Slough in Secs. 8 and 9. Slough in Secs. 8 and 17. Slough in Secs. 17, 18, and 19 (mouth in Sec. 19). Kasigluk River.

T. 10 N., R. 67 W.

Mishevik and Reindeer sloughs. Kuskokwim River anabranch heading in Sec. 6, T. 10 N., R. 66 W., SM, emptying into Mishevik Slough in Sec. 25, T. 10 N., R. 67 W., SM.

T. 11 N., R. 67 W.

None.

T. 12 N., R. 67 W.

Gweek River.

T. 13 N., R. 67 W.

Israthorak Creek to and through Native allotment AA-51769 in Sec. 30.

T. 9 N., R. 68 W.

Portion of Kuskokwim River slough double-lined on USGS map in Secs. 8 and 17. Lake and effluent in Sec. 7. Slough in Secs. 16, 21, and 28. Slough in Native allotment F-17800 in Sec. 5. Slough in Native allotment F-17206-B in Sec. 30. Lake and outlet in Secs. 6 and 7.

T. 10 N., R. 68 W.

Gweek River.

T. 11 N., R. 68 W.

Gweek River. Left-bank tributary of Gweek River in Sec. 12. Left-bank tributary of Gweek River in Secs. 13 and 24 (mouth in Sec. 14).

T. 12 N., R. 68 W.

Gweek River. Israthorak Creek.

T. 13 N., R. 68 W.

Israthorak Creek.

T. 9 N., R. 69 W.

Gweek River.

T. 10 N., R. 69 W.

Gweek River. Right-bank tributary of Gweek River in Native allotment F-17083 in Sec. 1. Right-bank tributary of Gweek River in NW $\frac{1}{4}$ Sec. 28.

T. 11 N., R. 69 W.

Gweek River. Right-bank tributary of Gweek River in Native allotment F-17083 in Sec. 36.

T. 12 N., R. 69 W.

Israthorak Creek.

T. 9 N., R. 70 W.

Gweek River. Tubungaluk Creek in Native allotment AA-51614 in Secs. 14 and 15 (mouth in Sec. 18, T. 9 N., R. 69 W., SM).

Tps. 10 and 11 N., R. 70 W.

None.

Tps. 9, 10 and 11 N., R. 71 W.

None.

T. 9 N., R. 72 W.

Kukthluk River and right-bank tributary in Native allotment F-14378 in Sec. 30. Kongeruk River in Sec. 31.

T. 10 N., R. 72 W.

None.

T. 11 N., R. 72 W.

Left-bank tributary of Pikmiktalik River in Secs. 22, 27, 28, 29, and 30.

T. 9 N., R. 73 W.

Johnson River. Left-bank tributary of Pikmiktalik River in Secs. 35 and 36.

T. 10 N., R. 73 W.

None.

T. 11 N., R. 73 W.

Right-bank tributary of Pikmiktalik River in Sec. 23 and 24. Johnson River.

T. 9 N., R. 74 W.

Johnson River. Lake effluent in Secs. 4 and 9. North Fork Johnson River (mouth in Sec. 16) and its southernmost tributary in Sec. 6. Tributary of Johnson River in Sec. 5. Lake effluent in Sec. 27.

T. 10 N., R. 74 W.

Johnson River. Right-bank tributary (mouth in Sec. 17) of Johnson River in Secs. 7, 8, and 17. North Fork Johnson River in Sec. 31. Tributary of Johnson River in Secs. 28, 32, and 33. Slough (mouth in Sec. 29) and its northern tributary in Native allotment F-14961-C, in Sec. 29.

T. 11 N., R. 74 W.

Johnson River. Stream in Sec. 7. Left-bank tributary of Johnson River in Sec. 25 (single-lined on USGS map). Interconnecting slough of Johnson River in Secs. 23 and 26. Slough (mouth in Sec. 34) in Secs. 27 and 34. Slough in Secs. 3 and 4 (mouth in Sec. 4).

T. 12 N., R. 74 W.

Stream (southernmost mouth in Sec. 24, T. 12 N., R. 75 W., SM) to and through Native allotment F-16567 in Sec. 10; its left-bank tributary (mouth in Sec. 10) to and through Native allotment F-14386-B in Sec. 12, and its left-bank tributary in Sec. 18 to the middle of Native allotment F-14968-A. Stream (northernmost mouth in Sec. 24, T. 12 N., R. 75 W., SM) to and through Native allotment F-14256-B in Sec. 7, and its tributary in Sec. 7 in Native allotment F-18198-A.

T. 9 N., R. 75 W.

Johnson River. Anabranche of Johnson River and North Fork Johnson River in Secs. 1, 2 and 12. Slough in Secs. 2, 3, and 11, mouth in Johnson River at Kasigluk. Right-bank tributary of Johnson River heading in Kayigyalik Lake in Sec. 15, T. 10 N., R. 75 W., SM and emptying into the Johnson River at Kasigluk in Sec. 2, T. 9 N., R. 75 W., SM.

T. 10 N., R. 75 W.

Johnson River. Right-bank tributary of Johnson River in Secs. 26 and 35. Slough connecting Kyigyalik Lake with an unnamed lake in Sec. 12, including north channel in W $\frac{1}{2}$ Sec. 12. Slough heading in lake, in Secs. 1 and 12 (mouth in E $\frac{1}{2}$ Sec. 12). Slough (mouth in Sec. 22) in E $\frac{1}{2}$ Sec. 15. Right-bank tributary of Johnson River heading in Kyigyalik Lake in Sec. 15 and unnamed lake in Sec. 22, T. 10 N., R. 75 W., SM, emptying into the Johnson River at Kasigluk in Sec. 2, T. 9 N., R. 75 W., SM. Stream heading in Nunavakpak Lake in Sec. 28, T. 9 N., R. 76 W., SM, and emptying into Johnson River tributary in Sec. 22, including interconnecting sloughs in Sec. 21, outside of Native allotment F-14873-A.

T. 11 N., R. 75 W.

Stream in Secs. 7 and 8. Stream in Secs. 29 and 30 (mouth in Sec. 29). Stream in Secs. 20 and 21. Slough in SE $\frac{1}{4}$ Sec. 21.

T. 12 N., R. 75 W.

Stream in Native allotments F-16337-A, F-14515, and F-15734, in Secs. 29, 30, 31, and 32.

T. 9 N., R. 76 W.

Stream heading in Nunavakpak Lake in Sec. 28, T. 9 N., R. 76 W., SM, and emptying into Johnson River tributary in Sec. 22, T. 10 N., R. 75 W., SM. Lake and its outlet in NW¼SE¼ of Native allotment F-17534 in Sec. 21. Stream with mouths in Secs. 21 and 28 in Native allotments F-14561 and F-18258.

T. 10 N., R. 76 W.

Stream emptying into Johnson River tributary in Sec. 22, T. 10 N., R. 75 W., SM and heading in Nunavakpak Lake in Sec. 28, T. 9 N., R. 76 W., SM, and its interconnecting slough in Sec. 25. Slough in Native allotment AA-18257 in Secs. 4 and 5 (mouth in Kyigyalik Lake in Sec. 6, T. 10 N., R. 75 W., SM).

T. 11 N., R. 76 W.

Stream from Takslesluk Lake (mouth in Sec. 17), in Secs. 17, 18, and 19.

T. 12 N., R. 76 W.

None.

Tps. 9, 10, and 11 N., R. 77 W.

None.

T. 11 N., R. 78 W.

Stream in Secs. 5 and 8 (mouth in Sec. 8). Stream from Takslesluk Lake in Sec. 1, to its mouth in Sec. 5, in Secs. 1-5. Stream in Secs. 6 and 7 (mouth in Sec. 7).

T. 12 N., R. 78 W.

Takslesluk Lake influent in Sec. 25. Stream in Secs. 28, 29, 32, and 33 (mouth in Puk Palik Lake in Sec. 8, T. 11 N., R. 78 W., SM). Stream in Sec. 31 (mouth in Sec. 6, T. 11 N., R. 78 W., SM).

T. 12 N., R. 79 W.

Stream in Native allotment F-14387-B in Secs. 25 and 36 (mouth in Sec. 6, T. 11 N., R. 78 W., SM).



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

Kasigluk River
Interim Summary Report
Attachment 10

2628 (930)

DEC 13 1995
1995

Mr. Michael B. Rearden
Refuge Manager
Yukon Delta National Wildlife Refuge
P.O. Box 946
Bethel, Alaska 99559

Dear Mr. Rearden:

This is in response to your letter of October 11, 1995 to Jeff Denton at our Anchorage District Office requesting, among other things, the history and status of the Bureau of Land Management's (BLM) navigability findings for certain rivers and streams in the Yukon-Kuskokwim Delta National Wildlife Refuge. Enclosed are brief chronologies of the BLM's navigability findings for the requested eight rivers and streams. Nolan Heath, Deputy State Director for Lands, Minerals, and Resources, responded to your other requests for information in his letter dated November 24, 1995.

As noted in the November 24th letter, the BLM investigates the navigability of water bodies on lands selected under the Alaska Statehood Act, the Alaska Native Claims Settlement Act, and the Native Allotment Act. Its purpose is to ensure that the State, Native corporations, and Native individuals are not charged for the submerged land acreage of navigable water bodies. These entities and individuals are charged for lands underlying non-navigable rivers and streams less than 3 chains wide and lakes less than 50 acres in size.

In the attached chronologies you will notice cases where the BLM re-examined the navigability of a river several times and, in a few instances, reached opposite navigability conclusions. In case of the Kwethluk River, for example, the BLM found the lower reaches non-navigable, and 12 years later decided that the upper reaches were navigable. Is this an arbitrary act? No, it is the result of the courts clarifying the legal standard for navigability determinations. In 1979, the Alaska Native Claims Appeals Board issued a decision on the navigability of the Nation and Kandik Rivers. In 1987 and 1989, respectively, the U. S. District Court and Ninth Circuit Court issued decisions on the Gulkana River's navigability. Each decision further clarified our understanding of what is a navigable water body, and our criteria for administrative navigability determinations were modified accordingly.

By law, once the riparian lands have been conveyed, as with an interim conveyance to a Native corporation, the United States no longer has any right, title, or interest in the submerged lands (Public Law 100-395). Thus, in cases like the Kwethuk River, which does not meet the meander size criteria, the BLM has no authority on its own initiative to revisit the issue of the river's navigability where the riparian lands have been conveyed out of Federal ownership. However, this action could be undertaken if both the surface owner and subsurface owner request it. By authority of Section 316 of the Federal Land Policy and Management Act of 1976 (Public Law 94-579) and Department regulations (43 CFR 1865), the BLM may reconsider a previous administrative determination of navigability or non-navigability. If navigable, the river would be meandered and the submerged lands excluded from the patent. If non-navigable, the river would not be meandered. Again, however, this action requires the agreement of both the surface and subsurface owners. In the Kuskokwim River region, several village corporations, as well as the Calista Corporation, have chosen not to avail themselves of this option.

If you have questions about the attached chronology or if you need additional information about the BLM's navigability program, please call me at (907) 271-5477. If you want information about the navigability or survey status of other water bodies, you should contact Lynette Nakazawa, Chief, Mapping Sciences, Division of Cadastral Survey, at (907) 271-3274.

Sincerely,



C. Michael Brown
Navigable Waters Specialist

Enclosure
Navigability Status Report (5 pp)

cc: Sharon Janis, Chief
Division of Lands
U. S. Fish & Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503
(w/encl)

NAVIGABILITY STATUS REPORT FOR BOGUS CREEK, TULUKSAK RIVER,
LITTLE KASIGLUK RIVER, KISARALIK RIVER, AKULIKUTAK RIVER,
KWETHLUK RIVER, EEK RIVER, AND GWEEK RIVER IN THE KUSKOKWIM
RIVER REGION

Bogus Creek

The Bureau of Land Management (BLM) has consistently held that this creek is navigable. In 1981, it decided that Bogus Creek is navigable from its mouth through the area selected by Tuluksak village. The creek bed was excluded from Interim Conveyance Nos. 542 and 543 in Sec. 11, T. 13 N., R. 64 W., SM. The Kuskokwim River slough into which Bogus Creek empties is also considered navigable.

In 1989, the BLM confirmed that Bogus Creek is navigable through the Tuluksak village selection area; that is, in Secs. 1 and 12, T. 13 N., R. 64 W., and in T. 13 N., Rs. 62 and 63 W., SM. However, in the course of examining Native allotment selections, it found that the creek is navigable as far upstream as the Native allotment, F-16534 Parcel D, located in Sec. 32, T. 14 N., R. 61 W., SM. (On the USGS map, this stream is shown as a tributary of Bogus Creek. In aerial photos, this stream appears to be the main channel of Bogus Creek.) This is the uppermost point of the creek that we have considered for navigability.

The BLM has also identified two tributaries of Bogus Creek as navigable:

1. The right bank tributary in Secs. 2 and 11, T. 13 N., R. 64 W., SM (excluded from IC 542 and 543).
2. The left bank tributary of Bogus Creek from its mouth in Sec. 3 to tributary in S $\frac{1}{2}$ Sec. 22, T. 13 N., R. 62 W., SM.

Tuluksak River

The BLM has issued two navigability findings for this river. In 1981, while considering navigable waters and easements in the Tuluksak village selection area, it decided that the river is navigable from its mouth to a former barge landing site in Sec. 32, T. 12 N., R. 64 W., SM. In 1985, after completing an historical study of water bodies in the Kuskokwim River region, it issued a finding that the Tuluksak River is navigable to another former boat landing site called Upper Landing, reportedly about 4.5 miles above Otter Creek. In all, about 59 miles of the river is considered navigable.

The BLM has also identified five tributaries of the Tuluksak River as navigable:

1. Little Bogus Creek from its mouth to and into SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35, T. 13 N., R. 64 W., SM, including Yukarilik Creek. (These were excluded from IC 542 and 543.)

2. Right bank tributary of Tuluksak River in Sec. 26, T. 12 N., R. 65 W., SM. Only the portion in Section 26 was examined and found navigable.
3. The slough and lake system which extends from the Tuluksak River in Sec. 36, T. 12 N., R. 65 W., to Mishevik Slough in Sec. 32, T. 12 N., R. 65 W., SM.
4. Fog River in Secs. 1, 11, and 14 to tributary in E $\frac{1}{2}$ W $\frac{1}{2}$ of Sec. 13, T. 11 N., R. 65 W., SM and Sec. 36, T. 12 N., R. 65 W., SM.
5. Right fork of Fog River along Native allotment AA-58435 and its left bank tributary in allotment in Sec. 30, T. 11 N., R. 64 W., SM.

Kasigluk River and Little Kasigluk River

The lower reaches of the Kasigluk River flow through lands conveyed to the Akiak village corporation (IC 610). In 1982, the BLM decided that the river in T. 9 N., R. 67 W., T. 9 N., R. 66 W., and T. 8 N., R. 66 W., SM, is non-navigable. A short segment of the river in T. 8 N., R. 67 W., SM, also was not excluded from lands conveyed to the Kwethluk village corporation (IC's 213, 214). The river here was also considered to be non-navigable.

At the time of interim conveyance, it was thought that the lower Kasigluk River may be tidal. According to Lynette Nakazawa, who heads a team of photo-interpreters responsible for creating meanders in the Division of Cadastral Survey, the river is not tidal, but much of the reach in T. 9 N., R. 67 W., SM, is 3 chains or more in width. Thus, based on its width alone, this reach will be meandered and the submerged lands segregated from uplands on the survey plat.

The BLM has not studied the remainder of this river for navigability. The same applies to its tributaries, including Little Kasigluk River.

Kisaralik River

In 1982, the BLM decided that only the first few miles of this river is navigable. Examining the river reach in the area selected by the Akiak village corporation, it found the river navigable to a tributary in Sec. 13, T. 9 N., R. 67 W., SM, and excluded the submerged lands from IC 610. The remainder of the river (about 15 miles) in the selection area was considered to be non-navigable. The river bed from the tributary in Sec. 13, T. 9 N., R. 67 W. through T. 9 N., R. 67 W., T. 9 N., R. 66 W., and T. 8 N., R. 66 W., SM, was not excluded from IC 610.

In 1989, the BLM examined Native allotment selections in the area selected by or conveyed to the Akiak village corporation, and identified additional navigable waters. Specifically, it decided that the slough heading in the Kisaralik River in Sec. 28, T. 9 N., R. 66 W., SM, and returning to the Kisaralik in Sec. 13, T. 9 N., R. 67 W., SM, is navigable. A stream that empties into this slough in Sec. 8, T. 9 N., R. 66 W., SM, was also considered to be navigable to and through Sec. 1, T. 9 N., R. 66 W., SM. At the time of interim conveyance in 1982, the BLM had decided that these water

bodies were non-navigable and did not exclude them from the interim conveyance. Therefore, these waters will not be meandered and the submerged lands segregated from interim-conveyed uplands unless the survey shows they are tidal or meet the size criteria for meander lines. However, where they flow through Native allotments or lands selected by but not yet conveyed to the Native corporations, they will be meandered and the submerged lands segregated from Federal uplands.

In 1990, at the request of the State of Alaska, the BLM reconsidered the navigability of the upper reaches of the Kisaralik, specifically on lands patented to the State of Alaska in Tps. 3 N., R. 69 W., and 3 and 4 N., R. 60 W., SM. Years ago, the BLM had found this reach to be non-navigable and charged the submerged land acreage against the State's entitlement. Upon review of the facts and recent court decisions in the Gulkana River case, the agency decided that the State should not have been charged for the submerged land acreage because the river up to Kisaralik Lake is navigable.

✓ Kwethluk River

In 1979, the BLM issued IC's 213 and 214 to the Kwethluk village corporation and Calista Corporation, respectively. The Kuskokwim River, Kuskokuak Slough, Tupuknuk Slough, and Church Slough were the only water bodies excluded from the conveyances by reason of navigability. The Kwethluk River in T. 8 N., R. 69 W., T. 7 N., R. 69 W., T. 7 N., R. 68 W., and T. 6 N., R. 68 W., SM, was not excluded from the interim conveyances. It was considered to be non-navigable.

The Division of Cadastral Survey reports that the river is not tidal. However, according to Lynette Nakazawa, much of the lower reach in T. 8 N., R. 69 W., SM, is 3 chains or more in width. On the survey plat, this reach will be meandered and the submerged lands segregated from uplands. The remainder of the river in this township and in T. 7 N., R. 69 W., SM, is less than three chains in width, and thus will not be segregated on the survey plats.

In 1991, the BLM reconsidered the navigability of this river above the interim-conveyed area. Our Division of Cadastral Survey was preparing survey instructions for numerous small tracts, like Native allotment parcels, located on and along the river above the interim-conveyed area, and needed to know whether or not to exclude the river from the surveys of Native allotment boundaries. Analyzing new information in light of the Federal courts' decisions in the Gulkana River case, the BLM concluded that the Kwethluk River is navigable from T. 5 N., R. 68 W. to and through T. 3 N., R. 66 W., SM. The river flows through seven townships in this reach.

✓ Akulikutak River

In 1979 the BLM did not exclude this river from IC 213 and 214 in Tps. 7 and 8 N., R. 68 W., and T. 6 and 7 N., R. 67 W., SM. We found the river to be non-navigable. Since, the agency has not considered the navigability of the remainder of the river.

✓ Gweek River

This river flows through the selection areas of Bethel, Akiachak, Akiak, and Tuluksak villages. The Gweek River was excluded from all ICs of lands along this river. (ICs 542, 618, 1027) In 1978 the BLM considered it a tidal waterway through the Bethel conveyance area. In 1981 the agency considered the river to be an interconnected slough of the Kuskokwim River. However, it changed this position after studying high altitude color infrared photographs of the area and new information collected through interviews with local residents and government officials. In 1989 the agency decided that the river is navigable by reason of use from its mouth to and through Section 4, T. 19 N., R. 65 W., SM. Beyond, the river appears to be dry or virtually so for a considerable distance. However, it also found the "head" of the river to be navigable a short distance; that is, from the Kuskokwim River in Sec. 19, T. 19N., R. 64 W., SM, to a point in the middle of Sec. 12, T. 19 N., R. 65 W., SM.

The BLM also identified the following tributaries of Gweek River as navigable:

1. Left-bank tributary in Sec. 12, T. 11 N., R. 68 W., SM.
2. Left-bank tributary in Secs. 19 and 24 (mouth in Sec. 14), T. 11 N., R. 68 W., SM.
3. Right-bank tributary in Native allotment F-17089 in Sec. 1, T. 10 N., R. 69 W., SM.
4. Right-bank tributary in NW¼ Sec. 28, T. 10 N., R. 69 W., SM.
5. Right-bank tributary in Native Allotment F-17083 in Sec. 36, T. 11 N., R. 69 W., SM.

✓ Eek River.

The BLM has consistently held this river to be navigable. In 1983 it examined the navigability of Eek River in the Eek village selection area. On the basis of information provided by local residents, it decided the river is navigable from its mouth to and through T. 1 N., R. 72 W., SM; that is, through the selection area. In 1988 the BLM again examined the Eek village selection area for navigable water bodies that might meet the U. S. District Court's standard of navigability as described in the Gulkana River case. It found three additional navigable water bodies on Federal lands:

1. A lake and its outlet in Sec. 3, T. 1 N., R. 72 W., SM.
2. A slough in Secs. 16-20, T. 2 N., R. 7 W., SM.
3. A slough in Sec. 36, T. 2 N., R. 74 W., to second tributary on right (looking upstream).

Finally, in 1989 the BLM investigated the navigability of the river upstream of the village selection area, focusing on those river segments that crossed Native allotment claims. As a result of this study, it concluded that the Eek River is navigable from its mouth to and through Native allotment F-16812-C in Sec. 28, T. 1 N., R. 67 W., SM. In addition, it found that the Middle Fork Eek River is navigable from Eek River to and through Native allotment AA-31272-B in Sec. 12, T. 3 S., R. 69 W., SM.

**NAVIGABILITY REPORT: KASIGLUK RIVER
Window 2700**

BACKGROUND INFORMATION

The Kasigluk River has its origin in the Kilbuck Mountains and flows northwesterly for approximately 100 miles to the Kuskokwim River. It parallels the Kisaralik River and receives overflow water from it in at mile 29 in Sec. 7., T. 8 N., R. 66 W., SM., and from the Chicoyuiluk River in Sec. 13, T. 8 N., R. 66 W., SM. The Little Kasigluk juncture is located at mile 52 in Sec. 24, T. 7 N., R. 65 W., SM. This report area covers those Native Allotment selections between mile 38 to 45.

The Kasigluk River has been meandered through Tps. 8-9 N., Rgs. 66-67 W., Seward Meridian. It was determined navigable in Secs. 31 & 33 in T. 9 N., R. 66 W., SM. (See navigability report 5/8/89, Bethel Quad File).

Local Name: Kasigluk River

Nearest Settlement: Kwethluk

Watershed: Kilbuck Mountains at 60°23'N, 160°04'W¹

USGS Quadrangle(s) in selected area: Bethel C-5, D-5

Aerial Photo (s) in selected area: CIR 40, Roll 2, Frame 37, August 8, 1987; CIR 60, Roll 10, Frame 382, July 1980; CIR 60, Roll 10, Frame 285, July 1980

Was the water body Photo Interpreted? Yes, May 1997

Was a Field Report/Interview Report created? An interview report was created on October 30, 1997.² A field report was made on October 30, 1997.³

SUBMERGED LAND STATUS

Township	Section Number	Mile	Status and Remarks
T. 8N., R. 66W.	Sec. 13	38	F-17100
T. 8N., R. 65 W.	Sec 18	38	F-17100
T. 8N., R. 65 W.	Sec. 19	39	F-17062B
T. 8N., R. 65 W.	Sec. 19, 20	39.5	F-16917
T. 8N., R. 65 W.	Sec. 33	45	F-16013

PHYSICAL CHARACTERISTICS

Type of Water Body: River

Vegetation: Willow, alder, birch and spruce trees

Water Body Bottom Characteristics: †

Mouth to Mile 27 90% Mud 10% Fine Gravel
 Mile 27 to Mile 50 20% Fine Gravel 80% Medium Gravel
 Mile 50 to Mile 110 Medium Gravel with some coarse Gravel

Gradient: Negligible

Source - Interviews	Bank to Bank Width	Mile
John Owen	20'-35'	50
Mike Coffing	30'-35'	38
ADFG Report	50'	50
NASA Aerials	35'-55'	38-48

Source	Impediments (nature)	Mile
John Owen	Overhanging trees, sweepers, shallow	38-50
Wassillie Evan	Beaver Dams	52
Richard Long	Low lying trees along the river bank	38-50
Moses Nicolai	Beaver Dams	38-45

Source	Depth (ft)	Mile
Wassillie Evan	9'-11' in September for two weeks	38-49
John Owen	2'-4' in September	49
Rav Guy	2 1/2' - 3' June and July	52

USES

Commercial (who, what, why, when, where, how): No commercial use.

Historical: Not available

Direct Evidence (who, what, why, when, where, how):

Wassillie Evan boated the Kasigluk last September 1996. He used a 20' aluminum boat with a 45 horsepower propeller motor. His load included three people, camping gear, two moose and two black bear. They had gone as far as the "Y" to the Little Kasigluk River in Sec. 24., T. 7 N., R. 65 W., SM. He said the river was about 9'-10' deep which he believes lasts about two weeks. He said there were beaver dams at "Pinky Mine" which is near the "Y". During June and July the river is at it's lowest depth, however, he believes one could boat the river with a load carrying at least 1,000 pounds to the junction of the Little Kasigluk River if one knows the main channel.

Ray Guy has boated up to the Little Kasigluk River junction in Sec. 24, T. 7 N., R. 65 W., SM., to hunt during a high water period. The river was about 7' deep. He said high water periods in the fall and spring are dependent on the rain and the snow melt. During the normal summer months of June and July it is about 2 1/2' to 3' deep to the juncture of the Little Kasigluk River.

Steve Schmitt, a Land Surveyor with the Division of Cadastral Survey, set the Points of Beginnings for the Native allotments on July 3, 1997 along this water body. He reported the stream to be well defined, open with no obstructions, and wide and deep enough for travel, trade and commerce. He said the river was definitely navigable up to David L. Jackson and Alexander Nicori's allotments.

John Owen boated the Kasigluk last September for moose hunting. He was gone for one week and went as far as Secs. 11 & 13, T. 7 N., R. 65 W. He was in a 18' aluminum Lund with a 30-Horsepower propeller motor. His load included two people plus all their camping gear. The river was 2'-4' deep. He reports higher water conditions occur near the end of August to the beginning of September and lasts about two to two one-half weeks. The stream is about 1'-2' deep during June, July and August. The width of the river ranges from 20 to 35 feet.

Richard Long boated the Kasigluk River last September 1995. He went to the Little Kasigluk River in Sec. 24, T. 7 N., R. 65 W. He used a 18' Lund with a 40-horsepower propeller motor. He said during June and July the river is about 4'-6' deep and during September it is 3'-8' deep. There are low lying trees along the riverbanks. I asked him if he believed that one can use a boat, canoe or raft on the creek carrying about 1,000 pounds for travel, trade and commerce and he said for travel yes but for trade or commerce he said no. He said when the river is high, one can reach the "Y" in one day, but with low water conditions, this can take up to three days.

The Alaska Department of Fish and Game boated the Kasigluk in June and August of 1975 to study the fish species and to determine sport fishing use in the Kuskokwim River drainage area. They used a 24' aluminum riverboat with an outboard propeller motor. Their load included two or three biologists, sampling gear, fuel and camping gear. The river was divided into three sections: Section I (Mile 0-27), Section II (Mile 27-50), Section III (Mile 50-110). The Native Allotments in this window fall within Section II of this report. The report stated Section II is navigable with propeller driven boats in periods of high water. Section III is shallow with many

riffles and is difficult to navigate by boat.

A field inspection by air was made on September 15, 1997. Beginning in Sec. 13, T. 8N., R. 66 W., SM., the Kasigluk flows southeasterly to the fork of the Little Kasigluk for about 14 miles. The river ranged between 15'-20' wide. There were no obstructions through the Native allotment selections within this window and the river appeared to have an adequate amount of water and a well defined channel for navigation. Beginning in Sec. 10, T. 7N., R. 65 W., the stream became noticeably shallower with some sandbars, logs and sweepers lining the banks.

Indirect Evidence:

There are two other Native allotments located further upstream beyond the "Y" that straddle the Kasigluk and Little Kasigluk Rivers.

Public Opinion (susceptibility to use):

Mike Coffing, a Subsistence Resource Specialist with the Alaska Department of Fish and Game reported that the water body is boatable up to Sec. 18, T. 8N., R. 65 all summer normally. He has boated this river since 1988 camping, fishing and berry picking. Last June or July 1996, he boated as far as Sec. 18, T. 8N., R. 65W with a 18' Hewescraft with a 40-horsepower motor. During this trip the river had riffles and pools ranging between 15"/20" to 5' deep. His load included two other people, 54 gallons of gas and camping gear for a week. Mike said local residents that know the rivers well are able to travel longer distances with 30 and 40 horsepower propeller motors.

CONCLUSION (Gulkana River Standard)

(at least three facts should support conclusion)

Navigable (explain):

I find the Kasigluk River navigable within the following Native Allotments: William Nicholai-F17100; James Guy-F17062B; David K. Nicolai-F16917; and Alexander Nicori-F16013. Based on: the field inspection in September 1997, the interviews conducted verifying the use of the river for hunting, harvesting and food gathering, the local residents use of the river to reach these Native allotment selections, and in periods of high water and those allotment selections located further upstream, the river demonstrates the physical characteristics of a river susceptible for use as a route of travel, trade and commerce.

Report Prepared by:

Laura J. Lupton

Date

November 4, 1997

NOTES

1. Donald J. Orth, Dictionary of Alaska Placenames, U.S. Geological Survey Professional Paper 567, Washington D.C.: GPO 1967, p.499
2. Laura Lagstrom, Interview Report, Memorandum to the File FF-14883-A, Kwethluk Incorporated (75.4), October 30, 1997, 7pp.
3. Laura Lagstrom, Field Report, Memorandum to the File FF-14883, Kwethluk Incorporation (75.4), October 30, 1997, 5pp.
4. Kenneth T. Alt, Inventory and Cataloging Western Alaska Waters, ADF&G, Sports Fish Division, Juneau, AK , Volume 18 July 1, 1976 to June 30, 1977, p 31-32



United States Department of the Interior

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Bethel FY98
F17018¹

**Kasigluk River
Interim Summary Report
Attachment 12**

November 4, 1997

Memorandum

To: FF-14883-A

From: Laura Lagstrom, Navigability Section AK924

Subject: Field Trip for Window 2700

On September 15, 1997, Dot Tideman, Scott Guyer and myself left Anchorage for Bethel to do a field inspection of water bodies for Windows 2700 & 2029. Because there were more than 40 sites to see, the area was divided into two work-day sessions. On the first day we flew over the Kisaralik, *Chicoyulnuk**, Kasigluk, Kushluk, Old Kwethluk, Akulikutak and Lumavik Rivers; a tributary of the Kwethluk, Net Creek, *Vigauthtalik Creek*, Columbia Creek and an unnamed stream north of Eek Lake. On the second day all the water bodies were unnamed except for Keatnum Creek and Kongeruk River.

We left Anchorage via Reeve Aleutian Airlines at 7:30am and arrived in Bethel about 8:45am. After picking up the rental car we went over to Yukon Helicopters Inc. to meet with the pilot, Leo Swank. He had just called the weather station to get a current update and weather forecast and assured us if the weather turned bad, we would turn back. The first day we would be flying about 40 miles east. The previous week I had faxed him a detailed list of the sites we needed to photograph and video. He was aware that Scott had a GPS unit and had input most of the sites. Leo showed us his current OAS card and the secretary showed us the OAS card for the 206 Bell helicopter, Tail # N 150HH. Flight following was established with the office. After Leo gave us a safety briefing, we took off about 10am.

To make the field trip cost effective, we field inspected all the water bodies for Part I & II, Window 2029, Window 2700 and specific waterbody requests from the Special Instruction writer for these windows. This report covers only those water bodies in Window 2700.

Ksaralik River

Here is some background information to help understand the complexity of this field exam. The sketch diagram of the allotment dated 9/25/74, depicted the allotment straddling an anabranh of the Kisaralik River. This diagram was comparable to the river configuration in the 1954 USGS

*Local names

¹File in F17100, F17062, F16917, F16013, F15903

topographic map (aerial photography taken 1955 and 1957). However, when compared with the 1981 NASA aerials (CIR 40: Flight 2, Frames 37 or 38, August 1981), it was evident that within this allotment, the Kisaralik River had jumped its bank and cut a new channel.

We began our examination downstream of the allotment. The river appeared to be about 35'-45' wide, heavily braided and littered with debris. It appeared to be fast moving, shallow and blueish-green in color, similar to glacier fed streams. When we reached the boundary of the 80-acre Native Allotment, we flew easterly along the southern border, then northerly, westerly and then southerly back to the beginning. There was a cabin located near the western border of the allotment. We flew around again to video and photograph the anabranch, but because of the dense vegetation, it was difficult to locate. No water was seen in the anabranch. (Photos 1-2)

Near the southern boundary of the allotment, the Kisaralik River had cut through and created a small stream flowing southerly into a locally known stream known as, "*Chicoyuilruk*." The field inspection revealed the stream to be shallow, about 10' wide at the mouth and diminishing to two-three feet wide. At this point we were directly above the locally known stream as "*Chicoyuilruk*" but told Leo Swank that we needed to fly from its juncture with the Kasigluk River. (Photo 3)

Right bank tributary of the Kasigluk River, locally known as *Chicoyuilruk River*

Because we had to fly downstream to reach its effluent, we noticed the stream to be shallower and less defined than further upstream. There were visible gravel bars and some riffles. Its effluent into the Kasigluk was split into two streams which resulted in neither channel being very deep. It appeared to be about 15'-20' wide and bluish-green in color similar to the Kisaralik River. We turned around and followed the stream up to the Native Allotment selection where the channel was deeper and well defined. There were some sweepers and submerged logs but they did not appear to obstruct travel along the river. Within the Native allotment, there was a right bank stream that appeared to be about 10' wide, dark in color, placid, and lined with many trees and willows. There was a large beaver dam about 15' from the mouth. Further upstream it split into two very shallow streams. We returned to the location of the Native Allotment and continued following the main channel for about ½ mile before the stream became visibly narrower, shallower and filled with debris. We did not reach the area of the next Native allotment that straddled this stream. (Photos 4-6)

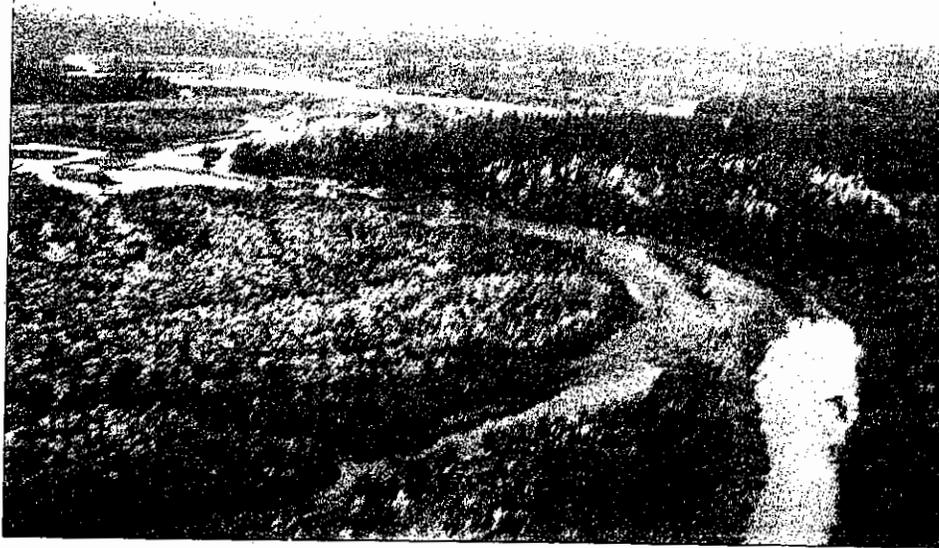
Kasigluk River

After finishing up the field inspection of the right bank tributary, we headed westerly toward its junction with the Kasigluk River. The Kasigluk River had previously been determined tidal up to this point. There are five Native allotments that straddle the Kasigluk River and the first is located about 1/4 mile from the junction. At this point, the river appeared to be rather shallow however, just beyond the allotment the stream appeared deeper and exhibited a well-defined channel, at least 20' wide, open with no obstructions. The stream was dark in color and because of the low gradient, showed very little movement. The banks were heavily vegetated with spruce, willows and brush and a few overhanging trees. We continued to follow the stream to the fork of the Little Kasigluk River. Within this area, the Kasigluk meanders through a valley between bare low lying hills, many of which are 50'-150' high. The gradient is minimal, <20' per mile. There

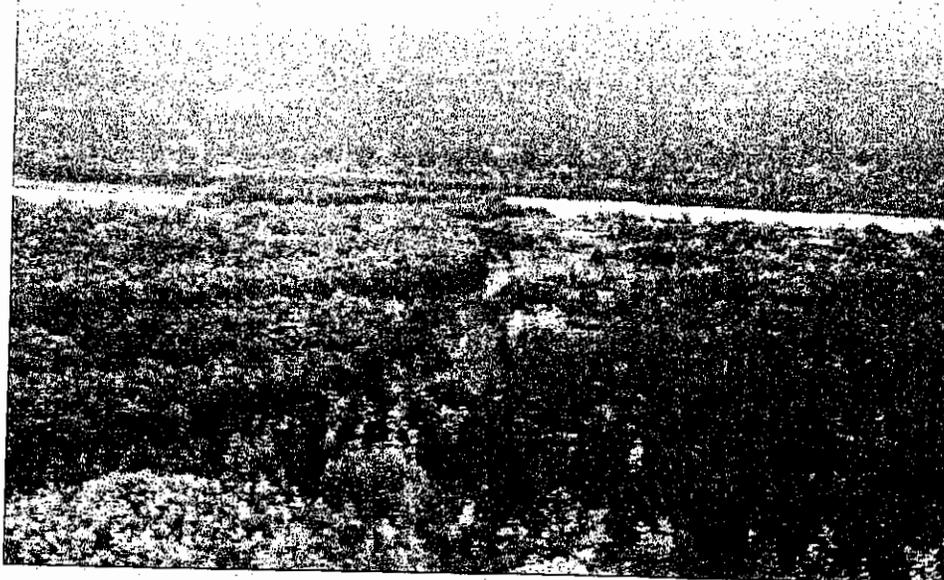
were a few sweepers, but overall, the channel was about 15'-20' wide, with no obstructions. We ended our examination of this river near the fork of the Little Kasigluk River. (Photos 7-11)

We then headed toward the Kushluk River which is part of Window 2029.

Raura J. Lapstrom



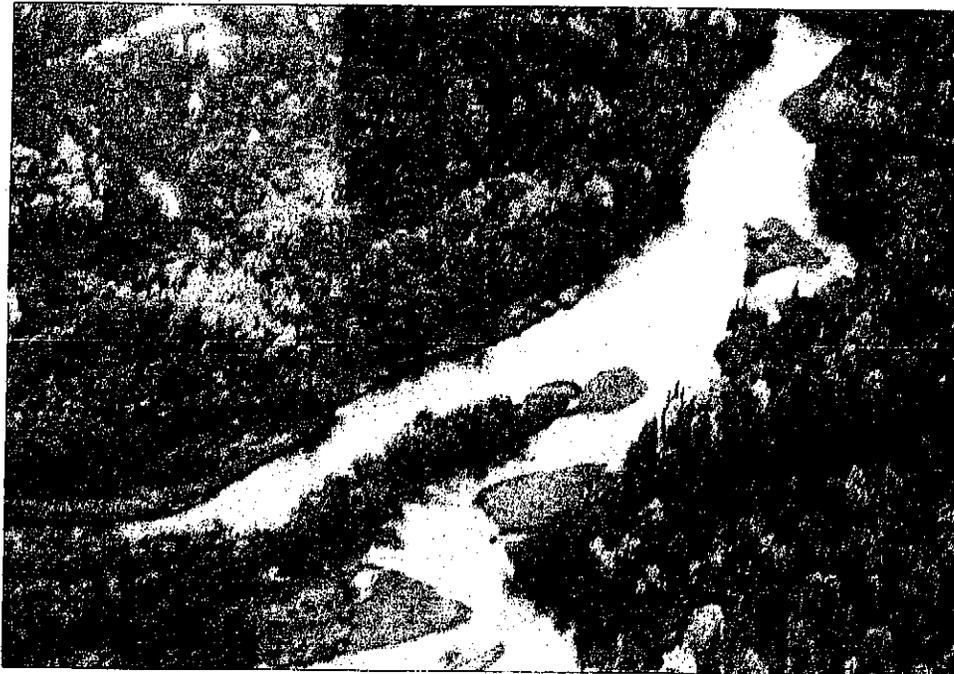
1. Native Allotment F15903, Paul Evan along the Kisaralik River. Photograph was taken facing southeasterly to show the dried up channel of the Kisaralik in Sec. 8., T. 8 N., R. 65 W., SM.



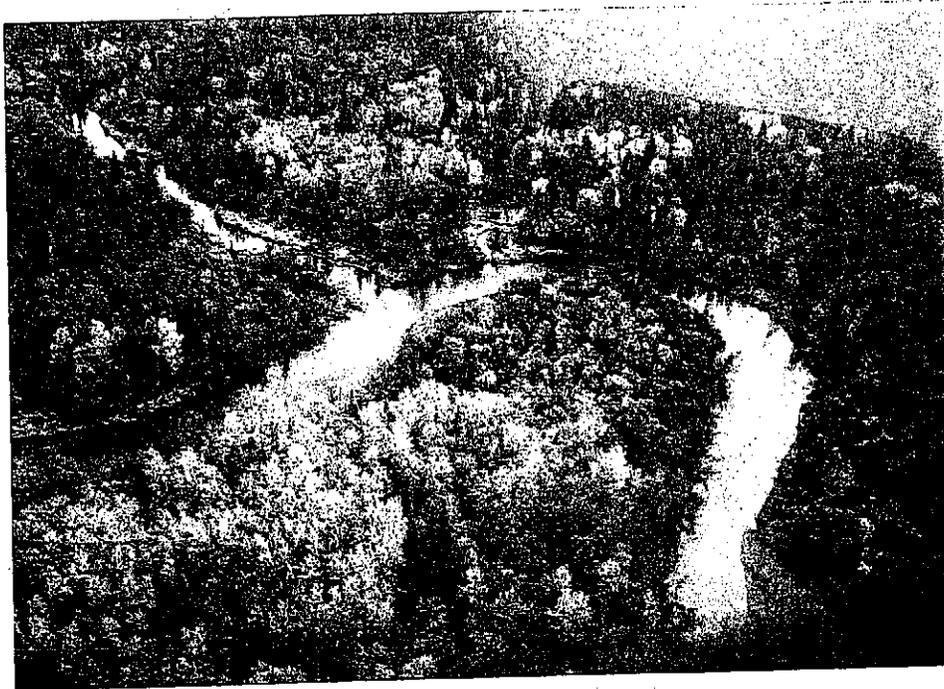
2. Native Allotment F15903, Paul Evan. Photograph facing southeast to show the dried up anabranch of the Kisaralik River.



3. Most recent channel of the Kisaralik and a new stream flowing from the Kisaralik to the Right Bank Tributary of the Kasigluk River, locally known as "Chicoyuilnuk River." Location: Secs. 8 & 17, T. 8N., R. 65 W., SM. Photograph taken facing south.



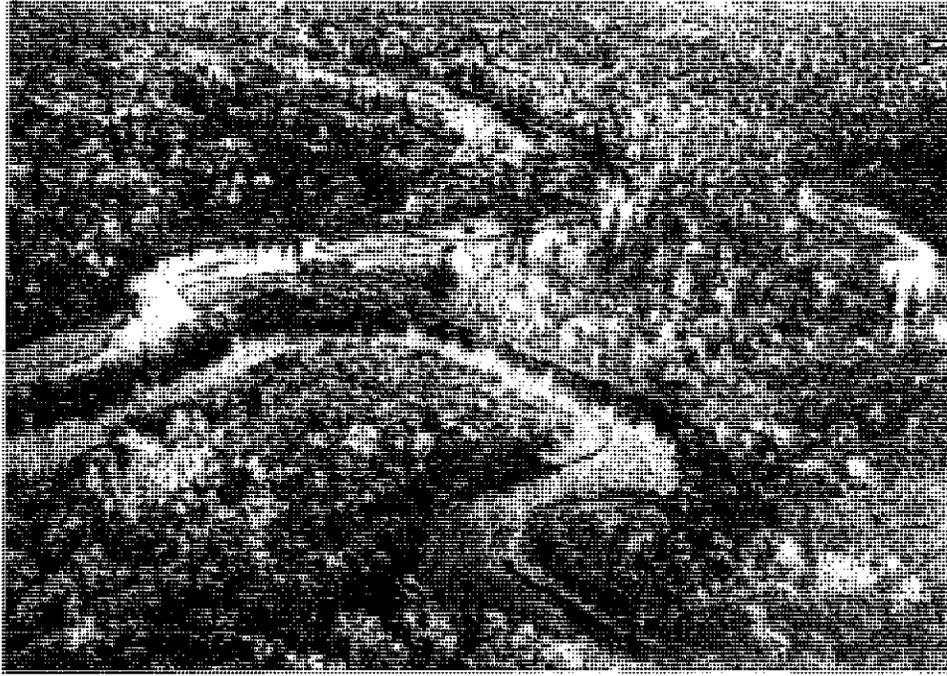
4. Mouth of Right Bank Tributary of the Kasigluk in Sec. 13., T. 8 N., R. 66 W., SM. Photograph taken facing northeast.



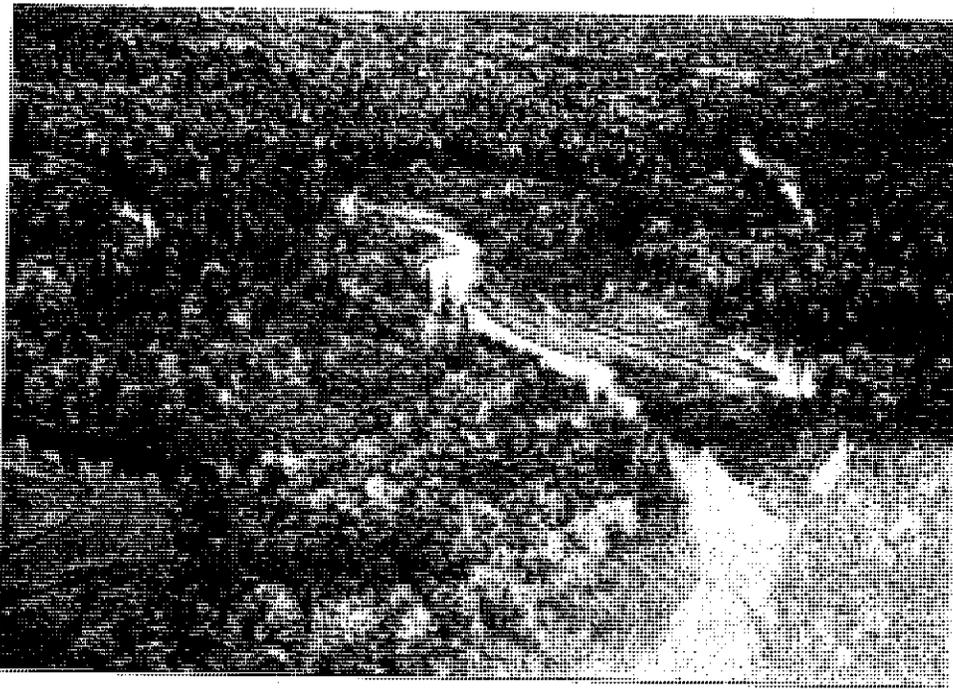
5. Native Allotment F17018, Elizabeth Howard. Looking east on the Right Bank Tributary of the Kasigluk River locally known as "Chicoyuilnuk." Photograph also shows the Right Bank Tributary of the Right Bank Tributary located in Sec. 17., T. 8 N., R. 65 W., SM.



6. Right Bank Tributary of the Right Bank Tributary of the Kasigluk River within Native Allotment F17018, Elizabeth Howard. Photograph taken facing east showing beaver dam.



7. Kasigluk River near Native Allotment F17100, William Nicolai. Photograph showing effluent of the Right Bank Tributary within Sec. 13., T. 8 N., R. 66 W., SM.



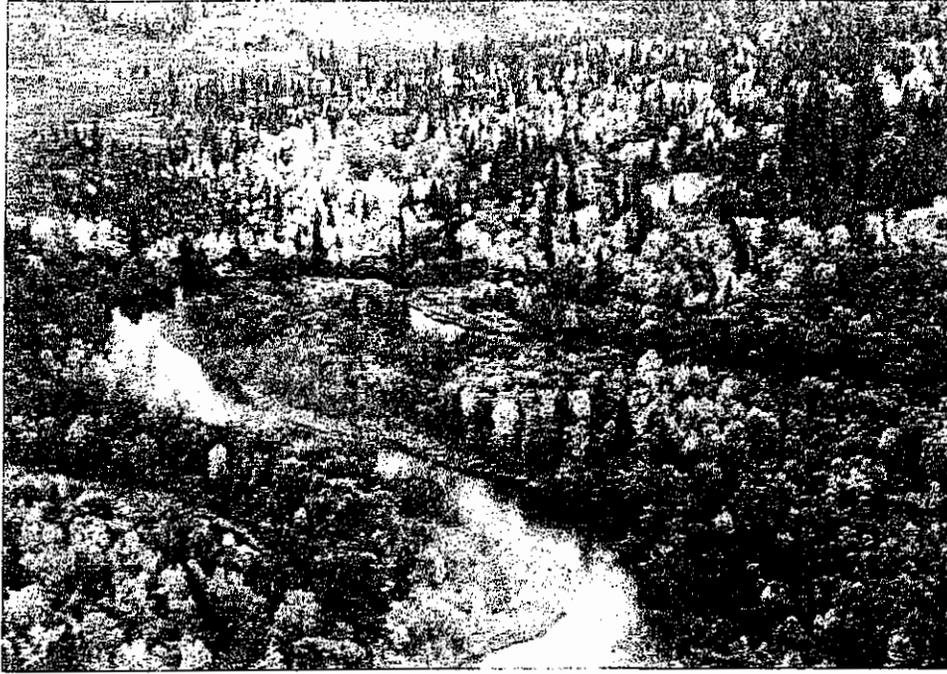
8. Native Allotment F17100, William Nicolai along the Kasigluk River facing East in Sec. 13., T. 8 N., R. 66 W., & Sec. 18, T. 8 N., R. 65 W., SM.



9. Native Allotment 17062, James Guy along the Kasigluk River facing south in Sec. 19, T. 8N., R. 65 W., SM.



10. Native Allotment F 16917, David K. Nicolai, western boundary along the Kasigluk River in Sec. 19, T. 8 N., R. 65 W., SM.



11. Native Allotment F16013, Alexander K. Nicori , facing South on the Kasigluk River in Sec. 33, T. 8 N., R. 65 W., SM.

NAVIGABILITY REPORT:

**Right Bank Tributary of the Kasigluk River (mouth in Sec. 13, T. 8N., R. 66W., SM) and
its right bank tributary (mouth in Sec. 17., T. 8N., R. 65 W., SM)**

Window 2700

BACKGROUND INFORMATION

Local Name: The Kwethluk residents refer to this river as Chicoyuilnuk or Tsikoyulugok which in the Yu'pik dialect means, "The River That Never Freezes." It is about 10 miles in length. It's effluent to the Kasigluk River is located in Sec. 13, T. 8N., R. 66W., SM.

Nearest Settlement: Kwethluk 50+ miles.

Length of Water Body: Flows northwesterly 10 miles to the Kasigluk River.

USGS Quadrangle(s) in selected area: Bethel D-6 - On the USGS map this double lined stream appears to be a continuation of the Kasigluk River beginning in Sec. 13., T. 8N., R. 66 W., SM.

Aerial Photo (s) in selected area: CIR 60, R. 10, Frame 382, July 1980; CIR 40, R.1, Flt. 2, Frame 37, August 1987.

Was the water body Photo Interpreted? Yes, May 1997

Was a Field Report/Interview Report created? An interview report was created October 30, 1997. ¹ A field report was created on October 30, 1997.²

SUBMERGED LAND STATUS

Township	Section Number	Mile	Status and Remarks
T. 8N., R. 65 W.	17	3	F-17018 - YDNWR
T. 8N., R. 65 W.	21, 22	4.5	F-17101 - YDNWR
T. 8N., R. 65 W.	22, 23	6	F-17098 - YDNWR
T. 8N., R. 65 W.	22,23	6	F-17068 - YDNWR
T. 8N., R. 65 W.	25, 26	8	F-17068 - YDNWR
T. 8N., R. 65 W.	25	8.5	F-17062A - YDNWR
T. 8N., R. 64 W.	30	9	F-17064 - YDNWR
T. 8N., R. 65 W.	25	9	F-17064 - YDNWR

PHYSICAL CHARACTERISTICS

Type of Water Body: River

Vegetation: Willow and spruce line the banks.

Water Body Bottom Characteristics: Gravel near the mouth

Gradient: Negligible

Source (Interviews)	Bank to Bank Width	Mile
Richard Long	15'	0-6
Ray Guy	16'-18'	0-4

Source	Impediments (nature)	Mile
Richard Long	Overhanging willows and trees, beaver dams	6
James Guy	Shallow with beaver dams	4-10

Source	Depth (ft)	Mile
Richard Long	2' - 3' during low water; 5'-7' mid-May at snow melt	0-6
Moses Nicolai	3' - 4' during high water conditions	0-6
James Guy	1'-3' during summer; 4'-5' during high water	0-9

Other:

USES

Commercial (who, what, why, when, where, how): No commercial use

Indirect Evidence: None available

Historical Use: None available

Field Inspection: A field inspection by helicopter on September 15, 1997 revealed the main river to be about 15'-20' wide. It was a bluish-green in color similar to the Kisaralik River with sandbars interspersed among a few scattered overhanging trees and sweepers lining the banks. Its effluent into the Kasigluk was split into two streams which resulted in neither channel being very deep, but as we traveled further upstream, it became deeper and well defined. Within the allotment the stream also received a small amount of overflow from the Kisaralik River near the center of Section 17. Also, within the Native allotment, a right bank stream appeared to be about

10' wide, dark in color, placid, and lined with many trees and willows. There was a large beaver dam about 15' from the mouth. Further upstream it split into two very shallow streams. We returned to the location of the Native Allotment and continued following the main channel for about ½ mile before the stream became visibly narrower, shallower and filled with debris.

Direct Evidence: (who, what, why, when, where, how):

Elizabeth Howard's Native Allotment straddles the stream at mile three in Secs. 16-17, T. 8N., R. 65 W., SM. The casefile states Howard reaches her allotment by boat in the spring and summer to fish, hunt, trap and pick berries. The photographs from the August 2, 1989 field exam show an open unobstructed stream lined with willow and spruce. Additionally, within her allotment, there is a stream on the right bank. Her brother Moses Nicolai said no one uses this stream.

Richard Lewis Long, a Tribal Officer with the Organized Village of Kwethluk, has an allotment that straddles the Chicoyuilnuk River near mile seven in Section 22 of this township. He uses a 18' Lund with a 40-horsepower propeller motor to subsistence hunt and fish in the surrounding area. His load normally includes another person, extra gas, food and camping gear for a week; with a dressed out moose or caribou, this is more than 1,000 pounds. Last year around the middle of May after the snow melted, the stream was 5'-7' deep and he was able to get about half way through his allotment before he encountered beaver dams and overhanging trees. In the fall, high water conditions last two to three weeks dependent on the amount of rain. The pictures from the field exam conducted July 23, 1974 show a narrow, shallow, brown placid stream with heavily vegetated banks.

Moses Nicolai has boated this stream many times for subsistence hunting and fishing every year in spring, summer and fall. His most recent trip was in September of 1996 to hunt moose during a high water period. He took a 22' Monson with 50 & 70 horsepower motors; he carried a 12' skiff in his boat to enable him to boat beyond James Guy's Native Allotment in Sec. 25., T. 8 N., R. 65 W., SM. The water was about 3'-4' deep with scattered deep holes. He said high water normally lasts less than a week.

In 1968 James Guy used a 24' boat with a 25 HP motor. His allotment is located in Sec. 25 of this township. He attempts to hunt moose and caribou on his allotment in September every year but, he emphasizes, this is always dependent on the amount of rain. Even then, this deeper water lasts two days to one week.

Mrs. Guy said the last time they went up to his allotment was in August several years ago. She remembers that the river became so shallow they had to pull the boat to reach his allotment.

CONCLUSION (Gulkana River Standard) (at least three facts should support conclusion)

There are two unnamed streams flowing through Elizabeth Nicolai's Native Allotment. I find the unnamed stream that heads southerly and double-lined on the USGS map navigable within

Elizabeth Nicolai's Native Allotment, F-17018 in Sec. 17, T. 8 N., R. 65 W., SM. Based on field inspection, interviews, and the allotment field examination report, the stream appears to be open, wide and unobstructed for navigation by boats, rafts and canoes carrying at least 1,000 pounds. Several individuals that have allotments further upstream and have experience subsistence hunting and fishing in this area believe that one can travel with a load about a mile beyond this allotment before the river becomes increasingly narrow, shallow and constricted.

The unnamed right-bank tributary in Elizabeth Howard's Native Allotment is non-navigable. Field trip aerials show the creek as small, overgrown, with a beaver dam 15' from its mouth.

Report Prepared by:

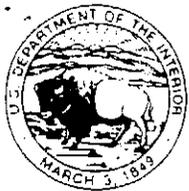
Laura J. Lapstrom

Date:

November 4, 1997

NOTES

1. Laura Lagstrom, Interview Report, Memorandum to the File FF-14883, Kwethluk Incorporated, (75.4), October 30, 1997, 7pp.
2. Laura Lagstrom, Field Report, Memorandum to the File FF-14883, Kwethluk Incorporated, (75.4), October 29, 1997, 5pp.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

NOV 7 1997

Bethel -FY'98
F17100 (2561)¹

**Kasigluk River
Interim Summary Report
Attachment 14**

9600 (924)

Memorandum

To: Chief, Branch of Survey Preparation and Policy Interpretation (AK925)

From: Chief, Branch of Mapping Sciences (AK924)

Subject: Navigability Review for Waters in Window 2700

The purpose of this memorandum is to indicate the navigability status of those water bodies on selected lands within Window 2700. The window, scheduled to be surveyed in FY'98, is composed of 37 Native Allotments, one State Selection and no village Selections in 24 townships. After review, I found six Native Allotment selections that needed navigability recommendations. They are depicted on the attached appendix and maps.

The window lies within the Yukon Delta National Wildlife Refuge created in 1980 by PL96-487. The lands are selected but not yet conveyed under the Alaska Statehood Act, Alaska Native Claims Settlement Act and the Native Allotment Act. Previous BLM administrative navigability determinations for the following rivers in Window 2700 are listed below.

The Tuluksak River was determined navigable from its mouth to the Upper Landing located about 59 miles upstream. (See navigability report 5/22/85 Bethel Quad File) and to mile 68.5 through Sec. 8, T. 10 N., R. 61 W., Seward Meridian. (See navigability report June 4, 1993 Bethel).

The Kisaralik River was determined navigable from its confluence with the Kuskokuak Slough in Sec. 19, T. 9N., R. 67W., SM to the "Y" in Sec. 13, T. 9N., R. 67W., SM. (See Memorandum for Final Easements for the Village of Akiak 6/22/82 F-14824-EE, IC610). Within the window, the Kisaralik varies from two to three chains wide, is braided and has many intermittent streams. Most Native allotments are situated either along the Kisaralik or its intermittent streams except for Native Allotment F15903 situated in Sec. 8, T. 8N., R. 65 W., Seward Meridian. The sketch diagram of the allotment dated 9/25/74, depicts the allotment straddling an anabranch of the Kisaralik River. When compared to the Kisaralik River configuration in the 1954 USGS

File also in Native Allotment Files: F17062, F16917,
F16013, F17018, F15903

topographic map (aerial photography taken 1955 and 1957) and with the 1981 NASA aeriels (CIR 40: Flight 2, Frames 37 or 38, August 1981), it was evident that within this allotment, the Kisaralik River had jumped it's bank and cut a new channel which resulted in drying up the anabranch. This avulsive action was brought to the attention of Frank Hardt, the Riparian Boundary Specialist in Cadastral Survey who brought this to the attention of the State/BLM Working Group Committee. He asked if the State would like the anabranch, now dried up, segregated within this allotment. The State said not to segregate since there are no State lands in the surrounding area. On September 15, 1997 a field inspection by helicopter revealed that the river had cut a new channel which now formed the southern boundary of this Native Allotment. The anabranch was dried up and heavily vegetated with willows and trees. Photographs and a video were taken and copies were given to the Branch of Survey Preparation and Policy Interpretations to aid them in the writing of Special Instructions.

Additionally, within this same township the Kisaralik River cut through it's banks and created a small stream flowing into a Right Bank Tributary of the Kasigluk, locally known as "Chicoyuilnuk", within Secs. 8 & 17. Kwethluk residents say they do not use this stream because it is too shallow, too narrow and lined with willows and trees which obstruct passage. A field inspection by helicopter on September 15, 1997 confirmed the stream to be shallow, about 15' wide, heading southerly then easterly, and diminishing to a small insignificant stream.

The Kasigluk River has been meandered (tidal) through Tps. 8 & 9 N., Rs. 66, 67 W., SM., (IC610).

The Native allottees mainly from Kwethluk and Akiak, rely heavily on these water bodies to reach traditional harvest areas to supplement their lifestyle and economy. During 1986-87 Michael Coffing with the Alaska Department of Fish and Game, conducted a two-year study examining the subsistence wildlife harvest and use for Kwethluk. In this primarily Yup'ik Eskimo community, there were 540 residents living in 112 households. In the study, he indicated household harvests averaged 3,860 pounds edible weight. Per capita harvest was 800 pounds edible weight, among the highest of communities in Alaska.² Salmon and freshwater fish accounted for 85% of the harvested resource with big game, mainly moose, berries and plants, waterfowl, furbearers, small game and marine mammals accounting for the rest.

To reach those areas for harvesting, the most common form of transportation is a 18'-24' aluminum boat with 25-40 horsepower propeller motor. Seasonal weather conditions such as the amount of rain, the amount of snow, a midwinter thaw, an extended dry season or the early breakup of the Kuskokwim River drainage system all effect the use and accessibility of these water bodies

²Michael Coffing, Kwethluk Subsistence: Contemporary Land Use Patterns, Wild Resource Harvest and Use, and the Subsistence Economy of a Lower Kuskokwim River Area Community, Technical Paper No. 157, ADF&G, Division of Subsistence, Juneau, AK December 1991, Abstract

The BLM-Alaska's navigability criteria are based upon federal title navigability law. In a March 16, 1976, memorandum, Hugh Garner, Associate Solicitor, summarized the law for the purpose of administering the Alaska Native Claims Settlement Act. In general, BLM considers nontidal water bodies navigable if, at the time of statehood, they were suitable for travel, trade, and commerce. Additionally, in a December 13, 1989 Ninth Circuit Court decision, the court found that watercraft customary at statehood included boats with a load capacity of about 1,000 pounds. The court further held that the contemporary guided fishing and sightseeing activity on the Gulkana River was commerce and that watercraft customary at statehood "could have at least supported" this commercial activity.

Tidal water bodies, lakes fifty acres or more in size, and rivers averaging 198 feet or more in width are not described because, regardless of their navigability status, these water bodies are segregated on the survey plat. Only streams three chains or less in width and lakes fifty acres or less in size are reported. The attached appendix lists those water bodies that have been determined navigable within the Native Allotment selection.

Gust C. Panos

Attachments (2):

1. Appendix (1 p)
2. Maps (2 pp)

cc:

Jim Culbertson, State of Alaska DNR
 State of Alaska, DNR, Realty Services Section
 Robin Willis, State of Alaska, Dept. F&G
 Calista Corporation
 Chief, Branch of Field Surveys (921)
 Chief, Survey Data Research Section (926)
 Chief, Mapping Section (924)
 Chief, GCDB Project Section (926)
 ANCSA (962)
 Anchorage District Office (040)

*Gust C. ~~Panos~~
 Panos*

Appendix I

Navigable Waters in Window 2700 by Township for Native Allotment Selections Only

Seward Meridian

T. 9 N., R. 61 W.

None on selected lands

T. 5-10 N., R. 62 W.

None on selected lands

T. 5-10 N., R. 63 W.

None on selected lands

T. 5-10 N., R. 64 W.

None on selected lands

T. 5-7 N., R. 65 W.

None on selected lands

▼ T. 8 N., R. 65 W.

Kasigluk River in Native Allotments F17100, F17062, F16917, F16013 - (See Map)

Right Bank Tributary of the Kasigluk River, local name "Chicoyuilnuk" in Native Allotment F17018 - (See Map)

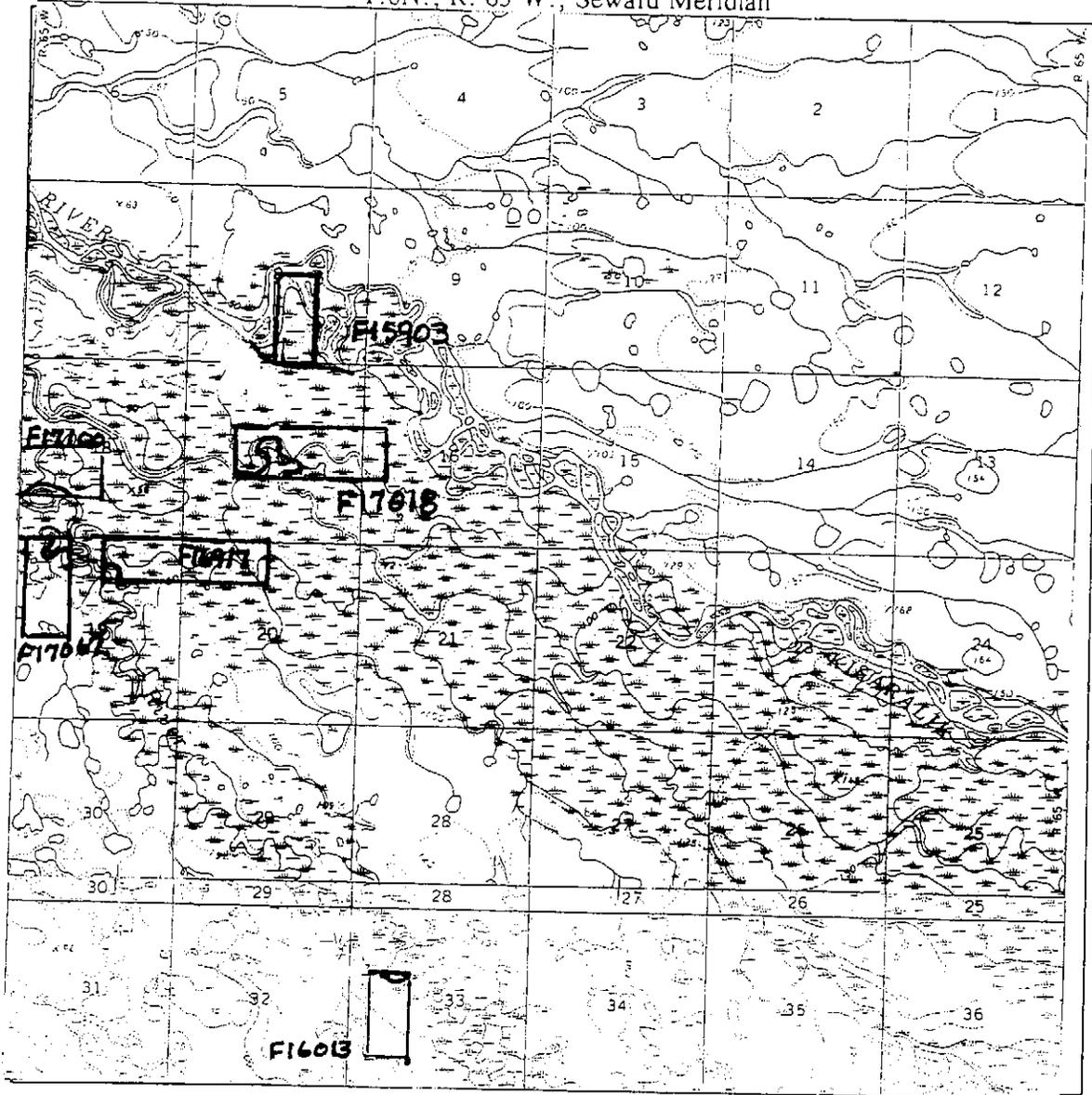
▼ T. 8 N., R. 66 W.

Kasigluk River in Native Allotment F17100 - (See Map)

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NAVIGABILITY MAP - PPP WINDOW 2700

T. 8N., R. 65 W., Seward Meridian



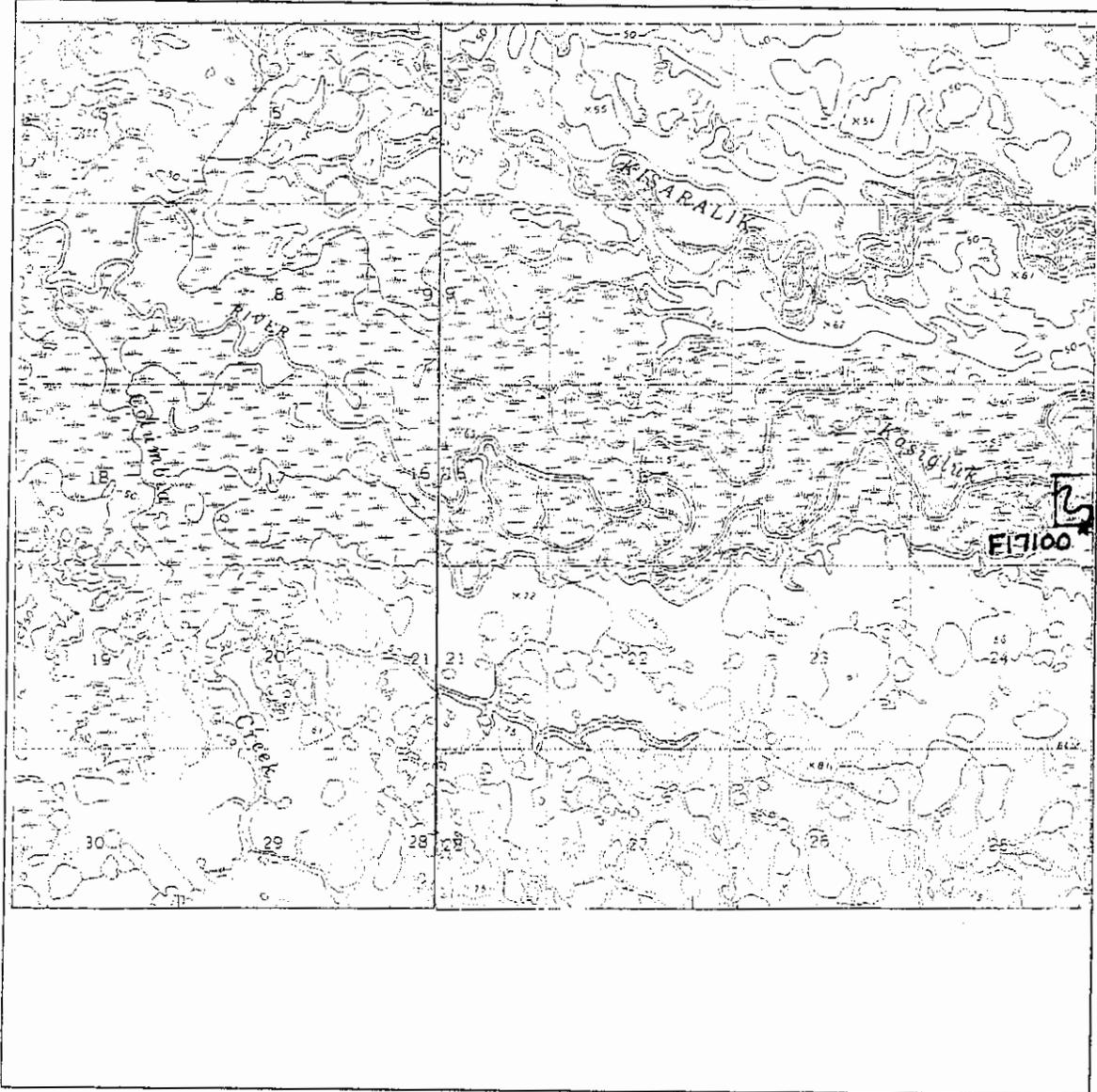
SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	Native Allotments
Bethel C-5, D-5	CIR 40, R.1, Flt. 2, Fr. 37, 8/20/87, CIR 60, R.10, Fr. 382, 7/80	F17100, F17062B, F16917, F16013, F17018, F15903

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NAVIGABILITY MAP - PPP WINDOW 2700

T.8N., R. 66 W., Seward Meridian



SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	IC & Native Allotments
Bethel C 5-6, D 5-6	CIR 40, R.1, Flt. 2, Fr. 37, 8/20/87,	IC 610, NA F-17100



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222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

**Kasigluk River
Interim Summary Report
Attachment 15**

Bethel FY'98
Baird Inlet F'Y98
FF-14824 (75.4)
FF-014838 (75.4)
FF-14901 (75.4)
FF-14902 (75.4)
FF-14916 (75.4)¹
9600 (924)

December 4, 1997

Memorandum

To: FF-14883 (75.4)
From: Laura Lagstrom, Navigability Section (AK924)
Subject: Field Trip for Window 2029 Part I

On September 15, 1997, Dot Tideman, Scott Guyer and myself left Anchorage for Bethel to do a field inspection of water bodies for Windows 2700 & 2029. Because there were more than 40 sites to see, the area was divided into two work-day sessions. On the first day we flew over the Kisaralik, *Chicoyulmuk**, Kasigluk, Kushluk, Old Kwethluk, Akulikutak and Lumavik Rivers, a tributary of the Kwethluk, Net Creek, *Tigauthtalik Creek*, Columbia Creek and an unnamed stream north of Eek Lake. On the second day all the water bodies were unnamed except for the Kongeruk, Kutukhum and Merovuk Rivers

We left Anchorage via Reeve Aleutian Airlines at 7:30am and arrived in Bethel about 8:45am. After picking up the rental car we went over to Yukon Helicopters Inc. to meet with the pilot, Leo Swank. He had just called the weather station to get a current update and weather forecast and assured us if the weather turned bad, we would turn back. The first day we would be flying about 40 miles east. The previous week I had faxed him a detailed list of the sites we needed to photograph and video. He was aware that Scott had a GPS unit and had input most of the sites. Leo showed us his current OAS card and the secretary showed us the OAS card for the 206 Bell helicopter, Tail # N 150HH. Flight following was established with the office. After Leo gave us a safety briefing, we took off about 10am

*Local names

To make the field trip cost effective, we field inspected water bodies for Windows 2029 and 2700 and specific waterbody requests from the Special Instructions Section of Cadastral Survey. We began our field examination by flying directly east to Columbia Creek.

Columbia Creek

We left Bethel and flew easterly along the Kasigluk River until we came to the oxbow that Columbia Creek flowed into. The oxbow was shallow, placid and very narrow, about 8'-10' wide. The mouth of Columbia Creek was blocked by vegetation jutting out from the right bank and a small island of vegetation. A short distance upstream a beaver dam was visible. (Photo 1)

We left Columbia Creek and headed northeast toward Kisaralik River which will not be covered in this report because it is part of Window 2700.

Kushluk River

We began our flight at its confluence with Akulikutak River. The mouth appeared to be between 25'-30' wide, unobstructed and fairly straight compared to other rivers we had inspected earlier in the area. Grass and willows lined the banks. Tundra interspersed with a few lakes lie above the stream. We flew upstream to the Native Allotment located six miles from the mouth. The stream continued to be wide and free of any obstructions and appeared deep enough for use as a route for travel, trade and commerce. Beyond the allotment the channel continued to be wide and unobstructed, however, because there were no selections beyond this point, we turned around and headed back to its mouth. (Photos 2-3)

Akulikutak River

At the confluence with Kushluk River, the Akulikutak River mouth appeared to be about 20'-25' wide. Immediately after the juncture, the stream became sinuous and the banks heavily vegetated with grass, brush and willows. Because the area is very flat and composed of tundra with a myriad of scattered lakes, the stream had very little gradient. We flew up to the first village selection in Sec. 13, T. 7N, R. 68W, SM, which continued to be wide and free of any obstructions. It appeared to be deep enough for navigation. About three air miles beyond this selection the stream became significantly more sinuous and narrower. At this point, Leo told us we needed to head back to Bethel to refuel. (Photos 4-5)

We landed in Bethel and decided to have lunch. During lunch Scott said we needed to remind the pilot to fly more to the right of the waterbody so he could better video the water bodies.

Net Creek

After lunch we headed east along the Kuskokwim towards an anabranch of the Kwethluk River which is about 13 miles in length. The first attempt to fly from it's effluent into Kwethluk proved in vain. There was another stream similar in size and location about a mile west. When we realized we were on the wrong stream, we headed back toward the mouth and a few minutes later, we found the right stream. The effluent appeared to be about 20'-25' wide with well-defined banks lined with willows and brush. It appeared to have sufficient water for navigation. There

were wide and long straight stretches of causeway for several miles before it became more sinuous and narrow. The area above the banks was composed of tundra with hundreds of lakes, some of which fed into this stream. We continued to fly upstream and saw that the waterbody continued to be open and free of any obstructions all the way to its exit into the Kwethluk River. The river was rather muddy in color and appeared to be very placid. The one Native Allotment that straddled the stream was located about 10 miles upstream. There are two Native allotments located on another stream that fed into this stream through a lake, however, the overflight revealed riffles and sediment encompassing its effluent. After leaving this area we headed south to a left bank tributary of the Kwethluk River. (Photos 6-8)

Left bank tributary of the Kwethluk River

At its confluence with the Kwethluk river, the mouth appeared to be about 10'-15' wide, muddy and shallow. We flew for several miles upstream and the stream continued to be muddy and shallow and more grass appeared in the middle of the stream and along the banks. We did not reach the site of the Village Selection beginning in Sec. 28., T. 6N., R. 68 W., SM. We left this area and headed southerly towards the mouth of the Old Kwethluk River. (Photos 9-10)

Left Bank Tributary locally known as "Old Kwethluk River"

The mouth appeared to be about 15'-20' wide, unobstructed and filled with an adequate amount of water. However, about 1/4 mile upstream, it became very shallow as evidenced by the grass visible in the channel. There were three beaver dams between the 1/2 mile to one mile point. We did not reach the area of the first Native Allotment F19254 in Sec. 24, T. 5N., R. 68 W., SM. We left this area and headed over to the south side of Three Step Mountain to view a right bank tributary of the Kwethluk River. (Photos 11-12)

Right bank tributary of the Kwethluk River

Beginning in Sec. 8., T. 5N., R. 67 W., we began our flight at the mouth. The stream looked to be about 10'-15' wide and very shallow. The effluent into the Kwethluk was a darker color on the right bank. We could see the bottom of this brown colored stream. Green grass and some brush lined the banks. There was a beaver dam located about 100 yards upstream. Because the stream appeared to be too shallow, we did not fly upstream to the site of the Native Allotment F16012 in Sec. 17., T. 5N., R. 67 W., SM.

We headed back to the Akulikutak River and continued to fly upstream from where we left off that morning before we returned to Bethel for lunch and fuel. (Photos 13-14)

Akulikutak River

The stream continued to be very sinuous, about 15' wide, muddy brown and lined with brush and willows. We flew near the area of mile 32 (Storett Map) or Sec. 26, T. 6N., R. 67 W., before heading toward Lumavik River.

Lumavik River

We flew west until we were above the large lakes in T. 6 N., R. 70 W. Because the Lumavik had been previously determined navigable through T. 7N., R. 70 W., there was no need to follow it from the mouth. Beginning around section 29 of T. 7N., R. 70 W., the river became increasingly narrower, shallower and grass was visible in the channel. In Sec. 35 there was a beaver dam, and about two miles upstream, the grass almost completely blocked the channel. The surrounding area was very flat with a myriad of lakes, some of which fed into this river but their accesses appeared to be very shallow. We left this area and headed over to an unnamed stream in the NE section of Eek Lake. (Photos 15-16)

Unnamed Stream in the northeast corner of Eek Lake

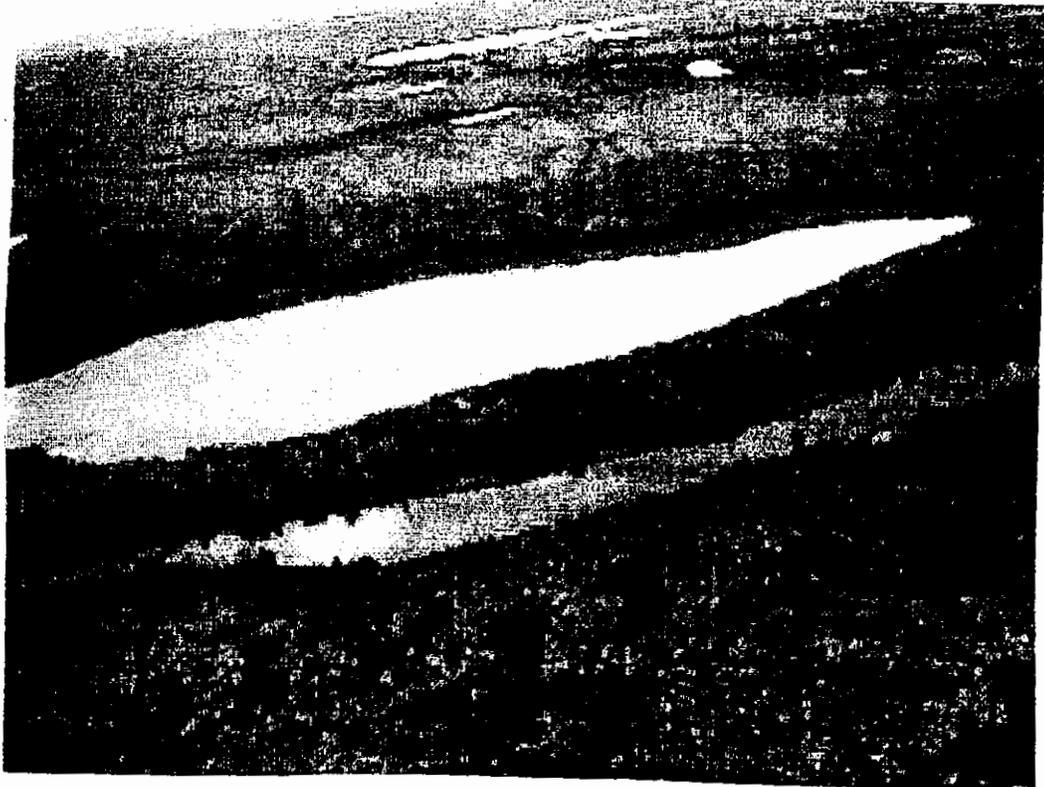
The wind was blowing and foam was visible along the shoreline of the lake. We began our inspection of this unnamed stream at its mouth in the northeast corner of Eek Lake. The water flowing into the lake was visibly darker and initially appeared to be wide and deep for navigation, however, a short distance upstream, it appeared to be very shallow as evidenced by the mud and grass in the channel and the water changing from a dark brown to light brown. The stream also became very narrow. The shorelines were less defined and very muddy. The surrounding lakes were very shallow and congested with mud islands and grass. We followed the stream on the left bank for a few miles but the channel was filled with grass and it appeared very shallow. We headed back to its junction with the main stream and headed north. The stream was clearly very shallow all the way to the larger lake in the north. Mud islands appeared in the stream channel and grass was seen growing in and all along the channel. (Photos 17-20)

Leo notified us we were running out of fuel so we left this area and headed back to Bethel. This concludes the field report for Part I of Window 2029.

Laurie Thompson



1. Native Allotment AA8966, Albert Olick at the effluent of Columbia Creek into the Kasigluk River in Sec. 7., T. 8N., R. 66 W., SM. Photograph taken facing southeast.



2. Native Allotment F16009, Madrona Helmick on the Kushluk River. Isolated lake lies parallel to the river. Located in Sec. 33., T. 8 N., R. 68 W., SM.



3. Effluent of Kushluk River into Akulikutak River in Sec. 32., T. 8 N., R. 68 W., SM.



4. Akulikutak River at the effluent with Kushluk River (left-right) in Sec. 32., T. 8 N., R. 68 W., SM. Photograph facing south.



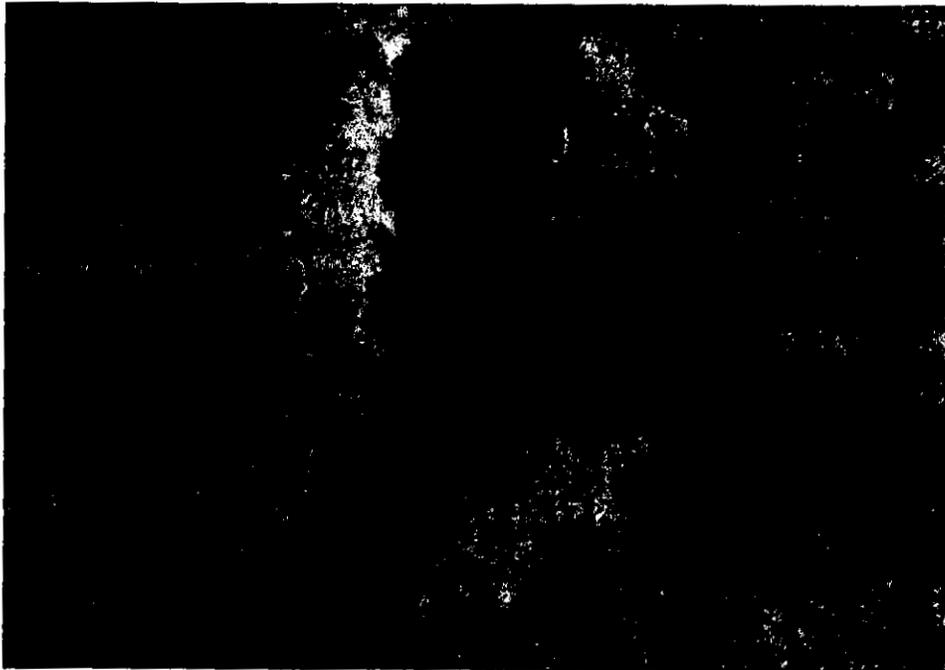
5. Akulikutak River within village selection F14883 in Sec. 13., T. 7 N., R. 68 W., SM. Photograph taken facing northeast.



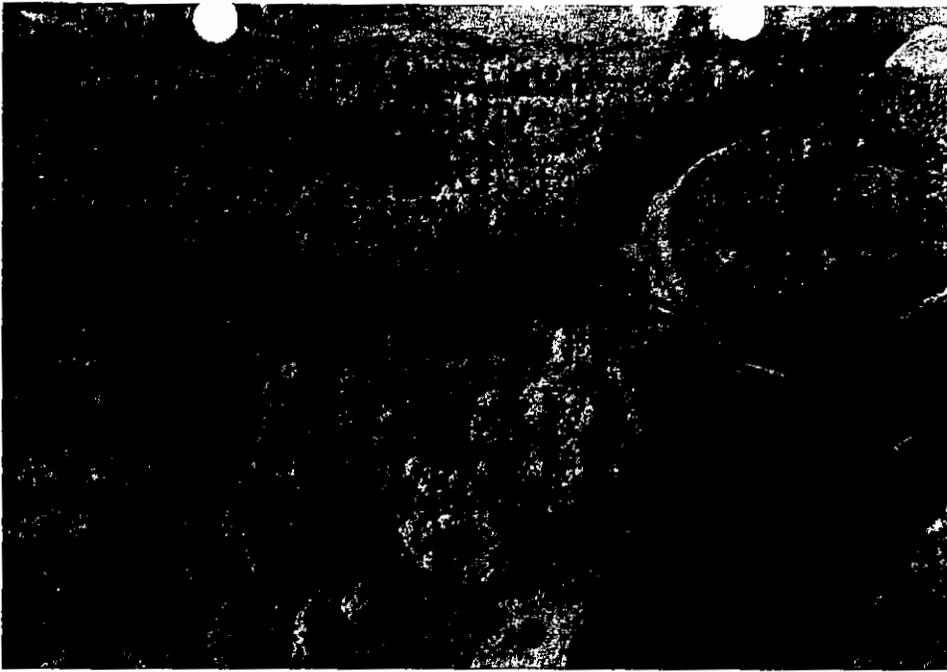
6. Anabranch of the Kwethluk River or locally known as "Net Creek". Photograph shows the lake access in Sec. 12., T. 7 N., R. 69 W., SM.



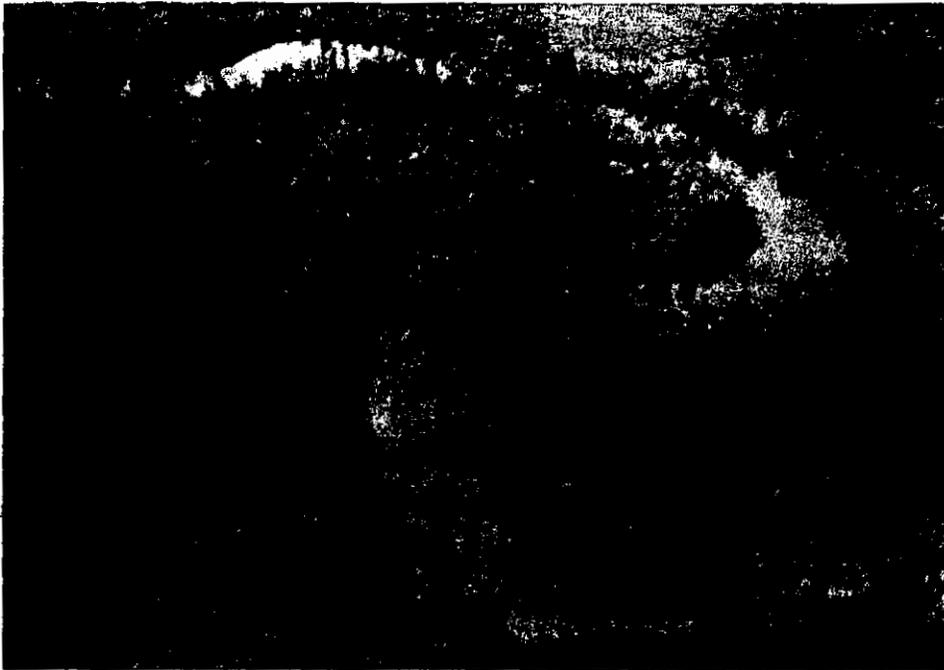
7. Native Allotment F-17052 Annie Alexie on an unnamed anabranch of the Kwethluk River in Sec. 12., T. 7 N., R. 69 W., SM. The overflight from its northern effluent into the Kwethluk River revealed the creek to be deep, unobstructed and sometimes narrow.



8. Additional photographs of the anabranch of Kwethluk River locally known as Net Creek.



9. Left bank tributary of the Kwethluk River in Sec. 15, T. 6N., R. 68 W., SM. Photograph shows the mouth to be very shallow and filled with sediment.



10. Left Bank tributary of the Kwethluk River in Sec. 15., T. 6N., R. 68 W., SM. Photograph facing southwest.



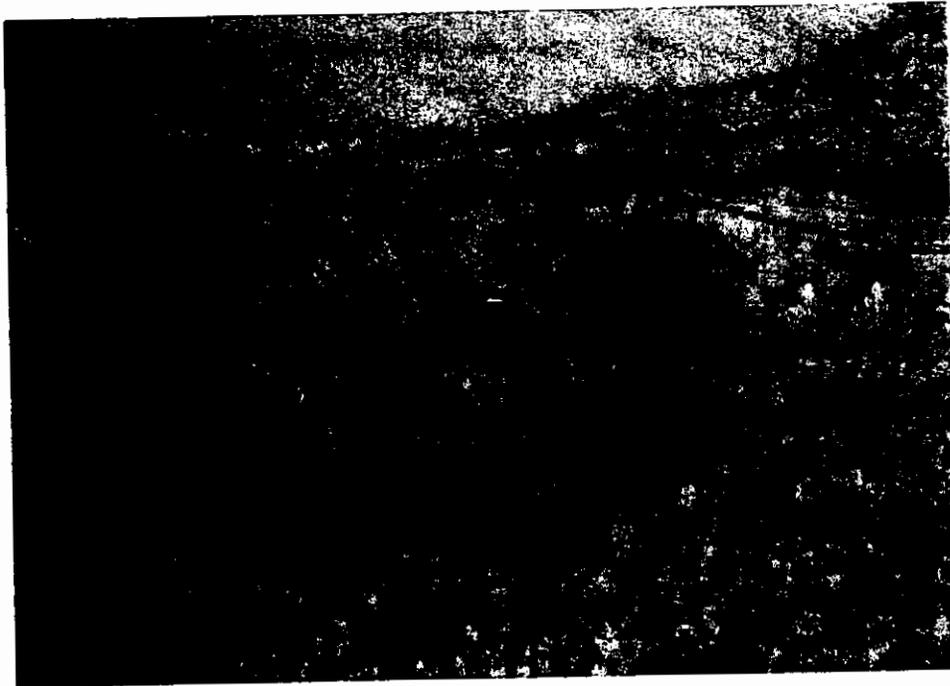
11. Left bank tributary of Kwethluk River locally known as "Old Kwethluk River". The mouth is located in Sec. 36., T. 6N., R. 68 W., SM. The photograph shows the first of three beaver dams located within 1/2 mile of its mouth. Picture taken facing southwest



12. Additional photography showing the second beaver dam and vegetation growing within the stream.



13. Right bank tributary of Kwethluk River located on the south side of Three Step Mountain whose mouth is located in Sec. 8, T. 5N., R. 67 W., SM. The photograph is facing north.



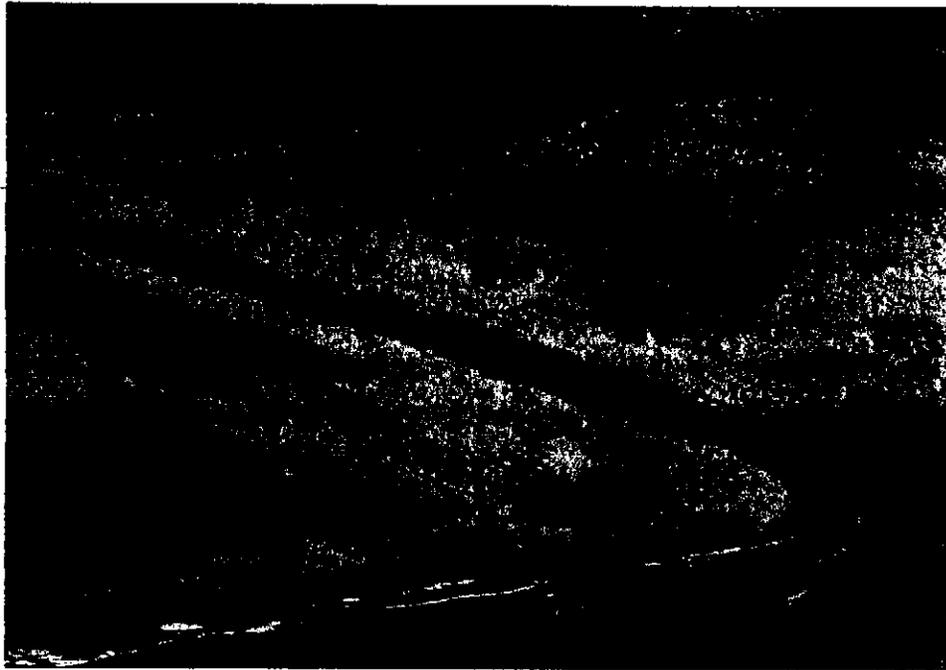
14. Additional photography showing a beaver dam less than 100 yards from its mouth.



15. Unnamed stream locally known as Lomavik River. Photograph taken from a helicopter facing east within Sec. 29, T 7N., R 70 W., SM.



16. Additional photography on the Lomavik River facing west in Sec. 35., T. 7N., R. 70 W., SM.



17. Mouth of unnamed stream in the northeast corner of Eek Lake in Sec. 13 T. 5N., R. 71 W., Seward Meridian.



18. Additional photographs of the same stream in the same section and township.



19. Left bank stream of the unnamed stream in photographs 17 and 18. The stream flows southeasterly through Secs 17 & 18, T. 5N., R. 70W., SM. Photo faces southeast.



20. Additional photographs of the unnamed stream between Eek Lake and the unnamed lake to the north. The photograph was taken facing north in Sec. 12, T. 5N., R. 71 W., SM. Although this section is within IC675, the overflight was made to see if the stream was open and could be used as a route of travel, trade and commerce between the two lakes.



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ALASKA STATE OFFICE
222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

**Kasigluk River
Interim Summary Report
Attachment 16**

Bethel FY'98
Baird Inlet FY'98
FF-14824 (75.4)
FF-014838 (75.4)
FF-14901 (75.4)
FF-14902 (75.4)
FF-14916 (75.4)¹

December 8, 1997

Memorandum:

To: File FF-14883 (75.4) Kwethluk Incorporated

From: Laura Lagstrom, Navigability Section (AK924)

Subject: Interviews for selected lands within Window 2029 Part I

Akulikutak River - mouth in Sec. 32, T. 8N., R. 68 W., SM. There are two village selections on this river. One is located at mile 9 and the other at mile 32. (Based on the Storet Map).

Local people of Kwethluk depend on the Akulikutak to reach hunting, fishing and berry picking areas and to gather wood. Most Kwethluk residents boat the river near the end of August when the river is five to six feet deep. This lasts between two-four weeks. The river is also used during the spring when ice dams on the Kuskokwim cause the river to rise. This usually lasts three to four weeks. Most of those interviewed are able to boat to the north of Three Step Mountain in Sec. 21, T. 6 N., R. 67 W., SM.

January 23, 1997

Ilarion J. Nicolai (757-6019) said he boats the Akulikutak just about every year for subsistence hunting and gathering wood. He uses a 18' Lund with a 40-horsepower propeller motor. Ilarion said the best time to boat the river is between the 20th of August to the beginning of September when the water is about 5'-6' deep. This high water lasts four to five weeks. His load normally includes one or two other people, food, sleeping bags, extra clothes and a drum of gas. He boats to just beyond Three Step Mountain, but once he went above the "Reindeer Corral" which is by Coral Creek in Sec. 26, T. 5 N., R. 66 W., or mile 48. During the summer months of June and July the river is about 1'-2' deep and 15' wide. He said David Michael of Kwethluk is very familiar with the Akulikutak but he lives at fish camp year round and has no phone.

¹File in Native Allotments F16009, F17052, F15666

John Andrew-Yukon Delta National Wildlife Refuge (1-800-621-5804) Bethel. John has a Native allotment within Sec. 4, T. 5N., R. 66W. About five years ago he went moose hunting and boated up to a locally known landmark, "Reindeer Corral" near Coral Creek which is in Sec. 26., T. 5N. R. 66W. The river was exceptionally high (3'-5' deep) after the rain in August. He believed it could stay this high for 2-4 weeks. John used a 18' Lund with a 40-horsepower Yamaha propeller motor. His load included another person, camping gear and 30-45 gallons of gas. He believes during July when the river is about 1'-2' deep, one could reach about half way up the river. He said the Akulikutak is boatable up to Three Step Mountain for 2-4 weeks in the fall and 3-4 weeks after spring breakup.

January 28, 1997

In another interview **John Andrew** said before he owned an aluminum boat, he owned a 20' to 24' plywood boat with a 30 to 40-horsepower propeller motor. He used this to hunt moose, caribou, and black bear in the fall. His load many times included two other people and camping gear for a week. High water conditions begin near the end of August and last several weeks. He feels that one could use a boat carrying 1,000 pounds to mile 37 during spring, summer and fall. If there are sweepers, they use chain saws to remove them every year. During July when the river gets as low as one foot, jet units go beyond Coral Creek. He said there is no guiding or commercial activity on this river.

February 20, 1997

Carl Nose 757-6279 said that people can reach Three Step Mountain near mile 32 during the spring and fall when the river is about knee-high to waist-high deep. People could boat past Three Step Mountain but only when the river is higher which lasts about two weeks. When he goes hunting, Carl uses a 18' Lund with a 40-horsepower Yamaha propeller motor. There are normally three people in the boat, camping gear and extra gas. They stay anywhere from one to three days.

John Owens (757-6216) BIA Realty Specialist was in the BLM State office in December 1996. He said the Akulikutak was boatable during high water periods past Three Step Mountain and during low water periods to just below Three Step mountain. He pointed on the map to the area just below the village selection in T. 6N., R. 67 W., or around mile 32.

October 1, 1996

Nick N. Epchook 757-6498 the Manager of the Native Store sent in a questionnaire that states he last boated this river after spring breakup during May 1996 for hunting/birch fungus. He reached just below Three Step Mountain with a 18' Lund Aluminum boat with a 50 horsepower Honda motor. He said during the "no rain season" in June and July the water drops down to about 2'-3'. He feels one can only use a canoe during this time.

Columbia Creek - mouth in Sec. 7, T. 8 N., R. 66 W., SM. Located 28 miles east of Bethel and flows northwesterly 18 miles into the Kasigluk River. There is one Native Allotment located at its mouth and another two miles further.

September 1996

Yako Fisher Sr.- (907- 757-6314 wk; 757-6223 home) - P.O. Box 27, Kwethluk AK 99621 heir to David Fisher's allotment located about two miles upstream. Yako said he uses Columbia Creek in the spring during March to look for caribou by snow machine.

October 9, 1996

Joseph Guy - (907) 757-6827, President, Kwethluk IRA, said last fall he boated less than a mile on the Columbia to pick cranberries. He used a 16'-18' LUND with a 30-40 Horsepower propeller motor. In August the creek is about two to three feet deep which lasts from three to four weeks. For one month between June and July the creek is about one foot deep. Overall, he believes that one could use a boat, canoe or raft on the creek carrying about 1,000 pounds for travel, trade and commerce for about 3/4 of a mile or less from the mouth. He felt after two miles it would be too shallow and narrow for a 21' boat to turn around.

On December 5, 1996

John Owen, BIA Realty Specialist, came into the Alaska State office. He said that during the summer, one could go through Albert Olick's Native Allotment, but after that one would run into two or three beaver dams and it would be very shallow.

January 17, 1997

Frank Alfred (907) 757-6419 said he went hunting less than two miles upstream last September. He used a 18' Lund boat with a 40-Horsepower propeller motor and carried a load that included three people and camping gear for three days. It was about six feet wide at the mouth and there were beaver dams about a mile upstream but Frank said one could go over them. The creek is about 3' deep during June/July and 2½-3' deep during August/beginning of September. Low water occurs in late September until the beginning of winter or October. During that time he feels no one can use the creek.

January 17, 1997

In an interview by phone, **John Owen** (907)757-6216 said that last fall he went upstream about 3/4 of a mile to hunt for moose and caribou. He used a 18' LUND with a 45 horsepower propeller motor. His load included two people and an extra 12 gallons of gas. He said the water was about five feet deep but that is always dependent on the rain. He said there was a lagoon at the mouth which narrowed to 10' wide. There was a beaver dam about 1/4 mile upstream but he went over the dam. High water occurs in April/May and August/September. Low water occurs June and July.

Kushluk River - mouth in Sec. 25, T. 8 N., R. 69 W., SM. Local residents call this the Ill'ling'uth'tu'lik River or the North Fork of the Kwethluk. It is about 30 miles from Kwethluk and used to reach berry picking, hunting and trap-fishing grounds. The NASA aerials show it to be about two chains wide for a mile from its mouth. There is one Native Allotment located near mile six.

January 28, 1997

John Andrew-Yukon Delta National Wildlife Refuge 1-800-621-5804, said he has frequently traveled up and down the Kushluk or more locally known as either *Ill'ling'uth'tu'lik*, Birch Creek or the North Fork of the Kwethluk River. He went caribou hunting in the fall of 1996 with a 18' Lund with a 45-HP Yamaha propeller motor. His load was more than 1,000 pounds. Other local people also hunt, berry pick and fish in this area. He knew where Madrona Helmick's Native allotment was and said the river is boatable spring, summer and fall from the mouth to her allotment and beyond.

February 3, 1997

John Owen (907)757-6216, a BIA Realty Specialist in Kwethluk, said the river is open from spring to fall for boat travel. He said they are able to carry loads of 1,000 pounds with no problem. I asked him specifically about reaching Madrona Helmick's Native allotment and he said people are boating beyond her allotment for berry picking, hunting and fishing. It is wide, deep and free of obstructions.

February 11, 1997

Phillip Guy (907) 757-6613, a Land Planner for Kwethluk, said that the river is called Ill'ling'uth'tu'lik which means "many birch trees" and the name Kushluk is a misnomer. The river is high in the spring during April and May because of ice dams on the Kuskokwim and high in the fall during August and September after the rainy season. He boated this area last fall around the middle of August to take his wife berry picking and to scout out hunting areas. He used his 18' Lund with a 30-HP propeller motor. He also owns a 15HP and 25HP motor which he mounts on his boat according to how deep the water is in the area he is planning to travel to. He said that the river is wide and deep up to Sec. 3, T. 7N., R 68 W., which is about four miles beyond Madronna's allotment. At this point, the river gets very narrow and shallow to where he had to tilt the motor to keep going. He said, "sometimes it's not much wider than a boat and you have to find a wider spot to turn around." Impediments at this point include shallow water, underwater logs, beaver dams and fallen trees. Low water conditions occur during June and July.

Anabranh of Kwethluk River locally known as "Net Creek" or "Kuviak'ya'chal'vick."

Approximately 13 miles long, its upstream mouth is located in Sec. 17, T. 7N., R. 68W., and its downstream mouth is located in Sec. 15, T. 8N., R. 69 W., SM. Annie Alexie's Allotment. F-17052B straddles the creek near mile 10 in Sec. 12, T. 7N., R. 69 W., SM.

September 17, 1997

Wassillie Evan in an interview at the Organized Village of Kwethluk office said he took three people up the river in August 1997 with his 20' Alumaweld boat with a 45 horsepower propeller motor. The river was 10'-15' deep and about 20' wide. He said this high water condition occurs during the spring and fall. During June and July the river is between 6'-8' deep.

February 20, 1997

Carl Nose (757-6279) said Kwethluk residents call this creek "Kuviak'ya'chal'vick" or Net Creek. Carl said the creek is navigable from spring to fall. He goes hunting every year for ducks, geese, swan, white fish, pike and grayling. He uses an 18' Lund with a 40 horsepower propeller motor. There are no obstructions however, there are some narrow portions 10-12' wide. The last time he boated the creek was in May of 1996. There were three people in the boat plus extra gas, food, camping gear and lots of ammunition. The river is 6' deep or more.

Frank Frank (hm 757-6920) said that the Kuviak'ya'chal'vick is open for boat traffic during the spring, summer and fall. He has used 16' and 18' Lunds with a 40 horsepower motor to fish and hunt along this creek. He mentioned that it is a very narrow creek, 12' wide or more in places, but it is deep enough for boat traffic. (about 4'-5' deep). Sometimes he carries over 1,000 pounds. One can enter the river from either side with no problem.

A photograph in the historical site AA-010219 in Sec. 11, T. 7N, R. 69 W. SM. for 2.5 acres shows Okfirpaunlik emptying into a well defined and unobstructed "Net Creek." The name *Okfirpaunlik* means "place of willow trees" and references the area rather than a specific place. The investigation of this historical site revealed that this area was occupied in the late 1800s if not earlier.

Left bank tributary of an anabranch of Kwethluk River locally known as "Vigauthtalik"- Mouth in Sec. 12, T. 7 N., R. 69 W., SM. This stream flows through two lakes before exiting into an anabranch of Kwethluk River. There are two Native allotments that straddle it within one mile of it's mouth. The overflight in September 1997 revealed a very shallow effluent evidenced by the riffles across its mouth and grass growing adjacent to it.

March 19, 1997

John Owen, BIA Realty Specialist (907) 757-6216 said local residents know this area as *Okfirpaunlik* and the stream is called "Vigauthtalik." One can reach this stream via Net River or "Kuviak'ya'chal'vick" which is an anabranch of the Kwethluk River. John boated to the lake in Sec. 25, T. 7N., R. 69 W. of this township last spring with a 18' Lund with a 50 horse power motor. His load was about 500 pounds. Within Annie Alexie's allotment is Section 12 of this township. he says this stream is about 30'-40' wide during the spring (May & June) and about 10'-15' deep. Because he only boats this area during the spring, he guesses during the summer months of July to the beginning of August it is probably about 2'-5' deep. And again in the fall it

is probably 5'-10' deep. He thinks people could use the stream during the summer to get to their allotments including the furthest upstream, Henry Frank in Sec. 19 T. 7N. R. 68W. SM.

Martin Andrew at (907) 757-6216 has boated to Sec. 25, T. 7N., R. 69 W. of this township with a 14' aluminum boat with a 25HP propeller motor during the spring (May). His load included 150 pounds of camping gear for less than a week. He believed people who have allotments along this stream could get to them during high water which occurs in the spring and fall and also during high water conditions in the summer. High water lasts 2-2 1/2 weeks

September 17, 1997

Wassillie Evan came into the Kwethluk office while I was working with John Owen and said he boated this stream last month around the middle of August. He used a 20' aluminum welded tunnel boat with a 45 horsepower propeller motor. There were three people in the boat with no load. He said high water conditions are normally between April/May and August/September and last between one and two weeks. During this time it can get about 10'-15' deep. During June and July it is about 1'-2' deep. He didn't feel anyone could use it during low water. I asked him if he believed one can use a boat, canoe, raft on the creek carrying 1,000 pounds for travel trade and commerce and he said only during high water conditions. He commented that there is some grass in the water. One could use a canoe but with no load.

On October 7, 1997

Frank Nicori's (907-757-6088) questionnaire stated he was berry picking in this area last August with three other people in his 16' aluminum boat with a 40-horsepower propeller motor. He estimates the following water levels: April-frozen; May-10'; June 6'-7'; July 4'-5'; August 7'-8'; September 10' or less. There are no known impediments. He does not believe one can use a boat, canoe or raft on the stream carrying 1,000 pounds for travel, trade and commerce during the summer, but only during fall or spring high water conditions which last about a month.

Left Bank Tributary or "Old Kwethluk River"- mouth in Sec. 36, T. 6N., R. 68W., SM. It is about 10 miles to the Native Allotments of John Andrew (F19254A), Elizabeth Nicolai (F18289C), Anna Nicolai (F15926) and the Regional Selection 14(h)1 AA10429. The aerals (CIR 60, Roll 10, Frame 290, July 1980 & CIR 60, roll 03112, Frame 414, August 1982) show the river to be open to Section 24, T. 5N., R. 68W., SM.

John Andrew who works for YDNWR (1-800-621-5804), has an allotment in Sec. 24, T.5N., R. 68 W., SM. John said he does not use the Old Kwethluk River to reach his allotment to moose hunt in August because the river is too shallow (1'-2') and has too many sweepers and beaver dams. He boats the Kwethluk River and walks a mile to his parcel. He describes the vegetation as spongy tundra which makes packing out 1,000-1200 pounds of moose very difficult.

There is a 14(h)1 AA-10429, claim located between F19254A and F18289C. Oral accounts and cultural remains indicate this was a small year round settlement which began at an unknown date and ended in the early 1940s. The report stated the area is now used seasonally by subsistence hunters, especially by former site residents and their descendants.

Albert Nicolai (message through John Owen (907)757-6216) said the river is too shallow and filled with beaver dams to boat in the spring and summer. His mother, Anna Nicolai, has an allotment on this river. After the August rain, the river can get two feet deep, however, this only last about two-three weeks. He uses a 16' Lund boat with 25 horsepower propeller motor. He has seen others boat the river but they were using light boats with jet motors. When asked if he believed one can use a boat, canoe or raft on the creek carrying 1,000 pounds for travel trade and commerce, his response was, "One could use a small boat with about 300 pounds."

January 28, 1997

Anna Jacobson (907) 479-3482 said her nephew, Nick Epchuck Jr., took her and her husband up the Old Kwethluk last year during the end of June/beginning of July to pick berries. She remembers they had to wait until the water was high enough. They used a 16' Lund aluminum boat with a 25-horsepower motor and their load included camping gear. She said because Nick was familiar with the channel, they were able to reach John Andrew's Native allotment, however, the river was very shallow, about 1-2' deep. She estimated the river to be about 20' wide. She remembered seeing a fish counting station there but when I interviewed others familiar with this river, they did not remember seeing a fish counting station.

Right bank Tributary of Kwethluk River - mouth in Sec. 8, T. 5N., R. 67 W., SM. There is one Native Allotment that straddles it about a mile upstream.

October 30, 1996

Nick Epchuck, manager of the Native store and the son-in law 757-6220 said he went up to Balassia's allotment last summer to pick salmon berries. He said the creek could be used during early spring, June and between the end of August to the end of September. He feels it is usable for 3-4 weeks in the spring and the fall. High water is about 3-4 feet. Low water is 1/2' - 1' deep. One could go part way in the summer.

October 31, 1996

Ruth Nelson said when her parents lived up there all the time, they used to drift down the Kwethluk in a skin boat. She said her parents used to walk from the Kwethluk River to get to their parcel. Ruth said if the creek was usable, they would have used that. When I called her again on November 29, 1996, Ruth affirmed her earlier statement that the allotment was accessible by camping along the Kwethluk and walking to her mother's native allotment.

Laura Lagstrom

NAVIGABILITY REPORT: COLUMBIA CREEK in
Native Allotment AA-8966B
Mouth in Sec. 7, T. 8N., R. 66 W., SM
Window 2029, Group Survey 284

BACKGROUND INFORMATION

Local Name: Columbia Creek

Nearest Settlement: Kwethluk

Length of Water Body: Flows northwest 18 miles to the Kasigluk River.¹

Watershed: Unknown

USGS Quadrangle(s) in selected area: Bethel C-5, C-6, D-6

Aerial Photo (s) in selected area: Bethel CIR 1:40, Roll 1, Frame 35, 8/20/87

Was the water body Photo Interpreted? Yes, July 1996

Was a Field Report/Interview Report created? An interview report was created on December 8, 1997.² A field trip report was written on December 4, 1997.³

SUBMERGED LAND STATUS

Township	Section Number	Mile	Status and Remarks
8N, R. 66 W., SM	7	0-1	Native Allotment AA-8966 B
8N, R. 66 W., SM	18, 19, 20	2	Native Allotment F-17209A
8N, R. 66 W., SM	7 & 18	1-3	IC 610 Non-Nav 12/29/83 YDNWR

PHYSICAL CHARACTERISTICS

Type of Water Body: Creek

Vegetation: Banks are wooded with spruce and willow and grass

Water Body Bottom Characteristics: Not available

Velocity of Water Body: Not available

Discharge Volume (max, min, mean): Not available.

Gradient: Negligible

Channel Width (mile to mile: max, min, mean): Unknown

Source	Bank to Bank Width	Mile
Joseph Guy	approx 10'	2
Frank Alfred	6'	0

Source	Impediments (nature)	Mile
Laura Lagstrom (field exam 9/15/97)	mouth 2/3 blocked by vegetation	0
Frank Alfred	Beaver Dams upstream but one could pass over them.	1
John Owen	Beaver Dams 1/4 mile from the mouth	1/4

Pool/Riffle: Unknown

Source	Depth (ft)	Mile
Frank Alfred	3' June/July 2½-3' Aug/beg. Sept	0-2
Joseph Guy	1' June/Jul (1 mo), 2'-3' after spring breakup and fall rain (3-4 wk)	0-2
John Owen	5' or less depending on rain (1-2 wks)	0-3/4

Other:

USES

Commercial (who, what, why, when, where, how): No commercial use.

Historical: Unknown

Direct Evidence (who, what, why, when, where, how):

A field examination by air on September 15, 1997 revealed the stream to be very shallow and its mouth 2/3 blocked by brush and grass. Upstream, overgrown willows and brush lined the banks and a beaver dam was visible

In the fall of 1996, Frank Alfred, the allottee's grandson, hunted in this area with a 18' Lund boat

mounted with a 40-horsepower propeller motor. His load included three people and their camping gear.

John Owen, a BIA Realty Specialist boated about 3/4 mile upstream last fall to hunt for moose and caribou with two other people. He used an 18' Lund with a 45-horsepower propeller motor.

Joseph Guy said between June and July the creek is about one foot deep, however, the stream can get as high as 2-3 feet after the spring breakup and fall rain. These high water conditions can last between 3-4 weeks. Last fall, Joseph boated about 3/4 miles upstream to pick cranberries with a 16'-18' Lund with a 30-40 Horsepower propeller motor. He felt after two miles it would be too shallow and narrow for a 21' boat to turn around. He has seen Phillip Guy, James Guy and Moses Nicolai boat this water body.

Indirect Evidence:

A Native allotment for David Fisher F-17209A straddles the stream about two miles from the mouth. Yako Fisher Sr., an heir to the allotment, said he does not use the Columbia Creek to access this parcel. He only uses it in the spring when he goes caribou hunting by snow machine.

Public Opinion (susceptibility to use):

Rhonda Reynolds, BLM photointerpreter reviewed the aeriels, Bethel CIR 1:40, Roll 1, Frame 35, 8/20/87 and stated that Columbia Creek is open, unobstructed and has water through the Native allotment located at the mouth.

CONCLUSION (Gulkana River Standard)
(at least three facts should support conclusion)

Navigable (explain):

I find the Columbia Creek non-navigable within Albert Olick's Native Allotment AA-8966B in Sec. 7, T. 8N, R 66 W., SM. The allottee's grandson, Frank Alfred, and several Kwethluk residents are able to boat Columbia Creek for a limited time only, two weeks at the most. The field examination by air on September 15, 1997 revealed the mouth to be blocked by a large mass of brush and grass. Upstream the banks were lined with overgrown willows and brush and a beaver dam was visible.

Report Prepared By:

Lana J. Ragstrom

Date:

1/8/98

NOTES

1. Donald J. Orth, Dictionary of Alaska Placenames, U.S. Geological Survey Professional Paper 567, Washington D.C.: GPO 1967, p. 231
2. Laura Lagstrom, Interview Report, Memorandum to the File FF-14883-A, Kwethluk Incorporated (75.4), December 8, 1997, 7pp.
3. Laura Lagstrom, Field Report, Memorandum to the File FF-14883-A, Kwethluk Incorporated (75.4), December 4, 1997, 14pp.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 W 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

**Kasigluk River
Interim Summary Report
Attachment 17**

Bethel -GS-FY98
Baird Inlet -GS-FY98
FF-14883 (75.4)
FF-14824 (75.4)
FF-014838 (75.4)
FF-14901 (75.4)
FF-14902 (75.4)
FF-14916 (75.4)¹

JAN 13 1998

Memorandum

To: Chief, Branch of Survey Preparation and Policy Interpretation (AK925)

From: Chief, Branch of Mapping and Science (AK924)

Subject: Navigability Review for Waters in Window 2029 Bethel (Group 284) Part I

This memorandum identifies navigable waters on public lands selected under the Alaska Statehood Act, Alaska Native Claims Settlement Act, and the Native Allotment Act. This memorandum does not consider the navigability of water bodies on the following Interim Conveyances: 142, 213, 610, 616, 633 and 675. By letter dated September 21, 1990, the Calista Corporation informed the BLM that no new navigability redeterminations be made on previously conveyed lands within the Calista Region.

Survey window 2029 consists of 238 inholdings located in 48 townships. To allow for a manageable survey project, the window was divided into a two-year project. Part I, known as the east half consisting of 114 selections is scheduled for survey in 1998 and Part II, known as the west half consisting of 124 selections is scheduled for survey in 1999. This report covers Part I.

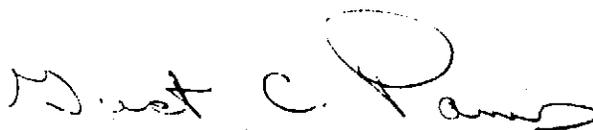
The BLM-Alaska's navigability criteria are based upon federal title navigability law. In a March 16, 1976, memorandum, Hugh Garner, Associate Solicitor, summarized the law for the purpose of administering the Alaska Native Claims Settlement Act. In general, BLM considers nontidal water bodies navigable if, at the time of statehood, they were suitable for travel, trade, and commerce. Additionally, in a December 13, 1989 Ninth Circuit Court decision, the court found that watercraft customary at statehood included boats with a load capacity of about 1,000 pounds. The court further held that the contemporary guided fishing and sightseeing activity on the Gulkana River was commerce and that watercraft customary at statehood "could have at least supported" this commercial activity.

The window lies within the Yukon Delta National Wildlife Refuge created in 1980. The following paragraphs discuss the status of several water bodies within this window.

An unnamed stream locally known as Lomavik River was determined navigable in amended navigability determinations dated 10/14/82 and 10/22/82. The supporting historical documentation dated 7/16/82 refers to David Maxie's landing site in Sec. 26, T. 7 N., R. 71 W., Seward Meridian as the furthest extent of navigability. Based on the supporting documentation, I affirm the determinations from 1982 that this unnamed stream be determined navigable through the Native Allotment selection for F-15666 in Sec. 33, T. 7 N., R. 72 W., Seward Meridian.

The Kasigluk River has been meandered (tidal) through Tps. 8-9N., Rs. 66 & 67 W., SM., (IC 610); and an unnamed stream in T. 5N., R. 72 W., SM., (IC633). Bethel Swampy Lake, previously excluded in IC142, was determined non-navigable. (See navigability report 3/26/83 Bethel Quad File)

Tidal water bodies, lakes fifty acres or more in size, and rivers averaging 198 feet or more in width are not described because, regardless of their navigability status, these water bodies are meandered on the survey plat. The slough with its mouth in Sec. 24, T. 7N., R. 72W., SM that flows through Native Allotment F-16827 is tidal and therefore, falls in this category. Only streams three chains or less in width and lakes fifty acres or less in size are included in Appendix I.



Attachments (2):

1. Appendix (1 pp)
2. Maps (4 pp)

cc:

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State of Alaska DNR
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Realty Services Section
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Chief, Branch of Field Surveys (921)
Chief, Survey Data Research Section (926)
Chief, Mapping Section (924)
Chief, GCDB Project Section (926)
ANCSA (962)
Anchorage District Office (040)

Appendix I
Navigable Waters in Window 2029 (Group Survey 258) by Township in Native Allotments and
on Selected Lands

Seward Meridian

Tps. 5-8 N., R. 66 W.

None in selection.

Tps. 5-8 N., R. 67 W.

None in selection.

Tps. 5-6 N., R. 68 W.

None in selection.

T. 7 N., R. 68 W.

Akuiikutak River within village selection F-14883.

T. 8 N., R. 68 W.

Kushluk River within Native allotment F-16009.

Tps. 5-6 N., R. 69 W.

None in selection.

T. 7 N., R. 69 W.

Anabranh of the Kwethluk River, local name "Net Creek" within Native allotment F-17052B.

T. 8 N., R. 69 W.

None in selection.

Tps. 5-8N., R. 70 W.

None in selection.

Tps. 5-8 N., R. 71 W.

None in selection

Tps. 5-6 N., R. 72 W.

None in selection.

T. 7N., R. 72 W.

Unnamed Stream locally known as Lomavik River within Native Allotment F15666.

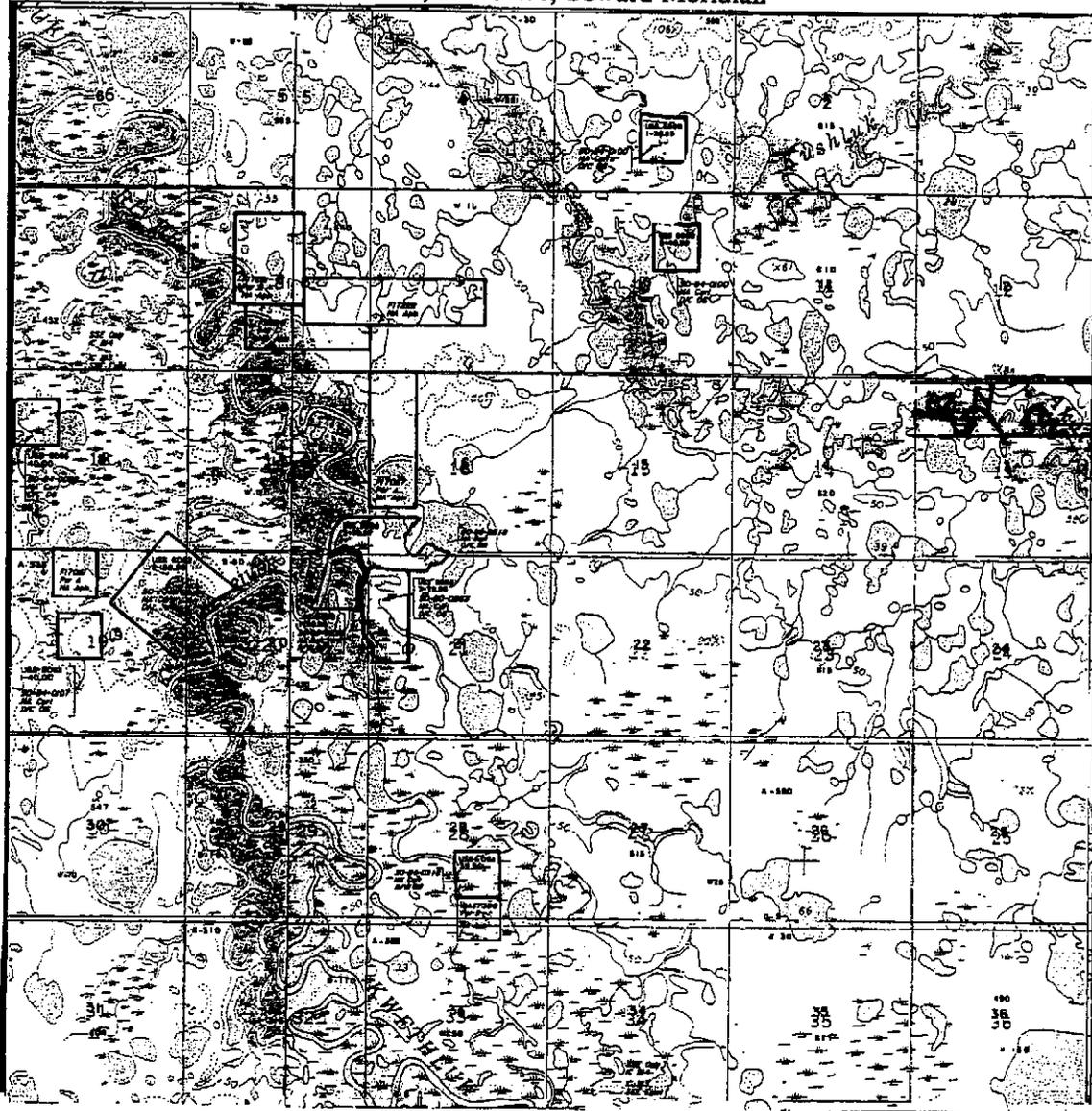
T. 8N., R. 72 W.

None in selection

UNITED STATES
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NAVIGABILITY MAP - PPP WINDOW 2029

T. 7N., R. 68 W., Seward Meridian



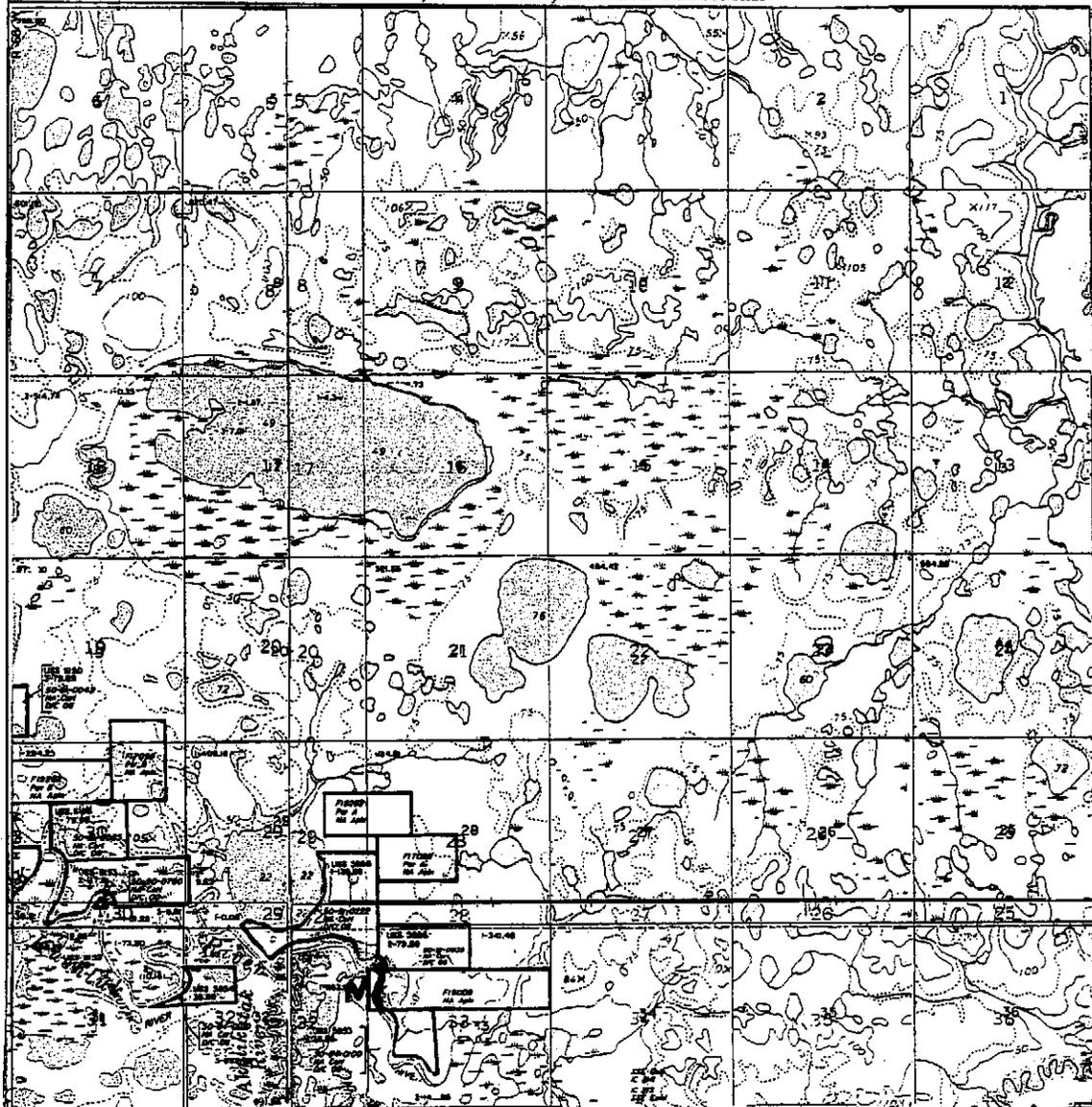
SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	
Bethel C 6-7	CIR 60, R.10, Fr. 377, 7/80	IC 213 Village Sel. F-14883

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NAVIGABILITY MAP - PPP WINDOW 2029

T.8N., R. 68 W., Seward Meridian



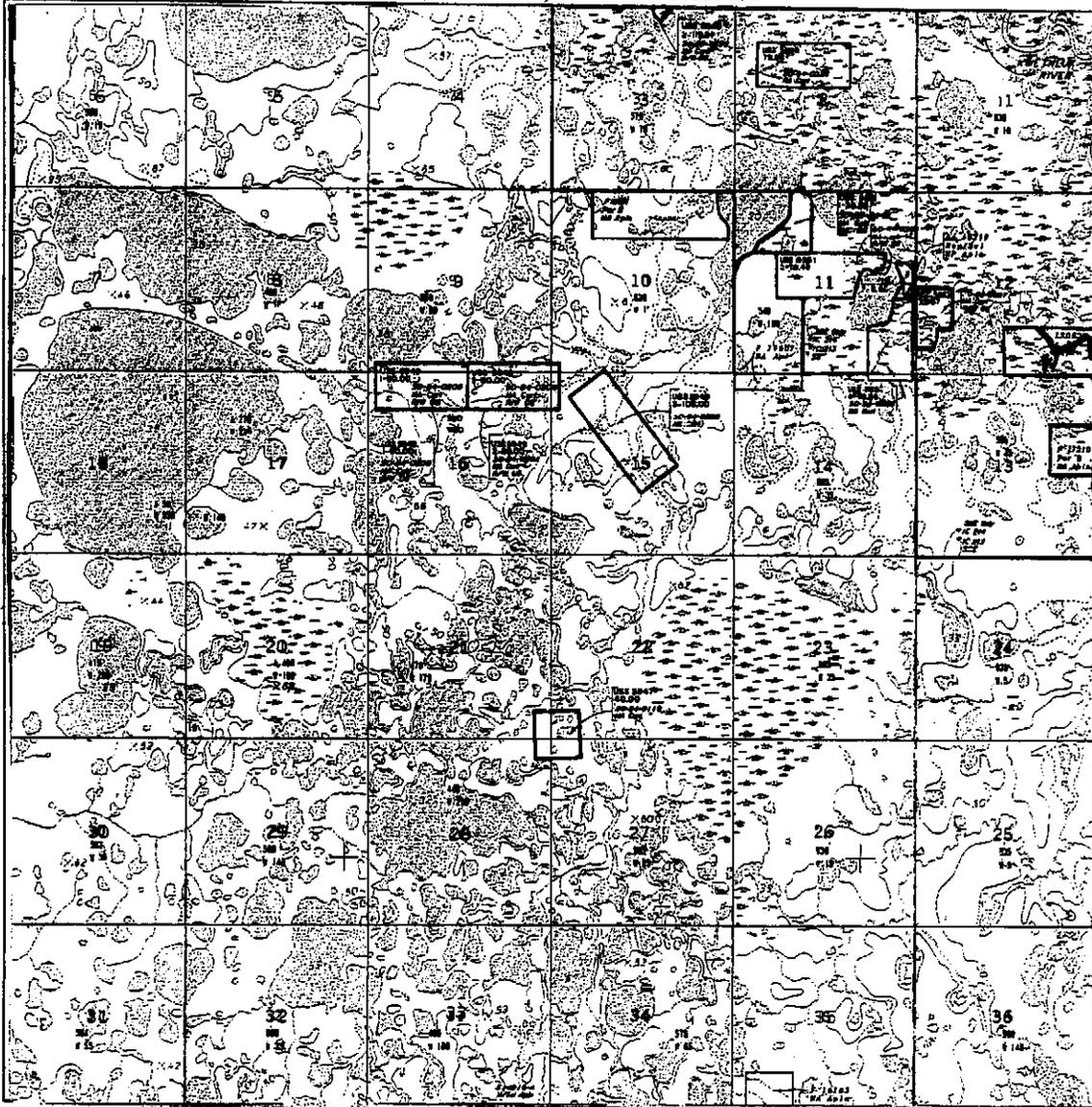
SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	
Bethel C 6-7, D 6-7	CIR 60, R.10, Fr. 377, 7/80	IC 213 NA F-16009

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NAVIGABILITY MAP - PPP WINDOW 2029

T. 7N., R. 69 W., Seward Meridian



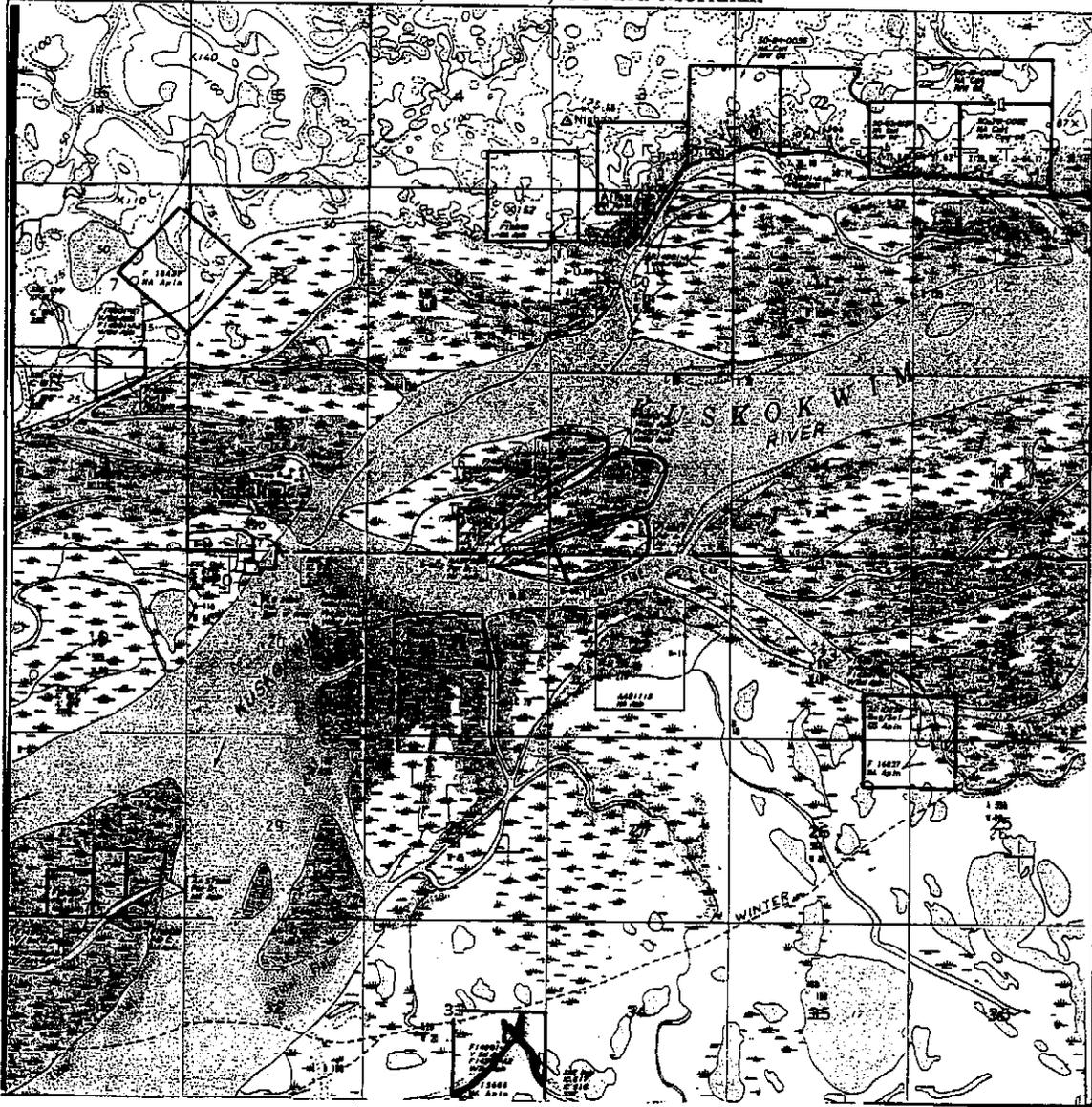
SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	
Bethel C 7	CIR 60, R.10, Fr. 376, 7/80	IC 213 NA F-17052

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NAVIGABILITY MAP - PPP WINDOW 2029

T. 7N., R. 72 W., Seward Meridian



SCALE: 1" = 1 Mile

USGS MAPS	AERIAL PHOTOS	
Bethel C-8	CIR 60, R.10, Fr. 298, 7/80	IC 616 NA F-15666

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF LAND

3601 C STREET, SUITE 1122
ANCHORAGE, ALASKA 99503-5947
PHONE: (907) 269-8503
FAX: (907) 269-8904

June 3, 1998

Gust C. Panos, Chief
Branch of Mapping Sciences
Bureau of Land Management
Alaska State Office
222 W. 7th Avenue, #13
Anchorage, AK 99513-7599

**Kasigluk River
Interim Summary Report
Attachment 18**

RE: Survey Window 2700

Dear Mr. Panos:

We have reviewed the Bureau of Land Management (BLM) memorandum, dated November 7, 1997, containing navigability recommendations for waters on selected lands within the Yukon Delta National Wildlife Refuge. The Survey Window encompasses 24 townships and is composed of 37 Native Allotments and one state selection. We agree with BLM that the Tuluksak River is navigable based on previous findings and that the Kasigluk River is meanderable through T.s 8 & 9 N., R.s 66 & 67 W., S. M. because it is tidally influenced. We also agree that the Kasigluk is navigable through T. 8 N., R. 65 & 66 W., S.M. However, the state asserts that the Kisaralik River, along with its streams and sloughs, is navigable in its entirety from Kisaralik Lake to the mouth, and thus should be meandered from the survey.

The Kisaralik River varies from two to three chains wide, has an average gradient of 16 ft/mile, is less than 250 feet wide, and is 110 miles long. Its depth varies from 10 inches to four feet. Within the window, the river is braided and has many intermittent streams. It is accessible by motor boat from the mouth to the upper falls and the entire length can be floated in a kayak, canoe, or inflatable raft. Of the six allotments included in the survey window that need navigability recommendations one of the allotments (F-15903) straddles the Kisaralik. The other five straddle the Kasigluk River.

Fifteen miles of the Kisaralik riverbed was interim conveyed to Kokarmiut in 1982. Despite this conveyance the state believes that the entire Kisaralik River was navigable at statehood and thus is state owned. Documentation shows many generations relying on the system for subsistence and recreation to supply economic support to the communities. Hunters, fishermen, and trappers have used the river for many years. It is also used for hiking, photography, power boating, wildlife viewing, camping, and canoe or kayak trips. There are several accounts and pictures of float trips and excursions accessing the river from different put-in points and rafting down the river from Kisaralik Lake. In the state's comments on the Draft Management Plan and

Environmental Assessment (EA) for the Kisaralik River, it is noted that in July of 1995 seventeen groups floated the river in a six-week period. In 1996, thirty groups were contacted on the lake from June through September. On the Kisaralik, sport fishing is associated with floating the river according to the Wild and Scenic River study done by the National Park Service in 1984. The Park Service also stated that the Kisaralik "offers outstanding opportunities for kayaking and rafting". There are three falls that require portaging, each of which has well established trails.

On page 9 of the draft EA mentioned above, the U.S. Fish and Wildlife Service acknowledges that the state owns the lands adjacent to Kisaralik Lake and the upper eight miles as well as the lands under the river and lake.

Documentation also shows the use of the Kisaralik's sloughs and feeder streams as access routes to other drainages and harvest areas. In *Alaska's Kuskokwim River Region: A History* by C. Michael Brown, BLM, 1983 descriptions of boat usage on a majority of the streams, rivers, and lakes in the area support navigability findings of those waters within the survey window. Along with the Kisaralik, the same reference suggests that Quartz Creek, Nukluk Creek, Fog River, Kasigluk River, and the Little Kasigluk River are also susceptible to use based on the current standards of navigability.

The most common means of access on the Kisaralik River is by riverboat; the lower portion of the river receives a lot of use from local residents whereas recreational floaters use the upper portion of the river. A jet boat has been recorded as reaching the upper falls according to the Park Service. In the wintertime, the river corridor is used as a route for subsistence activities.

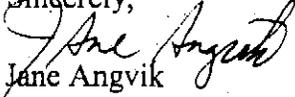
The Department of the Interior's policy for determining ownership of submerged lands was set forth in the March 16, 1976 memorandum of Associate Solicitor Hugh C. Garner and was modified by the Ninth Circuit Court decision *Alaska v. Ahtna, Inc.*, 891 F.2d 1401 (9th Cir. 1989). Based on the Ninth Circuit Court findings, all of the waters referenced above that fall within Survey Window 2700 are navigable based on their susceptibility of use by a boat of a thousand pounds (BLM own test for navigability). Moreover, they were suitable for travel, trade, and commerce at statehood and continue to be so today.

The Garner memorandum recognizes that under The Daniel Ball test, navigability is not destroyed because a river may not be navigable at all seasons of the year, nor because there are natural obstructions. Travel on the Kisaralik River and its sloughs occur at normal water stages during ice-free seasons. In addition, state ownership of a water navigable at statehood is not negated by seasonal variations in water conditions. The bed remains in state ownership.

In conclusion, based on the given information and after reviewing those allotments that were of concern to BLM (F17062, F16917, F16013, F17018, F15903, F17100), the state asserts that the waters flowing through the above parcels fall within the federal guidelines of navigability and the submerged lands should be meandered during this survey and any future surveys in this area.

We appreciate your attention to the state's request to evaluate these waters consistent with your policy. If you would like to discuss our position or need additional information, please contact Kamie Simmons at 267-2242.

Sincerely,


Jane Angvik

Director

cc: Jim Culbertson, DL
Bill Brown, DL
Terry Peterson, DL
Joanne Grace, DOL
Tina Cuning, ADF&G
Kokarmiut Corporation
Calista Corporation

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF LAND

3601 C STREET, SUITE 1122
ANCHORAGE, ALASKA 99503-5947
PHONE: (907) 269-8503
FAX: (907) 269-8904

June 3, 1998

**Kasigluk River
Interim Summary Report
Attachment 19**

Gust C. Panos, Chief
Branch of Mapping Sciences
Bureau of Land Management
Alaska State Office
222 W.7th Avenue, #13
Anchorage, AK 99513-7599

RE: Survey Window 2029 /IC's 142, 213, 610, 633, and 675

Dear Mr. Panos:

We have reviewed your memorandum, dated January 13, 1998, for Survey Window 2029, identifying navigable waters on public lands selected under ANCSA. It does not address waters within already conveyed lands. Survey Window 2029 is described as consisting of 238 inholdings located in 48 townships within the Yukon Delta National Wildlife Refuge. The state would like to offer the following comments to be considered before survey.

First, the state agrees that the Kasigluk River and an unnamed stream in T. 5 N., R. 72 W., S. M. are meanderable. The state also agrees that Lomavik River is navigable along with the Kasigluk, Akulikutak, and Kushluk rivers and Net Creek.

Next, BLM stated that they were not considering the navigability of waterbodies associated with Native allotments that were encompassed by land previously conveyed by Interim Conveyances 142, 213, 610, 633, and 675. This was in response to Calista Corporation's request that no navigability redeterminations be made on previously conveyed lands within the Calista region. Regardless of Calista Corporation's request, the BLM is required to review navigability based on the current applicable standards. At a minimum, waters adjacent to or crossing selected allotments within this survey window should be evaluated consistent with the Department of the Interior's policy summarized in the March 16, 1976 memorandum from Associate Solicitor Hugh C. Garner, as well as the Ninth Circuit Court decision *Alaska v. Ahtna, Inc.*, 891 F.2d 1401 (9th Cir. 1989). The allotments that have been selected in this area remain in federal ownership until conveyed to the individual allottee. They do not constitute previously conveyed lands. The state suggests that BLM invite Calista Corporation to reconsider their request in light of the fact that

BLM is required to review navigability on these allotments before conveying them into private ownership.

The state has examined the information BLM provided in conjunction with the appropriate Master Title Plats and the U.S.G.S quadrangle maps. In general we found that it was almost impossible for the state to verify the allotment locations in relation to surrounding waters without reviewing individual aerial photographs. Because we have not reviewed the aerial photographs we may have inadvertently excluded an allotment from our review. However, based on available information, the state asserts that most of the waters in this region are continually used as an integral part of the communities transportation system, meet the standard of susceptibility as a highway of commerce and, consequently, should be meandered from any allotment survey.

The obviously navigable waters within this survey window are the Akulikutak, Kwethluk, and Kushluk rivers as well as Kuskokuak Slough. In addition to these rivers there are hundreds of tributaries and lakes that are susceptible to navigation. Numerous allotments within the survey window are located on or near each of these rivers. (See attached table)

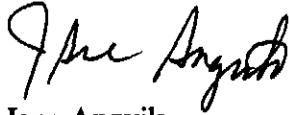
The Kuskokwim drainage is the second largest watershed in the state. Draining the slopes of the Alaska Range and the Kuskokwim Mountains, the main channel flows 680 miles to the Bering Sea south of the Yukon River. The Kuskokwim River and its interconnecting sloughs have been used for thousands of years for travel, subsistence, hunting and fishing. According to the Yukon Delta Refuge Final Comprehensive Conservation Plan (CCP), the U.S. Fish and Wildlife Service acknowledges the state's ownership of navigable water within the refuge. In the CCP, the U.S.F.W.S. acknowledged that the Kasigluk, Kuskowim, and the Tuluksak rivers are navigable..

Occupation of the Yukon Delta has been dated back to 7000 BC. Five to six groups of Yupik-speaking Eskimos lived in this area. Transportation among the groups was provided in open water seasons by both open skinboats and kayaks. Today, during the summer season boats are used on all the major rivers in the refuge. The most important use of these rivers is for travel. The lack of a road system within the refuge makes the locals even more dependent on the waterways to transport food and supplies. Locals use the rivers for hunting, fishing, subsistence, and travel to fish camps, allotments, and between communities. All types of boats are used including riverboats, canoes, and other small watercraft. The Kuskokwim, Kwethluk, and Kasigluk rivers are the most heavily used for commercial purposes, subsistence, and recreation. The Kwethluk, Kisaralik, and Andreafsky Rivers are the primary rivers used by non-local sport anglers. The Akulikutak and the Kushluk rivers are tributaries of the Kwethluk River. They also receive documented boat use.

In conclusion, based on the information gathered, both locals and non-locals use all the rivers previously mentioned for a variety of activities which clearly demonstrates their susceptibility to use as a highway of commerce. Travel on these waterways is vital to the survival of the communities. All the waterways noted for this survey window meet the minimum BLM standards for navigability and should therefore, be meandered from the survey.

We appreciate your attention to the state's request to evaluate these waters consistent with your policy. If you would like to discuss our position or need additional information, please contact Kamie Simmons by phone at 267-2242.

Sincerely,



Jane Angvik
Director

cc: Jim Culbertson, DL
Bill Brown, DL
Terry Petterson, DL
Joanne Grace, DOL
Tina Cunning, ADF&G
Robin Willis, ADF&G
Calista Regional Corporation
Kokarmuit Corporation
Oscarville Native Corporation
Bethel Native Corporation
Napakiak Corporation
Napaskiak Corporation
Kwethluk Incorporated

TABLE A

Native Allotment Applications in Survey Window 2029
Adjacent to or straddling a River

AKULIKUTAK RIVER

F-16010

F-14883-A2

F-19256

F-17056

F-17075

F-17051

KWETHLUK RIVER

F-13559

F-16012

F-16483

F-19254

F-18289 Parcel C

F-15926

F-17221

F-17210

F-17222

F-17057

Tributaries of Kwethluk River

F-16181

F-17052

F-17210 Parcel B

F-17607

F-17078

F-17217

KUSHLUK RIVER

F-16009

KUSKOKUAK SLOUGH

F-17052 Parcel B

F-17217

F-17206

F-17066

F-18288



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Alaska State Office
222 W. 7th Avenue, #13
Anchorage, Alaska 99513-7599

*Duke Mylman
Harris*

9600 (920)

JUN 25 1998

Jane Angvik, Director
Division of Land
Department of Natural Resources
State of Alaska
3601 C Street, Suite 1122
Anchorage, Alaska 99503-5947

**Kasigluk River
Interim Summary Report
Attachment 20**

Re: Survey Window 2700; Alaska

Dear Ms. Anvik:

In reply to your letter dated June 3, 1998, concerning segregation of water bodies within or adjacent to six Native Allotments, we have reviewed your comments to our navigability report dated November 7, 1997. The report stands as written. The report is consistent in all regards with existing Bureau policy and directives. The report shows waters crossing five of these allotments to be navigable (F17062, F16917, F16013, F17018, F17100 - Appendix 1). The remaining Allotment (F15903) will be surveyed based on the criteria in the Manual of Instructions for the Survey of the Public Lands, 1973 (198 foot width).

Sincerely,

Lucretia Skaberg

for Gust Panos, Chief
Branch of Mapping Sciences

cc: Jim Culbertson, DL
Bill Brown, DL
Terry Peterson, DL
Joanne Grace, DOL
Tina Cuning, ADF&G
Kokarmiut Corporation
Calista Corporation

RECEIVED

JUN 29 1998

DIRECTOR'S OFFICE



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Alaska State Office
222 West Seventh Avenue, #13
Anchorage, Alaska 99513-7599
<http://www.ak.blm.gov>



NOS

4411, 24

**Kasigluk River
Interim Summary Report
Attachment 21**

F-14824-EE (75.04)
F-14824-A (2651)
F-14824-A2 (2651)
CAA-9
(961) drb/jak
OCTOBER 03 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

NOTICE

Calista Corporation
Attn: Land Department
301 Calista Court, Suite A
Anchorage, Alaska 99518-3028

Kokarmuit Corporation
Attn: Land Department
P.O. Box 195
Akiak, Alaska 99552-9999

State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Sandra J. Singer, Realty Services Section
550 West Seventh Avenue, Suite 1050A
Anchorage, Alaska 99501-3579

F-14824-A, F-14824-A2
Village Selection Applications

Notice of Proposed Easements and Request for
Easement Nominations for Lands Selected and will be Conveyed to
Kokarmuit Corporation for the Village of Akiak

Pursuant to Departmental Regulation 43 CFR 2650-4.7, notice is hereby provided of public easements identified on lands selected by Kokarmuit Corporation for the Native village of Akiak.

The Bureau of Land Management (BLM) is also requesting easement nominations pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act (ANCSA) for the lands described below.

Subject to valid existing rights, the following lands, selected under 12(a) and 12(b) of ANCSA will be conveyed in the near future to Kokarmuit Corporation for the Native village of Akiak. The lands described below are only a portion of the total selected lands which are shown on the easement maps.

Seward Meridian

T. 8 N., R. 66 W.
Secs. 22, 23 and 24.

T. 9 N., R. 65 W.
Sec. 19;
Secs. 25, 26, 27 and 28;
Secs. 33, 34, 35 and 36.

T. 9 N., R. 66 W.
Secs. 1, 2, 3, 11, 12, 13, 14, 23 and 24.

T. 10 N., R. 66 W.
Secs. 3, 10, 15, 22, 27 and 34.

T. 11 N., R. 67 W.
Secs. 14 and 15;
Secs. 22, 23, 26, 27, 34 and 35.

T. 11 N., R. 68 W.
Secs. 12.

MAJOR WATERWAYS:

The Kasigluk River has been determined to be a major waterbody.

EASEMENTS TO BE RESERVED:

There are no Sec. 17(b) easements recommended.

EASEMENT MAPS:

The easement maps reflect the current status of easements. Only those easements recommended for inclusion in the conveyance document are shown on the easement maps. Please recommend easements you believe should be reserved in the conveyance document by drawing them on the enclosed map and completing the enclosed justification statement form.

This notice does not cover granted rights-of-way of record.

Written comments and recommendations must be filed with the Deputy State Director of Conveyance Management, Alaska State Office, 222 W. 7th Avenue, Box 13, Anchorage, Alaska 99513, Attention: Denny Benson, no later than January 6, 2006.

Your recommendations should identify the serial number of the application. If you have any questions, please contact Denny Benson at 1-907-271-6614 or locally at 271-6614.

/s/ Denny Benson

Denny Benson
Easement Coordinator

3 Attachments:

- 1 – Easement and Navigability Legend
- 2 – Justification Statement Form
- 3 – Easement Quads: Bethel D-5, D-6
Russian Mission A-6, A-7

Copy furnished to: (w/attachments)

State of Alaska
Department of Fish and Game
Division of Sport Fish
Attn: Robin Willis
333 Raspberry Road
Anchorage, Alaska 99518-1599

U.S. Fish and Wildlife Service
Division of Realty, Mail Stop 211
Chief, Branch of Operations
1011 East Tudor Road
Anchorage, Alaska 99503

U.S. Fish and Wildlife Service
Refuge Manager
Yukon Delta National Wildlife Refuge
P.O. Box 346
Bethel, Alaska 99559

Anchorage Field Manager (040)

Easement Reading File (961)

DATE _____

JUSTIFICATION STATEMENT FOR PUBLIC USE RECOMMENDATION

LOCAL NAME

MAP REFERENCE

_____ SELECTION AREA

LOCATION

AREA/EASEMENT

Type: -Existing ___ Trail ___ Water Access ___
-Proposed ___ Road ___ Shoreline Access ___
Airstrip ___ Other (Identify) ___
Public Use Area _____

PHYSICAL DESCRIPTION Width _____ Length _____ Area _____

USES - PAST

PRESENT

FUTURE

TERM

ATTACHED DOCUMENTATION

SUMMARY OF JUSTIFICATION (attach additional sheets if necessary)

EASEMENT AND NAVIGABILITY LEGEND

LINEAR EASEMENT	SYMBOL	CORRIDOR EASEMENTS	SYMBOL
ROADS existing . . .		BOUNDARY OF CORRIDOR . .	
proposed . . .		ROAD	
TRAILS existing . . .		RAILROAD	
proposed . . .		PIPELINES OIL & GAS. . .	
		PIPELINES MINERAL SLURRY	
		POWER TRANSMISSION . .	
SITE EASEMENT		NAVIGABLE WATERS	
LANDING AREA.		CORE TOWNSHIP BOUNDARY. .	
NAVIGATION AID.		EASEMENT NUMBER.	
GAUGE STATION		SPONSOR CODE	
OTHER			

EASEMENT SPONSOR CODE

A Alaska Center for the Environment	D4 Division of Planning and Research
B Department of Defense	D5 Division of Aviation
C Department of Interior:	D6 Division of Public Works
C1 Bureau of Outdoor Recreation	D9 Department of Fish and Game
C2 National Park Service	E Land Use Planning Commission
C3 Bureau of Mines	F RCA Alaska Communications
C4 BLM State Office	G U.S. Forest Service
C5 BLM District Office	H The Alaska Railroad
C6 Fish and Wildlife	I Federal Aviation Administration
C7 Geological Survey	J U.S. Coast Guard
C8 Alaska Power Administration	K Corps of Engineers
D State of Alaska:	L General Public
D1 Division of Lands	M Village Corporation
D2 Division of Parks	N Regional Corporation
D3 Department of Highways	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Alaska State Office
222 West Seventh Avenue, #13
Anchorage, Alaska 99513-7599
<http://www.ak.blm.gov>



F-14824-A (2651)¹ *Deery 9/29/05*
(962) ld/cag *L. Resendiz 9/29/05*
OCTOBER 04 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Kokarmuit Corporation
Attn: Land Department
P.O. Box 195
Akiak, Alaska 99552-9999

**Kasigluk River
Interim Summary Report
Attachment 22**

Calista Corporation
301 Calista Court, Suite A
Anchorage, Alaska 99518-3028

Ladies and Gentlemen:

We are pleased to send you copies of the enclosed corrected conveyance documents.

The originals have been sent to the State Recorder's Office and will be sent to you upon recordation (see enclosed copy of Recordation letter).

As a result of the corrected conveyances, the Bureau of Land Management (BLM) is crediting compensatory acreage to Kokarmuit Corporation's remaining land entitlement in the amount of 521.87 acres.

Thank you for helping to expedite the land transfer program by participating in the conveyance correction process.

Sincerely,

/s/ Krissell Crandall

Krissell Crandall
Chief, Branch of Adjudication I

¹ F-14824-EE (75.04); AA-57389, F-025284, F-16129D, F-17062B, F-17101

Enclosures:**Corrected Interim Conveyances--(2)****Letter to Recorder's Office--(1)****Copy (with Corrected Interim Conveyance documents) furnished to:**

**Bureau of Indian Affairs
Attn: Ron Hunt, Native Allotment Coordinator
3601 C Street, Suite 1100
Anchorage, Alaska 99503-5947**

**Association of Village Council Presidents, Inc.
P.O. Box 219
Bethel, Alaska 99559-0219**

**U. S. Fish and Wildlife Service
Division of Realty, Mail Stop 211
Chief, Branch of Operations
1011 East Tudor Road
Anchorage, Alaska 99503**

**U. S. Fish and Wildlife Service
Refuge Manager
Yukon Delta National Wildlife Refuge
P. O. Box 346
Bethel, Alaska 99559**

**State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Sandra J. Singer, Realty Services Section
550 West Seventh Avenue, Suite 1050A
Anchorage, Alaska 99501-3579**

**State of Alaska
Department of Commerce,
Community and Economic Development
Division of Community Advocacy
ATTN: Keith Jost
550 West Seventh Avenue, Suite 1770
Anchorage, Alaska 99501-3510**

State of Alaska
Department of Fish and Game
Division of Sport Fish
ATTN: Robin Willis
333 Raspberry Road
Anchorage, Alaska 99518-1599

State of Alaska
Department of Transportation and Public Facilities
ATTN: Chief, Right-of-Way Branch
Central Region
4111 Aviation Avenue
Anchorage, Alaska 99502-1058

Department of Homeland Security
United States Coast Guard
Commander (s)
MLC Pacific
1301 Clay Street, Suite 700N
Oakland, California 94612-5203

FM-AK (040)

Deputy Chief, Branch of Adjudication I (963)

ANCSA Acreage Control (961)

Escrow (961)

The United States of America

Corrected Interim Conveyance

F-14824-A

This document corrects Interim Conveyance No. 610, dated December 29, 1982, recorded in Book 69 beginning at page 652, Bethel Recording District, and issued by the UNITED STATES, Department of the Interior, Bureau of Land Management, 222 West Seventh Avenue, #13, Anchorage, Alaska 99513-7599, as GRANTOR, to Kokarmuit Corporation, P.O. Box 195, Akiak, Alaska 99552-9999, as GRANTEE, for lands in the Bethel Recording District.

WHEREAS

Kokarmuit Corporation

is entitled to receive a corrected interim conveyance pursuant to Sec. 18 (d) of the Alaska Native Claims Settlement Act of December 18, 1971, as amended by Sec. 301 of the Alaska Land Transfer Acceleration Act of December 10, 2004, 43 U.S.C. 1617(d). This corrected interim conveyance is issued for the limited purpose of excluding the Native allotment parcels listed below from the lands transferred by Interim Conveyance No. 610. The parcels to be excluded were segregated from the conveyed lands by survey.

<i>Serial No.</i>	<i>Applicant Name</i>	<i>Legal Description</i>
AA-57389	Marguerite Japhet	Lot 2, U.S. Survey 10219
F-16129 D	Oscar N. Anvil	U.S. Survey 11739
F-17062 B	James Guy, Sr.	Lot 1, U.S. Survey 12296
F-17101	Wilson Nicolai	Lots 1, 2 and 3, U.S. Survey 12438
F-025284	Gilila Wassilie	U.S. Survey 12944

THEREFORE, Interim Conveyance No. 610 is corrected in part to read:

Seward Meridian, Alaska

T. 8 N., R. 66 W.,

Sec. 5, excluding U.S. Survey 11739;
Sec. 13, excluding U.S. Survey 12438 and
U.S. Survey 12296.

T. 9 N., R. 66 W.,

Sec. 19, excluding U.S. Survey 6181, U.S. Survey 10219 and
those lands formerly within Native allotment F-025251;
Sec. 20, excluding U.S. Survey 6181 and U.S. Survey 10219;
Sec. 29, excluding U.S. Survey 6180, U.S. Survey 10219 and
those lands formerly within Native allotment F-030770;
Sec. 30, excluding U.S. Survey 10219 and those lands
formerly within Native allotment F-025251;
Sec. 36, excluding U.S. Survey 10220 and
U.S. Survey 11739.

T. 9 N., R. 68 W.,

Secs. 10 and 11, excluding U.S. Survey 5533 and
U.S. Survey 12944;
Sec. 14, excluding U.S. Survey 10270 and
U.S. Survey 12944;
Sec. 15, excluding U.S. Survey 6152, U.S. Survey 10270 and
U.S. Survey 12944.

This correction affects only the above-listed sections. The remainder of Interim
Conveyance No. 610 remains unchanged and in full force and effect.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the UNITED STATES, set her hand and caused the seal of the Bureau to be hereunto affixed on this 4~~th~~ day of October, 2005, in Anchorage, Alaska.

UNITED STATES OF AMERICA

/s/ Krissell Crandall

Krissell Crandall
Chief, Branch of Adjudication I

Return Recorded Document to:

Kokarmuit Corporation
Attn: Land Department
P.O. Box 195
Akiak, Alaska 99552-9999

The United States of America

Corrected Interim Conveyance

F-14824-A

This document corrects Interim Conveyance No. 611, dated December 29, 1982, recorded in Book 33 beginning at page 972, Bethel Recording District, and is issued by the UNITED STATES, Department of the Interior, Bureau of Land Management, 222 West Seventh Avenue, #13, Anchorage, Alaska 99513-7599, as GRANTOR, to Calista Corporation, 301 Calista Court, Suite A, Anchorage, Alaska 99518-3028, as GRANTEE, for lands in the Bethel Recording District.

WHEREAS

Calista Corporation

is entitled to receive a corrected interim conveyance pursuant to Sec. 18 (d) of the Alaska Native Claims Settlement Act of December 18, 1971, as amended by Sec. 301 of the Alaska Land Transfer Acceleration Act of December 10, 2004, 43 U.S.C. 1617(d). This corrected interim conveyance is issued for the limited purpose of excluding the Native allotment parcels listed below from the lands transferred by Interim Conveyance No. 611. The parcels to be excluded were segregated from the conveyed lands by survey.

<i>Serial No.</i>	<i>Applicant Name</i>	<i>Legal Description</i>
AA-57389	Marguerite Japhet	Lot 2, U.S. Survey 10219
F-16129 D	Oscar N. Anvil	U.S. Survey 11739
F-17062 B	James Guy, Sr.	Lot 1, U.S. Survey 12296
F-17101	Wilson Nicolai	Lot 1, 2 and 3, U.S. Survey 12438
F-025284	Gilila Wassilie	U.S. Survey 12944

THEREFORE, Interim Conveyance No. 611 is corrected in part to read:

Seward Meridian, Alaska

T. 8 N., R. 66 W.,

Sec. 5, excluding U.S. Survey 11739;

Sec. 13, excluding U.S. Survey 12438 and
U.S. Survey 12296.

T. 9 N., R. 66 W.,

Sec. 19, excluding U.S. Survey 6181, U.S. Survey 10219 and
those lands formerly within Native allotment F-025251;

Sec. 20, excluding U.S. Survey 6181 and U.S. Survey 10219;

Sec. 29, excluding U.S. Survey 6180, U.S. Survey 10219 and
those lands formerly within Native allotment F-030770;

Sec. 30, excluding U.S. Survey 10219 and those lands
formerly within Native allotment F-025251;

Sec. 36, excluding U.S. Survey 10220 and
U.S. Survey 11739.

T. 9 N., R. 68 W.,

Secs. 10 and 11, excluding U.S. Survey 5533 and
U.S. Survey 12944;

Sec. 14, excluding U.S. Survey 10270 and
U.S. Survey 12944;

Sec. 15, excluding U.S. Survey 6152, U.S. Survey 10270 and
U.S. Survey 12944.

This correction affects only the above-listed sections. The remainder of Interim Conveyance No. 611 remains unchanged and in full force and effect.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the UNITED STATES, set her hand and caused the seal of the Bureau to be hereunto affixed on this 4th day of October, 2005, in Anchorage, Alaska.

UNITED STATES OF AMERICA

/s/ ~~Krissell~~ Crandall

Krissell Crandall
Chief, Branch of Adjudication I

Return Recorded Document to:

Calista Corporation
301 Calista Court, Suite A
Anchorage, Alaska 99518-3028

Interim Conveyance No. 1936

Page 3 of 3

INTERIM CONVEYANCE

WHEREAS

Kokarmuit Corporation

is entitled to a conveyance pursuant to Secs. 14(a) and 22(j) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(a), 1621(j) (Supp. IV, 1980)) of the surface estate in the following described lands:

U.S. Survey No. 2243, Alaska, situated at the Native village of Akiak, on the right bank of the Kuskokwim River, excluding U.S. Survey No. 5068, Townsite of Akiak, Alaska.

Containing approximately 1,189 acres.

Seward Meridian, Alaska (Unsurveyed)T. 9 N., R. 65 W.

Sec. 29;
Sec. 30, excluding Native allotment F-18140;
Secs. 31 and 32.

Containing approximately 2,516 acres.

T. 8 N., R. 66 W.

Secs. 1 to 6, inclusive;
Sec. 7, excluding Native allotments AA-8966 Parcel B and F-17063 Parcel A;
Secs. 8 to 17, inclusive;
Sec. 18, excluding Native allotment F-17209 Parcel A.

Containing approximately 11,320 acres.

T. 9 N., R. 66 W.

Sec. 4, excluding Native allotments F-15906 and F-17077;
Sec. 5, excluding Native allotment F-17077;
Sec. 6;
Sec. 7, excluding Native allotment F-17082;
Sec. 8, excluding Native allotment F-17077;
Sec. 9, excluding Native allotments F-033569, F-15906, and F-17077;
Secs. 10 and 15;
Sec. 16, excluding Native allotment F-033569;
Sec. 17, excluding Native allotment F-17081;
Sec. 18, excluding Native allotments F-17081 and F-17082;
Sec. 19, excluding Native allotments F-15904, F-17081, and those lands formerly within Native allotment F-025251;
Sec. 20, excluding Native allotment F-17081;
Secs. 21 and 22;
Sec. 25, excluding Native allotments F-17542 and F-18140;
Sec. 26, excluding Native allotment F-17542;
Sec. 27;
Sec. 28, excluding those lands formerly within Native allotment F-030770;
Sec. 29, excluding Native allotment F-15915 and those lands formerly within Native allotment F-030770;
Sec. 30, excluding those lands formerly within Native allotment F-025251;
Sec. 31;

Sec. 32, excluding Native allotments F-15908, F-15915 and those lands formerly within Native allotment F-030770;
Sec. 33, excluding those lands formerly within Native allotment F-030770;
Sec. 34;
Secs. 35 and 36, excluding Native allotment F-17542.

Containing approximately 15,428 acres.

T. 10 N., R. 66 W.

Secs. 4 to 7, inclusive;
Sec. 8, excluding Native allotment F-15903 Parcel B;
Secs. 9 and 16;
Sec. 17, excluding U.S. Survey No. 6192 and Native allotment F-15910 Parcel A;
Sec. 18;
Sec. 19, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
Sec. 20, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B, F-15910 Parcel A and F-15919;
Sec. 21, excluding Native allotment F-15911;
Sec. 28;
Sec. 29, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
Sec. 30, excluding U.S. Survey No. 6192 and Native allotment F-15900 Parcel B;
Secs. 31, 32 and 33.

Containing approximately 10,304 acres.

T. 8 N., R. 67 W.

Secs. 1 to 4, inclusive;
Secs. 10 to 14, inclusive.

Containing approximately 5,760 acres.

T. 9 N., R. 67 W.

Secs. 1, 2 and 3;
Sec. 4, excluding U.S. Survey No. 2294;
Sec. 5, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
Sec. 6, excluding U.S. Survey No. 2243 and U.S. Survey No. 5068;
Secs. 7 and 8;
Sec. 9, excluding Native allotment F-17922 Parcel B;
Sec. 10, excluding Native allotments F-13194, F-13197, F-17922 Parcel B and F-18569;
Sec. 11, excluding Native allotment F-13194;
Sec. 12, excluding Native allotment F-15898;
Sec. 13, excluding Native allotments F-15912 and F-18420 Parcel A;
Sec. 14, excluding U.S. Survey No. 6159 and Native allotments F-13209, F-15912, F-17220 Parcel A and F-18420 Parcel A;
Sec. 15, excluding U.S. Survey No. 6159 and Native allotments F-13197, F-13209, F-15909, F-17220 Parcel A, F-17922 Parcel B and F-18569.
Sec. 16, excluding Native allotment F-17922 Parcel B;
Secs. 17 and 18;

Interim Conveyance No. 610

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Dated 10/04/05

Sec. 19, excluding Native allotments F-13205, F-13301 and F-15902;
 Sec. 20, excluding Native allotments F-13301 and F-15902;
 Sec. 21;
 Sec. 22, excluding U.S. Survey No. 6159 and Native allotment F-15909;
 Sec. 23;
 Sec. 24, excluding lands formerly within Native allotment F-025251;
 Sec. 25, excluding Native allotment F-16846 and lands formerly within Native allotment F-25251;
 Sec. 26, excluding Native allotment F-16846;
 Secs. 27 and 28;
 Sec. 29, excluding Native allotment F-15902;
 Sec. 30, excluding Native allotments F-13205, F-13345 and F-15901 Parcel B;
 Sec. 31, excluding Native allotment F-13345;
 Secs. 32, 33 and 34;
 Secs. 35 and 36, excluding Native allotment F-16846.

Containing approximately 18,037 acres.

T. 10 N., R. 67 W.

Secs. 1 and 2;
 Sec. 3, excluding Native allotment F-15916;
 Sec. 4, excluding Native allotment F-15917;
 Sec. 5;
 Sec. 6, excluding U.S. Survey No. 6195 and Native allotment F-15914;
 Secs. 7 to 14, inclusive;
 Sec. 15, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel A;
 Sec. 16, excluding U.S. Survey No. 6193 and Native allotment F-15905;
 Sec. 17, excluding U.S. Survey No. 6193 and Native allotments F-15900 Parcel A and F-15905;
 Secs. 18 and 19;
 Sec. 20, excluding U.S. Survey No. 6193 and Native allotment F-15900 Parcel A;
 Sec. 21, excluding U.S. Survey No. 6189 and Native allotment F-15920;
 Sec. 22, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcels A and B;
 Sec. 23, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel B;
 Sec. 24;
 Sec. 25, excluding Native allotment F-13377;
 Secs. 26 and 27;
 Sec. 28, excluding U.S. Survey No. 6189 and Native allotment F-15920;
 Secs. 29 and 30, excluding U.S. Survey No. 2243;
 Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
 Sec. 33, excluding U.S. Survey No. 2294;
 Secs. 34, 35 and 36.

Containing approximately 16,927 acres.

Interim Conveyance No. 610

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T. 11 N., R. 67 W.
Secs. 20 and 21;
Secs. 28 to 33, inclusive.

Containing approximately 5,075 acres.

T. 9 N., R. 68 W.
Secs. 1 and 2, excluding U.S. Survey No. 5686, and Native allotment F-15910 Parcel B;
Sec. 3;
Secs. 10 and 11, excluding Native allotment F-13199;
Secs. 12, 13 and 14;
Sec. 15, excluding U.S. Survey No. 6152 and Native allotments F-16592 and F-16595.

Containing approximately 4,047 acres.

T. 10 N., R. 68 W.
Secs. 1, 2 and 3;
Secs. 10, 11 and 12;
Secs. 13 and 14, excluding Native allotment F-16593;
Sec. 15;
Secs. 22, 23 and 24;
Sec. 25, excluding U.S. Survey No. 2243;
Secs. 26 and 27;
Secs. 34 and 35;
Sec. 36, excluding U.S. Survey No. 2243.

Containing approximately 11,110 acres.

T. 11 N., R. 68 W.
Secs. 25 and 36.

Containing approximately 1,280 acres.

Aggregating approximately 102,993 acres.

Excluded from the above-described lands herein conveyed are the submerged lands, up to the ordinary high water mark, beneath all water bodies determined by the Bureau of Land Management to be navigable because they have been or could be used in connection with travel, trade and commerce, or are pending a tidal determination at the time of survey. Those water bodies are identified on the attached navigability maps, the original of which will be found in easement case file F-14824-EE.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation the surface estate in the land above described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said corporation, its successors and assigns, forever:

EXCEPTING AND RESERVING TO THE UNITED STATES from the lands so granted:

1. The subsurface estate therein, and all rights, privileges, immunities, and appurtenances, of whatsoever nature, accruing unto said estate pursuant to the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(f)); and

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2. Pursuant to Sec. 17(b) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)), the following public easements, referenced by easement identification number (EIN) on the easement maps attached to this document, copies of which will be found in case file F-14824-EE, are reserved to the United States. All easements are subject to applicable Federal, State, or Municipal corporation regulation. The following is a listing of uses allowed for each type of easement. Any uses which are not specifically listed are prohibited.

25 Foot Trail - The uses allowed on a twenty-five (25) foot wide trail easement are: travel by foot, dogsled, animals, snowmobiles, two- and three-wheel vehicles, and small and large all-terrain vehicles (ATV's) (less than 3,000 lbs. Gross Vehicle Weight (GVW)).

One Acre Site - The uses allowed on a one (1) acre site easement are: vehicle parking (e.g., aircraft, boats, ATV's, snowmobiles, cars, trucks), temporary camping, and loading or unloading. Temporary camping, loading or unloading shall be limited to 24 hours.

- a. (EIN 14 C5) A one (1) acre site easement upland of the ordinary high water mark in Sec. 1, T. 10 N., R. 67 W., Seward Meridian, on the right bank of the Kuskokwim River. The uses allowed are those listed above for a one (1) acre site easement.
- b. (EIN 14a C5) An easement for a proposed access trail twenty-five (25) feet in width from site EIN 14 C5 northwesterly to public land. The uses allowed are those listed above for a twenty-five (25) foot wide trail easement. The season of use will be limited to winter.

THE GRANT OF THE ABOVE-DESCRIBED LANDS IS SUBJECT TO:

1. Issuance of a patent after approval and filing by the Bureau of Land Management of the official plat of survey confirming the boundary description and acreage of the lands hereinabove granted;
2. Valid existing rights therein, if any, including but not limited to those created by the lease (including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (48 U.S.C. Ch. 2, Sec. 6(g))), contract, permit, right-of-way, or easement, and the right of the lessee, contractee, permittee, or grantee to the complete enjoyment of all rights, privileges, and benefits thereby granted to him. Further, pursuant to Sec. 17(b)(2) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1616(b)(2) (ANCSA)), any valid existing right recognized by ANCSA shall continue to have whatever right of access as is now provided for under existing law; and

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3. Requirements of Sec. 14(c) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(c) (Supp. IV, 1980)), that the grantee hereunder convey those portions, if any, of the lands hereinabove granted, as are prescribed in said section.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereunto affixed on this 29th day of December, 1982, in Anchorage, Alaska.

UNITED STATES OF AMERICA

William D. Arnold
Assistant to the State Director
for Conveyance Management

INTERIM CONVEYANCE

WHEREAS

Calista Corporation

is entitled to a conveyance pursuant to Secs. 14(f) and 22(j) of the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601, 1613(f), 1621(j)), of the subsurface estate reserved to the United States in the hereinbelow identified interim conveyance of the surface estate in the following described lands:

Interim Conveyance No. 610

U.S. Survey No. 2243, Alaska, situated at the Native village of Akiak, on the right bank of the Kuskokwim River, excluding U.S. Survey No. 5068, Townsite of Akiak, Alaska.

Containing approximately 1,189 acres.

Seward Meridian, Alaska (Unsurveyed)

T. 9 N., R. 65 W.

Sec. 29;
Sec. 30, excluding Native allotment F-18140;
Secs. 31 and 32.

Containing approximately 2,516 acres.

T. 8 N., R. 66 W.

Secs. 1 to 6, inclusive;
Sec. 7, excluding Native allotments AA-8966 Parcel B and F-17063 Parcel A;
Secs. 8 to 17, inclusive;
Sec. 18, excluding Native allotment F-17209 Parcel A.

Containing approximately 11,320 acres.

T. 9 N., R. 66 W.

Sec. 4, excluding Native allotments F-15906 and F-17077;
Sec. 5, excluding Native allotment F-17077;
Sec. 6;
Sec. 7, excluding Native allotment F-17082;
Sec. 8, excluding Native allotment F-17077;
Sec. 9, excluding Native allotments F-033569, F-15906, and F-17077;
Secs. 10 and 15;
Sec. 16, excluding Native allotment F-033569;
Sec. 17, excluding Native allotment F-17081;
Sec. 18, excluding Native allotments F-17081 and F-17082;
Sec. 19, excluding Native allotments F-15904, F-17081, and those lands formerly within Native allotment F-025251;
Sec. 20, excluding Native allotment F-17081;
Secs. 21 and 22;
Sec. 25, excluding Native allotments F-17542 and F-18140;
Sec. 26, excluding Native allotment F-17542;
Sec. 27;
Sec. 28, excluding those lands formerly within Native allotment F-030770;

Interim Conveyance No. 611

Date DEC 29 1982

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Dated 10/04/05

Sec. 29, excluding Native allotment F-15915 and those lands formerly within Native allotment F-030770;
 Sec. 30, excluding those lands formerly within Native allotment F-025251;
 Sec. 31;
 Sec. 32, excluding Native allotments F-15908, F-15915 and those lands formerly within Native allotment F-030770;
 Sec. 33, excluding those lands formerly within Native allotment F-030770;
 Sec. 34;
 Secs. 35 and 36, excluding Native allotment F-17542.

Containing approximately 15,428 acres.

T. 10 N., R. 66 W.

Secs. 4 to 7, inclusive;
 Sec. 8, excluding Native allotment F-15903 Parcel B;
 Secs. 9 and 16;
 Sec. 17, excluding U.S. Survey No. 6192 and Native allotment F-15910 Parcel A;
 Sec. 18;
 Sec. 19, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
 Sec. 20, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B, F-15910 Parcel A and F-15919;
 Sec. 21, excluding Native allotment F-15911;
 Sec. 28;
 Sec. 29, excluding U.S. Survey No. 6192 and Native allotments F-15900 Parcel B and F-15919;
 Sec. 30, excluding U.S. Survey No. 6192 and Native allotment F-15900 Parcel B;
 Secs. 31, 32 and 33.

Containing approximately 10,304 acres.

T. 8 N., R. 67 W.

Secs. 1 to 4, inclusive;
 Secs. 10 to 14, inclusive.

Containing approximately 5,760 acres.

T. 9 N., R. 67 W.

Secs. 1, 2 and 3;
 Sec. 4, excluding U.S. Survey No. 2294;
 Sec. 5, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
 Sec. 6, excluding U.S. Survey No. 2243 and U.S. Survey No. 5068;
 Secs. 7 and 8;
 Sec. 9, excluding Native allotment F-17922 Parcel B;
 Sec. 10, excluding Native allotments F-13194, F-13197, F-17922 Parcel B and F-18569;
 Sec. 11, excluding Native allotment F-13194;
 Sec. 12, excluding Native allotment F-15898;
 Sec. 13, excluding Native allotments F-15912 and F-18420 Parcel A;
 Sec. 14, excluding U.S. Survey No. 6159 and Native allotments F-13209, F-15912, F-17220 Parcel A and F-18420 Parcel A;

Interim Conveyance No. _____

611

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Sec. 15, excluding U.S. Survey No. 6159 and Native allotments F-13197, F-13209, F-15909, F-17220 Parcel A, F-17922 Parcel B and F-18569.
Sec. 16, excluding Native allotment F-17922 Parcel B;
Secs. 17 and 18;
Sec. 19, excluding Native allotments F-13301, F-13205 and F-15902;
Sec. 20, excluding Native allotments F-13301 and F-15902;
Sec. 21;
Sec. 22, excluding U.S. Survey No. 6159 and Native allotment F-15909;
Sec. 23;
Sec. 24, excluding lands formerly within Native allotment F-025251;
Sec. 25, excluding Native allotment F-16846 and lands formerly within Native allotment F-25251;
Sec. 26, excluding Native allotment F-16846;
Secs. 27 and 28;
Sec. 29, excluding Native allotment F-15902;
Sec. 30, excluding Native allotments F-13205, F-13345 and F-15901 Parcel B;
Sec. 31, excluding Native allotment F-13345;
Secs. 32, 33 and 34;
Secs. 35 and 36, excluding Native allotment F-16846.

Containing approximately 18,037 acres.

T. 10 N., R. 67 W.

Secs. 1 and 2;
Sec. 3, excluding Native allotment F-15916;
Sec. 4, excluding Native allotment F-15917;
Sec. 5;
Sec. 6, excluding U.S. Survey No. 6195 and Native allotment F-15914;
Secs. 7 to 14, inclusive;
Sec. 15, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel A;
Sec. 16, excluding U.S. Survey No. 6193 and Native allotment F-15905;
Sec. 17, excluding U.S. Survey No. 6193 and Native allotments F-15900 Parcel A and F-15905;
Secs. 18 and 19;
Sec. 20, excluding U.S. Survey No. 6193 and Native allotment F-15900 Parcel A;
Sec. 21, excluding U.S. Survey No. 6189 and Native allotment F-15920;
Sec. 22, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcels A and B;
Sec. 23, excluding U.S. Survey No. 6189 and Native allotment F-15913 Parcel B;
Sec. 24;
Sec. 25, excluding Native allotment F-13377;
Secs. 26 and 27;
Sec. 28, excluding U.S. Survey No. 6189 and Native allotment F-15920;
Secs. 29 and 30, excluding U.S. Survey No. 2243;
Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey No. 2294 and U.S. Survey No. 5068;
Sec. 33, excluding U.S. Survey No. 2294;
Secs. 34, 35 and 36.

Containing approximately 16,927 acres.

Interim Conveyance No. 611

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T. 11 N., R. 67 W.
Secs. 20 and 21;
Secs. 28 to 33, inclusive.

Containing approximately 5,075 acres.

T. 9 N., R. 68 W.
Secs. 1 and 2, excluding U.S. Survey No. 5686, and Native allotment F-15910 Parcel B;
Sec. 3;
Secs. 10 and 11, excluding Native allotment F-13199;
Secs. 12, 13 and 14;
Sec. 15, excluding U.S. Survey No. 6152 and Native allotments F-16592 and F-16595.

Containing approximately 4,047 acres.

T. 10 N., R. 68 W.
Secs. 1, 2 and 3;
Secs. 10, 11, and 12;
Secs. 13 and 14, excluding Native allotment F-16593;
Sec. 15;
Secs. 22, 23 and 24;
Sec. 25, excluding U.S. Survey No. 2243;
Secs. 26 and 27;
Secs. 34 and 35;
Sec. 36, excluding U.S. Survey No. 2243.

Containing approximately 11,110 acres.

T. 11 N., R. 68 W.
Secs. 25 and 36.

Containing approximately 1,280 acres.

Aggregating approximately 102,993 acres.

Excluded from the above-described lands herein conveyed are the submerged lands, up to the ordinary high water mark, beneath all water bodies determined by the Bureau of Land Management to be navigable because they have been or could be used in connection with travel, trade and commerce, or are pending a tidal determination at the time of survey. Those water bodies are identified on the attached navigability maps, the original of which will be found in easement case file F-14824-EE.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES OF AMERICA, unto the above-named corporation the subsurface estate in the land above described, TO HAVE AND TO HOLD the said estate with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said corporation, its successors and assigns, forever;

THE GRANT OF THE ABOVE-DESCRIBED LANDS IS SUBJECT TO all the easements and rights-of-way reserved in the aforementioned conveyance of the surface estate, and to valid existing rights therein, if any, in the said subsurface estate, including but not limited to those created by any lease (including a lease issued under Sec. 6(g) of the Alaska Statehood Act of July 7, 1958 (48 U.S.C. Ch. 2, Sec. 6(g))), contract, permit, right-of-way, or easement, and the

Interim Conveyance No. 611

Date DEC 29 1982

This Document has been corrected by IC No. 1936 Dated 10/04/05

F-14824-A

right of the lessee, contractee, permittee, or grantee to the complete enjoyment of all rights, privileges, and benefits thereby granted to him.

IN WITNESS WHEREOF, the undersigned authorized officer of the Bureau of Land Management has, in the name of the United States, set his hand and caused the seal of the Bureau to be hereunto affixed on this 29th day of December, 1982, in Anchorage, Alaska.

UNITED STATES OF AMERICA

William D. Arnold

Assistant to the State Director
for Conveyance Management

SURVEYED TOWNSHIP 9 NORTH RANGE 67 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR PURPOSES OF THE FEDERAL LAND MANAGEMENT POLICY ACT OF 1966,
PUBLIC LANDS WITHDRAWN FOR CLASSIFICATION
AS NATIONAL MONUMENTS, NATIONAL ANTICLIMAX MONUMENT,
NATIONAL MONUMENT, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MODIFICATIONS DOCUMENTS

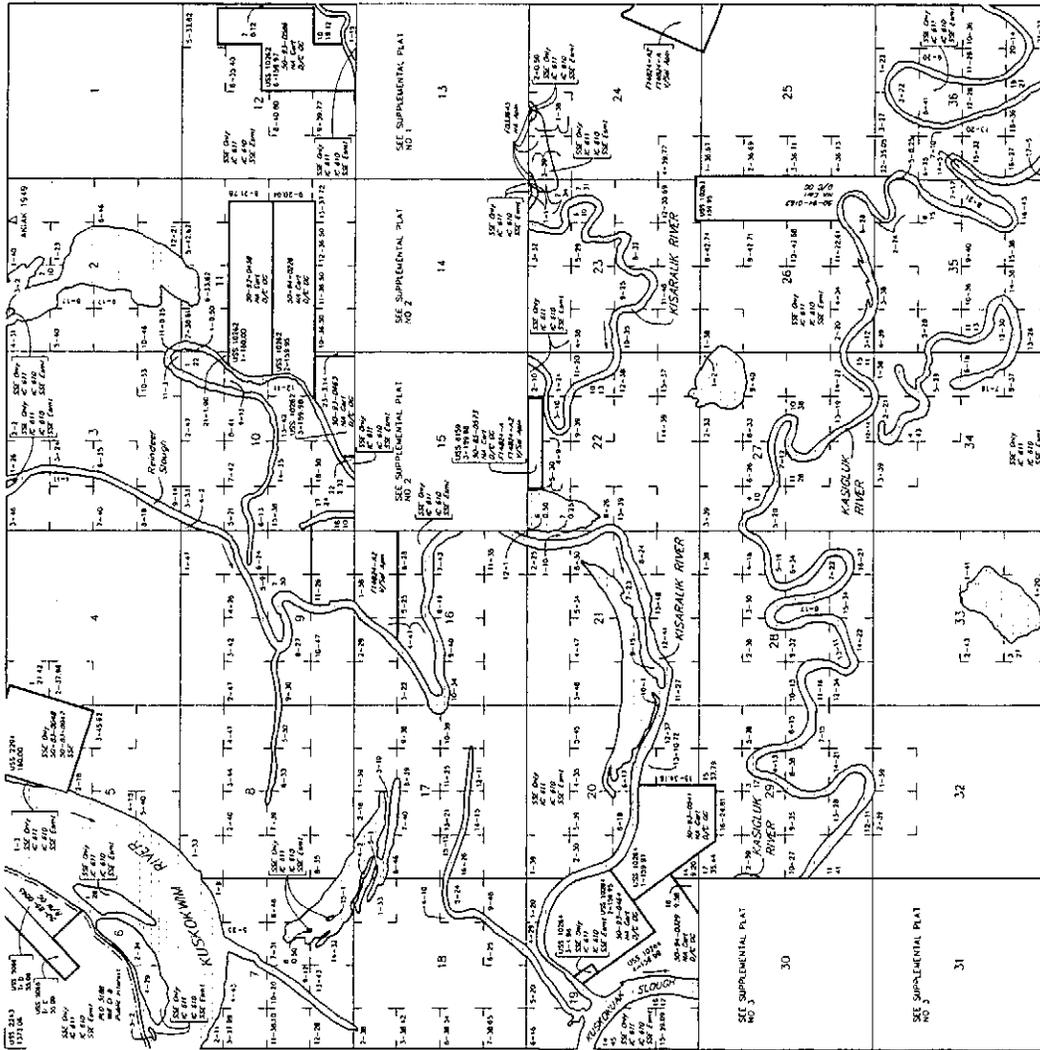
ALL OTHER PUBLIC LANDS ARE UNDEVELOPED

SEE SUPPLEMENTAL PLAT NO. 1

SEE SUPPLEMENTAL PLAT NO. 2

SEE SUPPLEMENTAL PLAT NO. 3

Kasigluk River
Interim Summary Report
Attachment 23

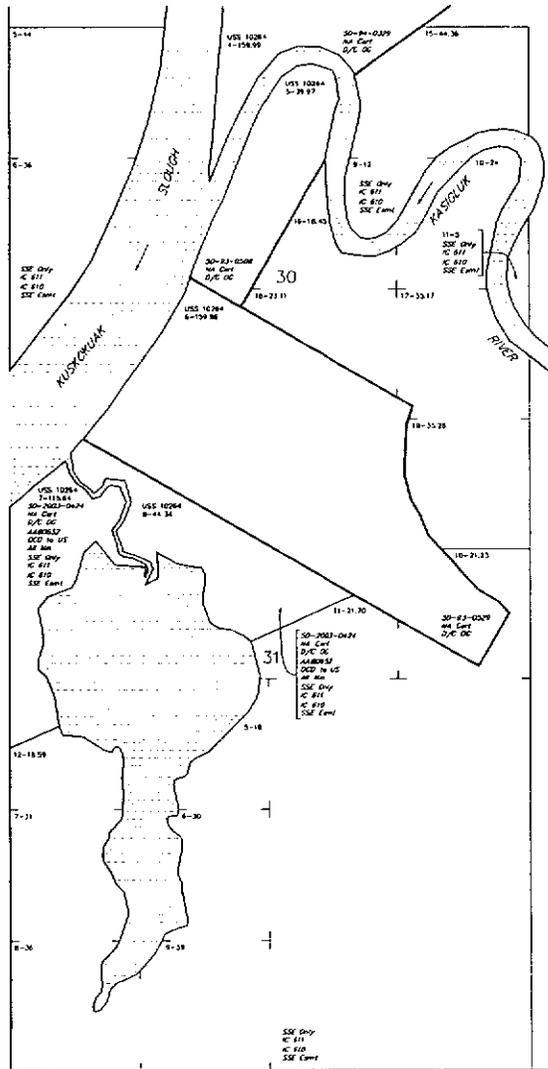


SCALE IN MILES
0 0.1 0.2 0.3 0.4 0.5

UTM
Easting: 1610408847
Northing: 604912074

DATE: 10-4-2006
BY: [Signature]
FOR: [Signature]

SURVEYED TOWNSHIP 9 NORTH RANGE 67 WEST OF THE SEWARD MERIDIAN, ALASKA



SCALE in chains
0 10 20

This plan is the Bureau's Record of Title, and should be used only as a general check of the location shown here. It is not intended to be a substitute for a plat, which may have been adopted by some municipality or other body of authority in the absence of a plat for official survey information.

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP
SUPPL SECS 30 & 31

No. 3

FOR OWNERS EFFECTING DISPOSAL OR USE OF UN-IDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PLD 5184 and G1 affects L&A/interests not surveyed

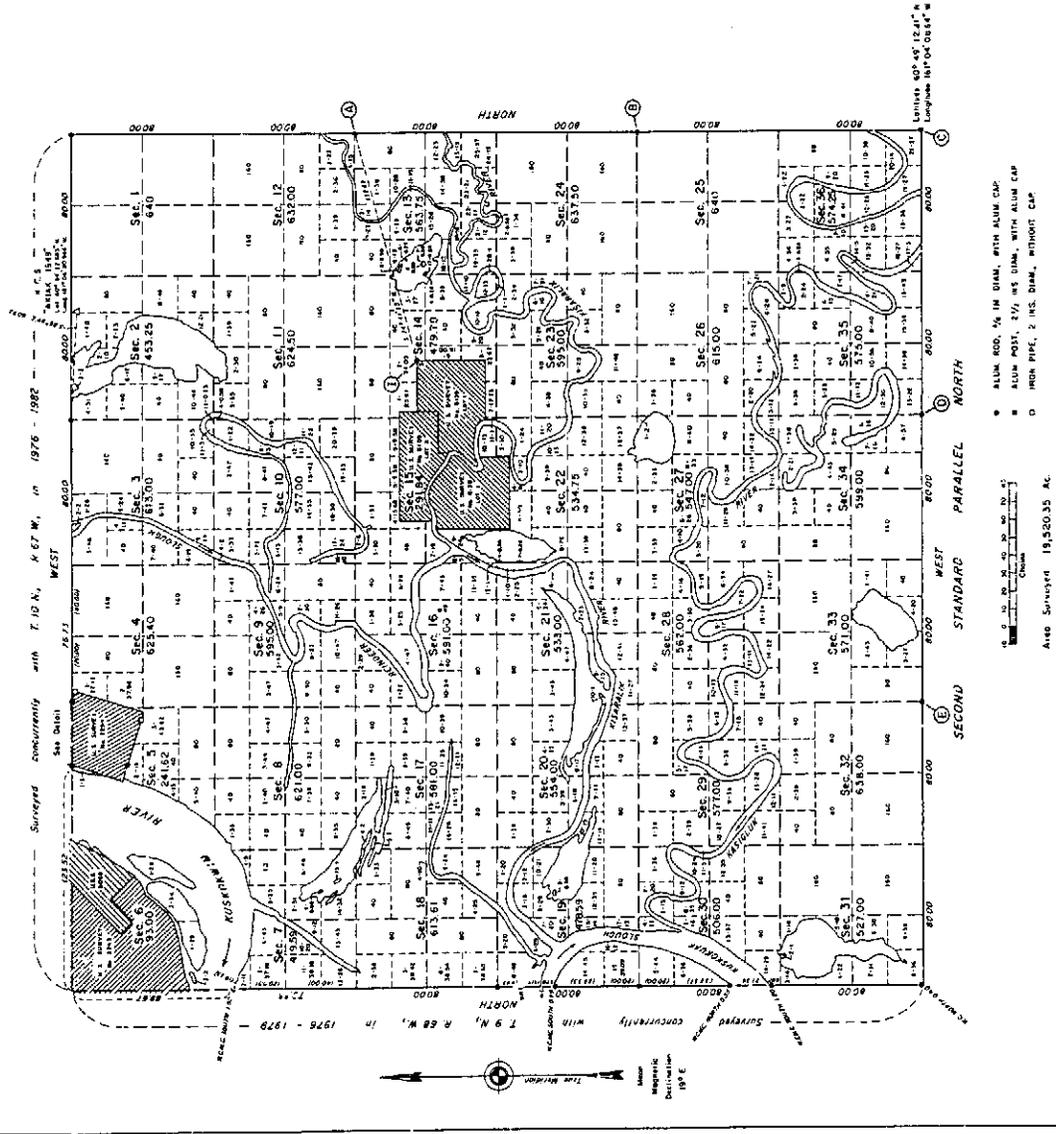
PL 98-487 and Yukon Delta NAD where 3p

CURRENT TO	No. 3
10-4-2006	Se= Mer
	1 9 N
	R 67 W

ACAD

TOWNSHIP 9 NORTH, RANGE 67 WEST, OF THE SEWARD MERIDIAN, ALASKA

Sheet 1 of 2 Sheets



This plat, and the certificate contain the entire survey record.

Whereas U.S. surveys were completed within this Township.

This plat represents the survey of the Second Standard Parallel North, on the south boundary and the Second Standard Meridian, on the west boundary of the Township, Seward Meridian, Alaska.

This survey was conducted by George F. Dault, Certified Surveyor, and Tommy A. Noller, Cadastral Surveyor, September 10 through September 30, 1982. The survey was conducted in accordance with the instructions for Group No. 285, Alaska, dated August 3, 1976, approved August 26, 1976, and Assignment Instructions dated August 31, 1975, and August 25, 1982.

Corner positions of this survey were determined by the method of triangulation. The survey was conducted by the National Control Survey. The geographic positions for these control stations are based on the 1975 adjusted survey data prepared by the National Control Survey. The survey was conducted at corrected corner positions based on official Bureau of Land Management protection diagrams.

This survey encompasses all lands (including islands, bluffs, and rocks above the line of mean high water which was in existence at the time of survey, whether or not they are shown on this plat, the hydrography shown on this plat was obtained from color infrared photographs that were made from aerial photography flown in June 1977 by the Bureau of Land Management. Lakes not shown in sections 12, 13, and 24 were determined non-measurable by field investigation in 1982.

The mean magnetic declination shown on this plat was obtained from U.S. Geological Survey quadrangle map "NEHELE (D-8), Alaska, 1954 edition. The area fiberglass cones referred to on this plat are 75 inches diameter at the base, 4 inches diameter at the top, and 24 inches high.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

The survey represented by this plat, having been correctly conducted in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director
James G. Hill
August 1982
Deputy State Director for Cadastral Survey,
Alaska

- ALUM. ROD, 1/4 IN. DIAM., WITH ALUM. CAP.
- ALUM. POST, 2 1/2 IN. DIAM., WITH ALUM. CAP.
- IRON PIPE, 2 IN. DIAM., WITHOUT CAP.

Area Surveyed 19,320.35 AC

TOWNSHIP 9 NORTH, RANGE 67 WEST, OF THE SEWARD MERIDIAN, ALASKA
 SEGREGATION SURVEY

This segregation survey plat of Township 9 North, Range 67 West, Seward Meridian, Alaska, shows the following sections: 10, 11, 12, 13, 14, 15, 20, 21, 22, 23, 24, 25, 26, 29, 30, 31, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. These sections are based upon official survey records; the plat of Township 9 North, Range 67 West, Seward Meridian, Alaska, accepted August 1, 1984; the plat of U.S. Survey No. 10262, 10263 and 10264, Alaska accepted September 30, 1992; Special Instructions for Group No. 623, Alaska, dated May 1, 1984, and approved May 1, 1984; and Management Instructions dated November 15, 2003.

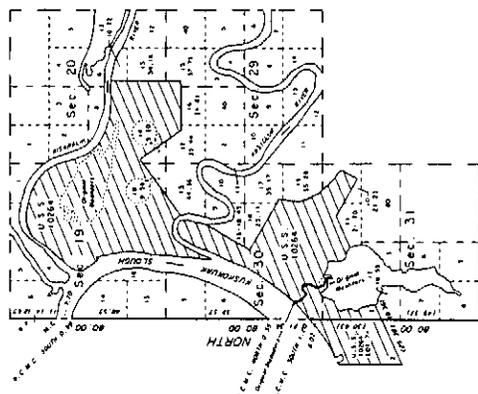
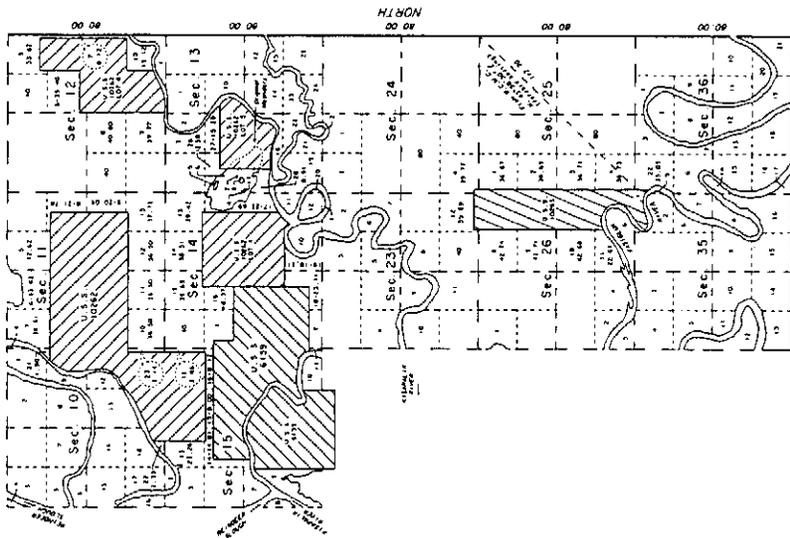
Acceptance of this survey does not purport to transfer any interest in submerged lands which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 Anchorage, Alaska

This segregation survey plat is based upon the official records, and having been correctly prepared in accordance with the regulations of this Bureau, is hereby accepted.

For the Director
John Smith
 Date

Deputy State Director for Cadastral Survey,
 Alaska



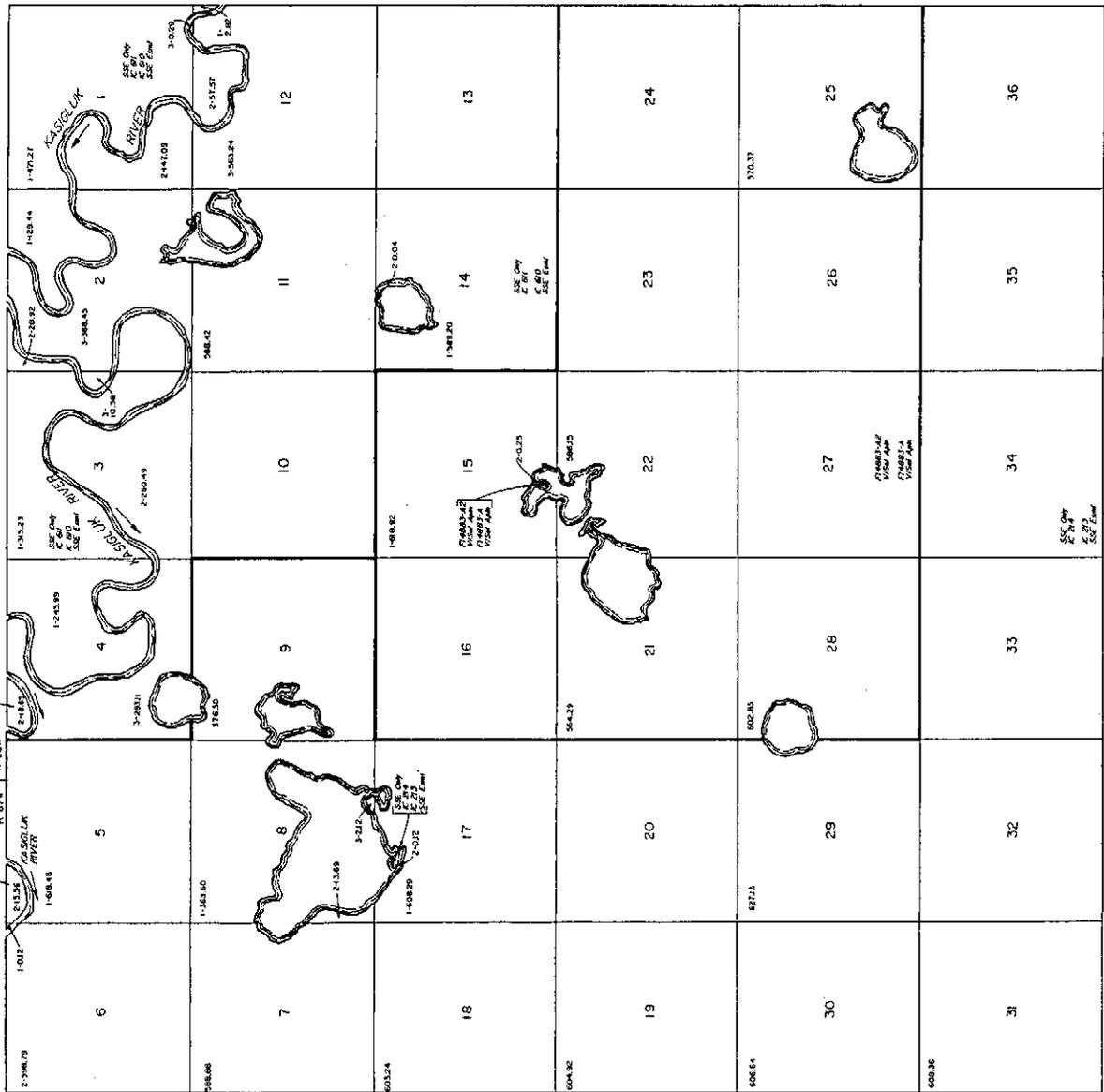
SURVEYED TOWNSHIP 8 NORTH RANGE 67 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

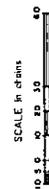
MTP

INDEX TO SEGREGATED TRACTS		
RESERVE	ORIGINAL SURVEY	SUBDIVISION
TRACT NO.	T.	R.

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
CATED LANDS WITHIN OR FOR CLASSIFICATION
MINERAL WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS
PL. 95-202 W&E T148B1.0P. 00 T148B1.0A. T148B1.0P
N.O. 5684 Ref. C) 01/11/11. LAD/Mineral and conveyance
P. 95-487 W&E Yukon Delta NWR 00/01. T.P.



WARNING:
THIS IS A PUBLIC RECORD OF TITLE AND SHOULD BE USED
AS A GUIDE ONLY. IT DOES NOT REPRESENT THE CURRENT
STATUS OF THE LAND. ANY CHANGES WHICH MAY HAVE BEEN
MADE SINCE THE DATE OF THIS SURVEY SHOULD BE REFERRED
TO THE ORIGINAL SURVEY FOR FURTHER INFORMATION.



SCALE in feet

0 10 20 30 40

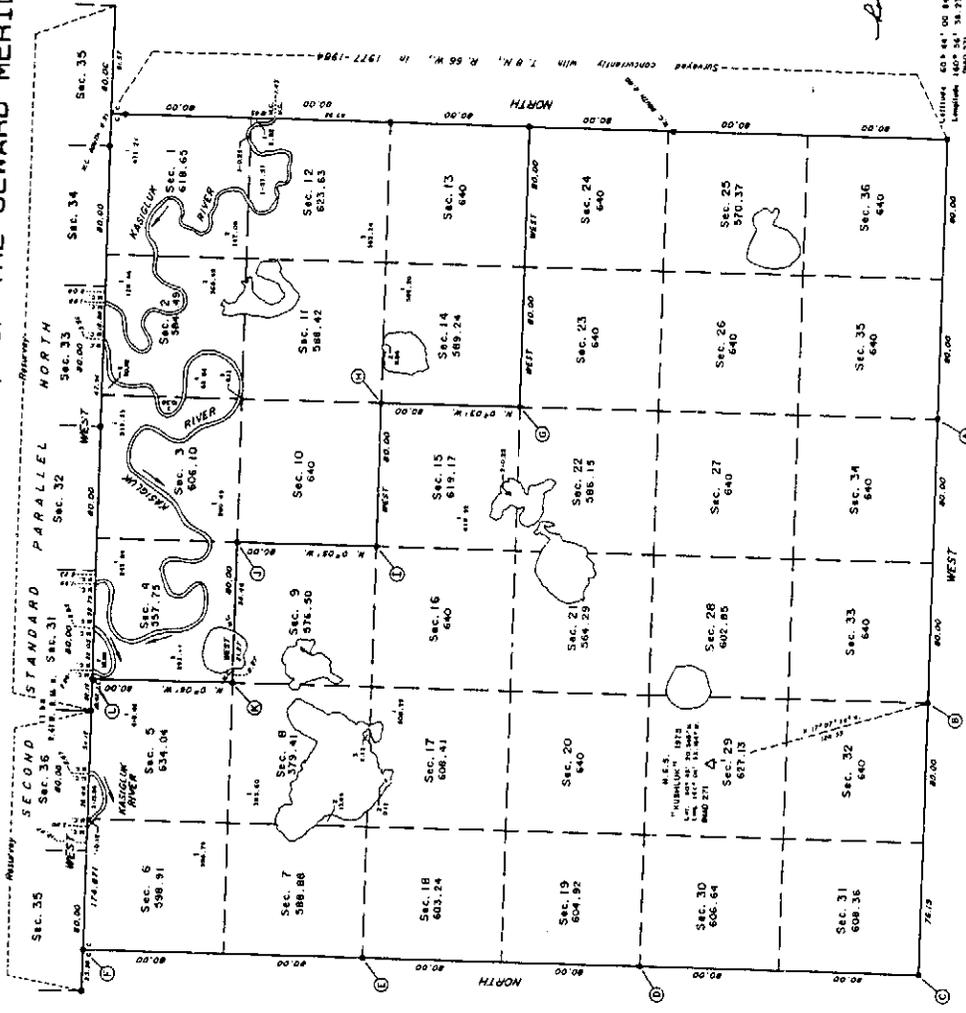
Lot 60°44'00.84"N
Long 160°56'38.23"W

Current TO: AYCP, FWS, BHL
Sew Mer
12-17-1999
T 8 N
R 67 W

Officially Filed
DATE JUNE 30, 1989

ORIGINAL

TOWNSHIP 8 NORTH, RANGE 67 WEST, OF THE SEWARD MERIDIAN, ALASKA



This plat and the field notes of the survey monumentation the meanders provide the entire survey record.

A portion of the Second Standard Parallel North through Range 67 West was surveyed by George P. Orvitt and Tommy A. Noble, Cadastral Surveyors, in 1977 and 1982.

This plat represents the recovery of a portion of the Second Standard Parallel North through Range 67 West and 67 East; and the survey of the subdivisional lines, boundaries, a portion of the 8 North, Range 67 West, Seward Meridian, and the location of the subdivisional lines of the this plat.

This survey was executed by George P. Orvitt and Richard T. McMillan, Cadastral Surveyors, May 9, 1977, through October 30, 1982, in accordance with the specifications set forth in the Alaska Geodetic Survey and the Alaska Geodetic Survey Instructions, 1973, Special Instructions for Alaska, Alaska, dated January 25, 1977, approved May 11, 1977, and Assignment Instructions dated May 11, 1977, and August 27, 1982.

Corner positions of this survey were determined by the Auto-Surveyor method, utilizing control stations established by the U.S. Coast and Geodetic Survey and the Alaska Geodetic Survey. Monuments were set at protracted points based on the official Bureau of Land Management protraction diagrams.

The mean magnetic declination shown on this plat was obtained from the U.S. Geological Survey quadrangle maps 742NCL (5-8) and (9-8), Alaska, 1954 editions.

The topography shown on this plat was obtained by the Auto-Surveyor method.

This survey encompasses all lands, including islands, islands, and other lands, shown on the ordinary high water which were in existence at the time of survey whether or not they are shown on this plat.

The average Herglass cones referred to in the field notes of the survey monumentation are 25 inches in diameter at the base, 4 inches diameter at the top, and 21 feet high.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This plat is strictly conformable to the approved field notes, and the same may be relied upon for the purposes of law and the regulations of this Bureau, is hereby accepted.

For the Director
Richard A. Chandler 19 JUNE 29 1989
Deputy State Director for Cadastral Survey,
Alaska

Latitude 63° 41' 00" 00" 84" N.
Longitude 160° 54' 38" 21" W.
Lambert Zone 211

10.0 10.20 10.40
CHAINS
Area Surveyed: 21,887.35 Acres

J.D.M.

SURVEYED TOWNSHIP 9 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

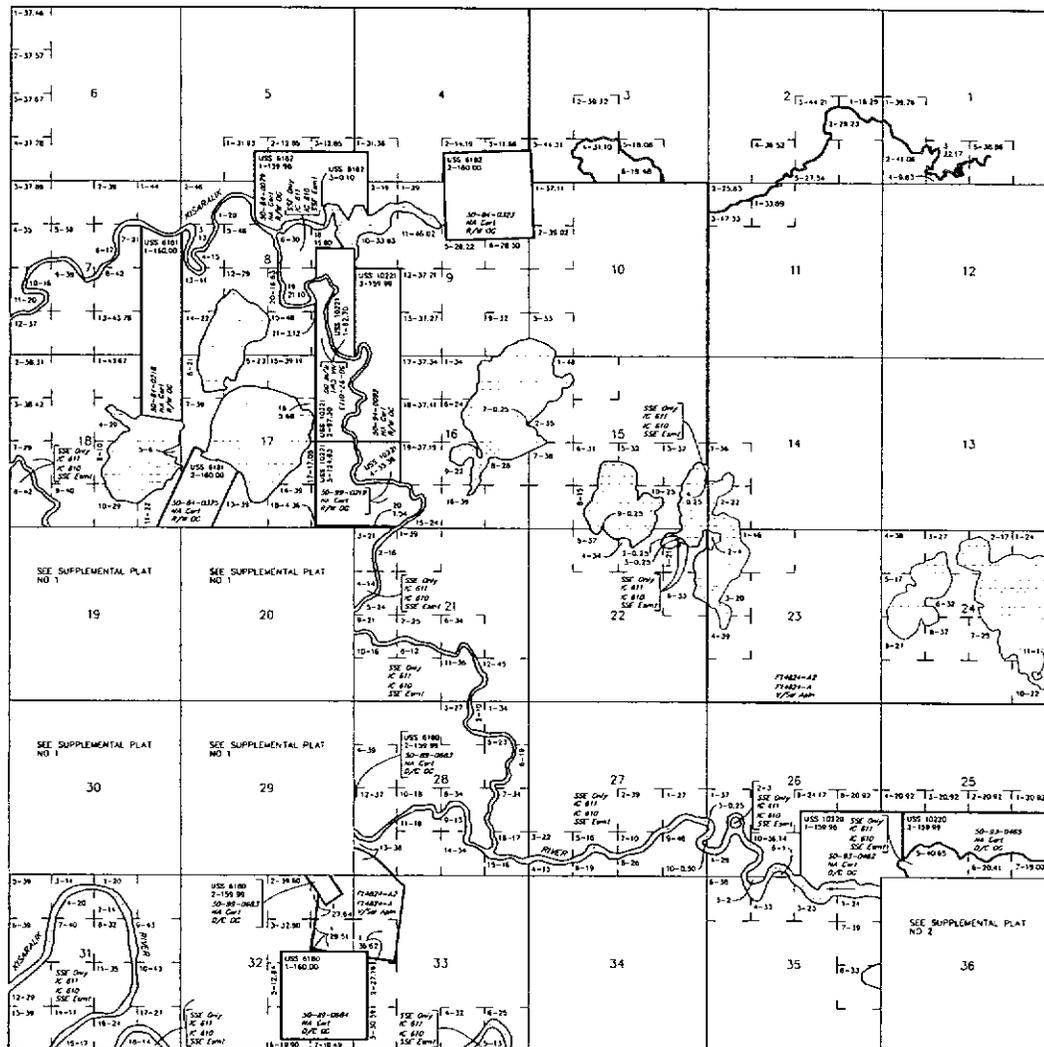
MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
DERTITLED LANDS WITHDRAWN FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

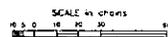
PL 92-203 MAP 11482A, LOS W/D 11482A-1, 11482A-2

PL 92-514 MAP 11482A, LOS W/D 11482A-1, 11482A-2

PL 96-487 MAP 11482A, LOS W/D 11482A-1, 11482A-2



Lot 60°49'12.81"N
60°49'12.81"W



WARNING:
This plat is the Bureau's Record of Title, and should be used
only as a general guide to the location of the land. The
Bureau does not warrant the accuracy of the data shown
herein, and does not reflect the changes which may have been
made by local governments or other public bodies of state
since the first publication of this plat.

CURRENT TO	See Map
10-13-2006	1 S.N.
	R 66 W

ACAD

Officially Filed
DATE August 30, 1984

ORIGINAL

Sheet 1 of 2 Sheets

TOWNSHIP 9 NORTH, RANGE 66 WEST, OF THE SEWARD MERIDIAN, ALASKA

This plat and the certificate contain the entire survey record.

This survey was executed by George P. Dieltz, Surveyor, in 1976 and 1977. The survey was conducted by Charles A. McIn, Jr., 1976, and Charles L. Johnson, 1977. The survey was conducted by Charles E. Alin, Jr., and Stephen G. Baird, Coastal Surveyors, in 1976.

This plat represents the survey of the Second Standard Parallel north on the south boundary, the east boundary, and a portion of the subdivisional line of Township 9 North, Range 66 West, Seward Meridian, Alaska.

This survey was executed by George P. Dieltz, Surveyor, in 1976 and 1977. The survey was conducted by Charles A. McIn, Jr., 1976, and Charles L. Johnson, 1977. The survey was conducted by Charles E. Alin, Jr., and Stephen G. Baird, Coastal Surveyors, in 1976.

This plat represents the survey of the Second Standard Parallel north on the south boundary, the east boundary, and a portion of the subdivisional line of Township 9 North, Range 66 West, Seward Meridian, Alaska.

Corner positions of this survey were determined by Auto-Surveyer method utilizing control stations established by the Alaska Department of Natural Resources in accordance with the specifications set forth in the Alaska Department of Natural Resources Surveying Instructions for Alaska, 1975, and the Alaska Department of Natural Resources Surveying Instructions for Alaska, 1976, approved August 26, 1975, and August 26, 1976.

Corner positions of this survey were determined by Auto-Surveyer method utilizing control stations established by the Alaska Department of Natural Resources in accordance with the specifications set forth in the Alaska Department of Natural Resources Surveying Instructions for Alaska, 1975, and the Alaska Department of Natural Resources Surveying Instructions for Alaska, 1976, approved August 26, 1975, and August 26, 1976.

The hydrography shown on this plat was obtained by Auto-Surveyer method and from color infrared and black and white photographs that were taken from the National Aeronautics and Space Administration's National Aeronautics and Space Administration for the Bureau of Land Management projection diagrams.

This survey encompasses all lands, including islands, islets, and rocks above the line of mean high water which were in existence at the time of survey whether or not they are shown on this plat.

The hydrography shown on this plat was obtained by Auto-Surveyer method and from color infrared and black and white photographs that were taken from the National Aeronautics and Space Administration for the Bureau of Land Management projection diagrams.

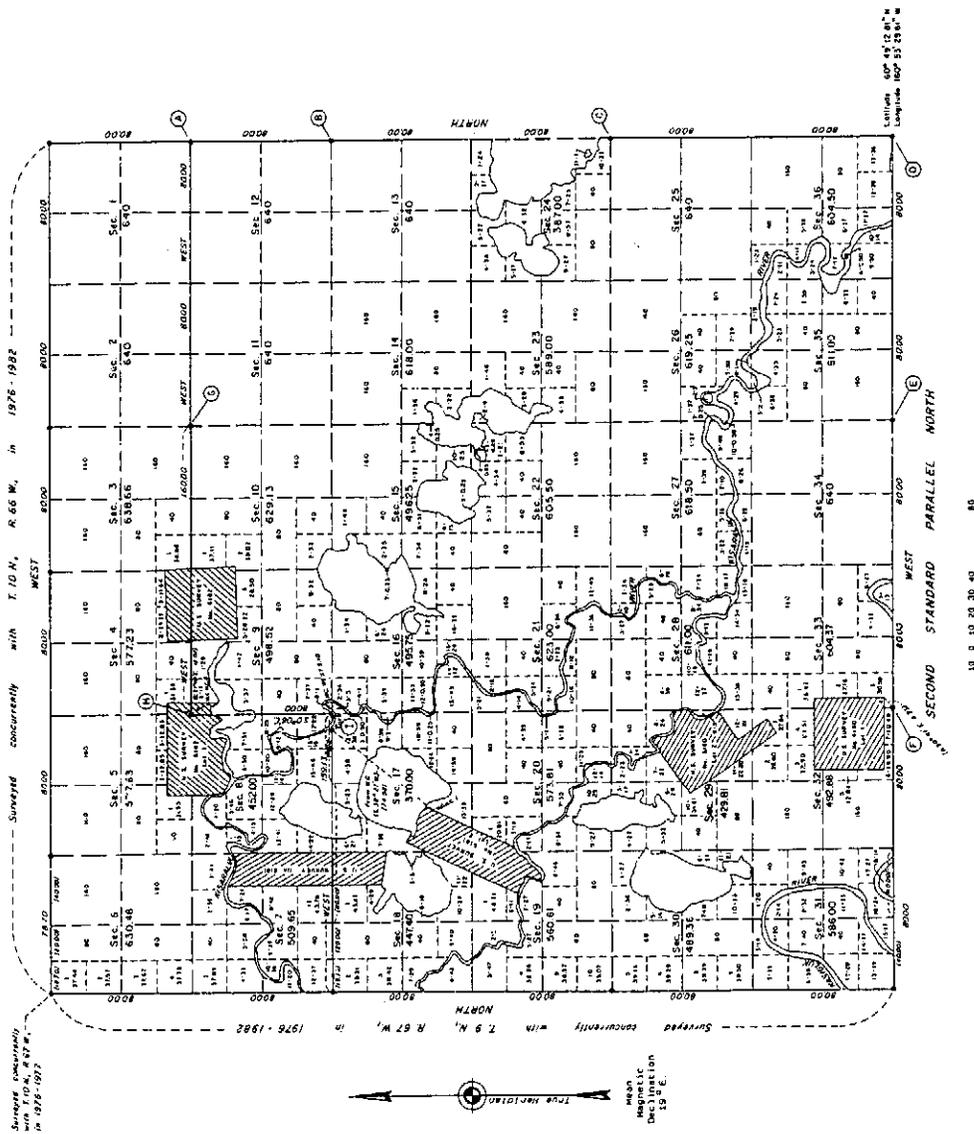
The mean magnetic declination shown on this plat was obtained from U.S. Geological Survey quadrangle map "BETHEL (8-6)", Alaska, 1954 edition.

The gauge fiberglass cones referred to on this plat are 25 inches diameter at the base, 4 inches diameter at the top, and 24 inches high.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

The survey represented by this plat, being here-
correctly executed in accordance with the
requirements of law and the regulations of this
Bureau, is hereby accepted.

For the Director
James D. H. [Signature]
Deputy State Director for Coastal Survey,
Alaska



Area Surveyed: 20,400.00 acres.

Scale: 1" = 40 CHAINS

Legend:
 * ALUM ROL, 1/4 IN. DIA., WITH ALUM CAP
 O CORNERED MOD. 3/4 IN. DIA., WITH BRASS CAP

See memo 3614 (1921) Cr. 258, A.K.
 memo 4647 (1928) approved Oct/
 18/78. The land given in this plat
 is subject to the same conditions as
 the correct one as 438.30 acres for
 the 1921 and 1928. See also for the
 survey.

C. B. P.

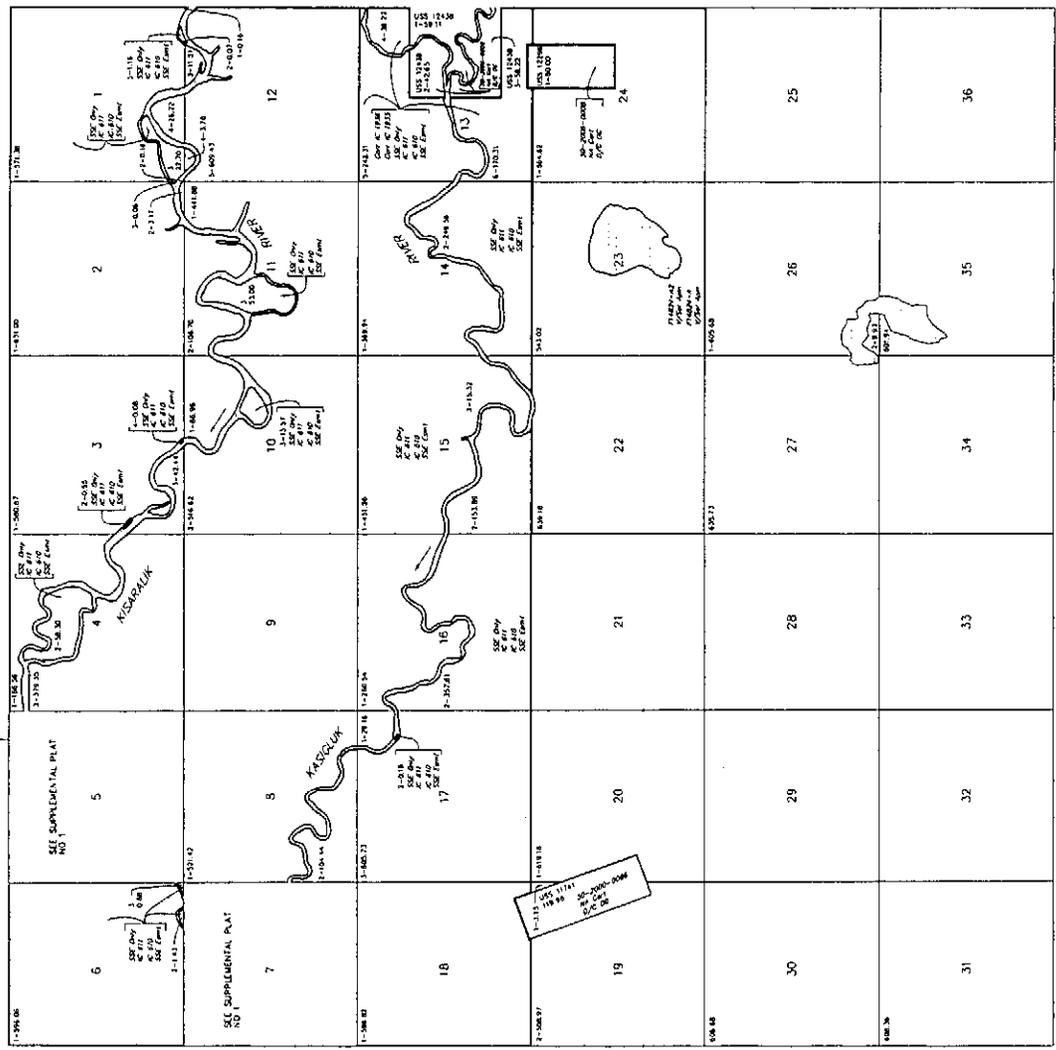
SURVEYED TOWNSHIP 8 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
ACQUIRED LANDS WITHIN OR FOR CLASSIFICATION
AND RECLASSIFICATION OF PUBLIC PROPERTY
REFER TO BOOK OF INDEMNITY DOCUMENTS.

REG. 2154 REG. D. (Hatch) 1/24/2015 USE (changed)
REG. 96-407 REG. 1/24/2015 (Hatch) 1/24/2015
REG. 92-303 REG. 1/24/2015 (Hatch) 1/24/2015



Lat 65° 42' 00.00\"/>

PROJECT ID:	9-19-2006
DATE:	11-28-06

ACAD

THIS MAP WAS PREPARED BY THE BUREAU OF LAND MANAGEMENT, U.S. DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. FOR THE ALASKA DEPARTMENT OF NATURAL RESOURCES, FAIRBANKS, ALASKA. THE BUREAU OF LAND MANAGEMENT IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY APPEAR HEREIN.

SURVEYED TOWNSHIP 8 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

**MTP
SUPPL SECS 5 & 7**

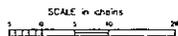
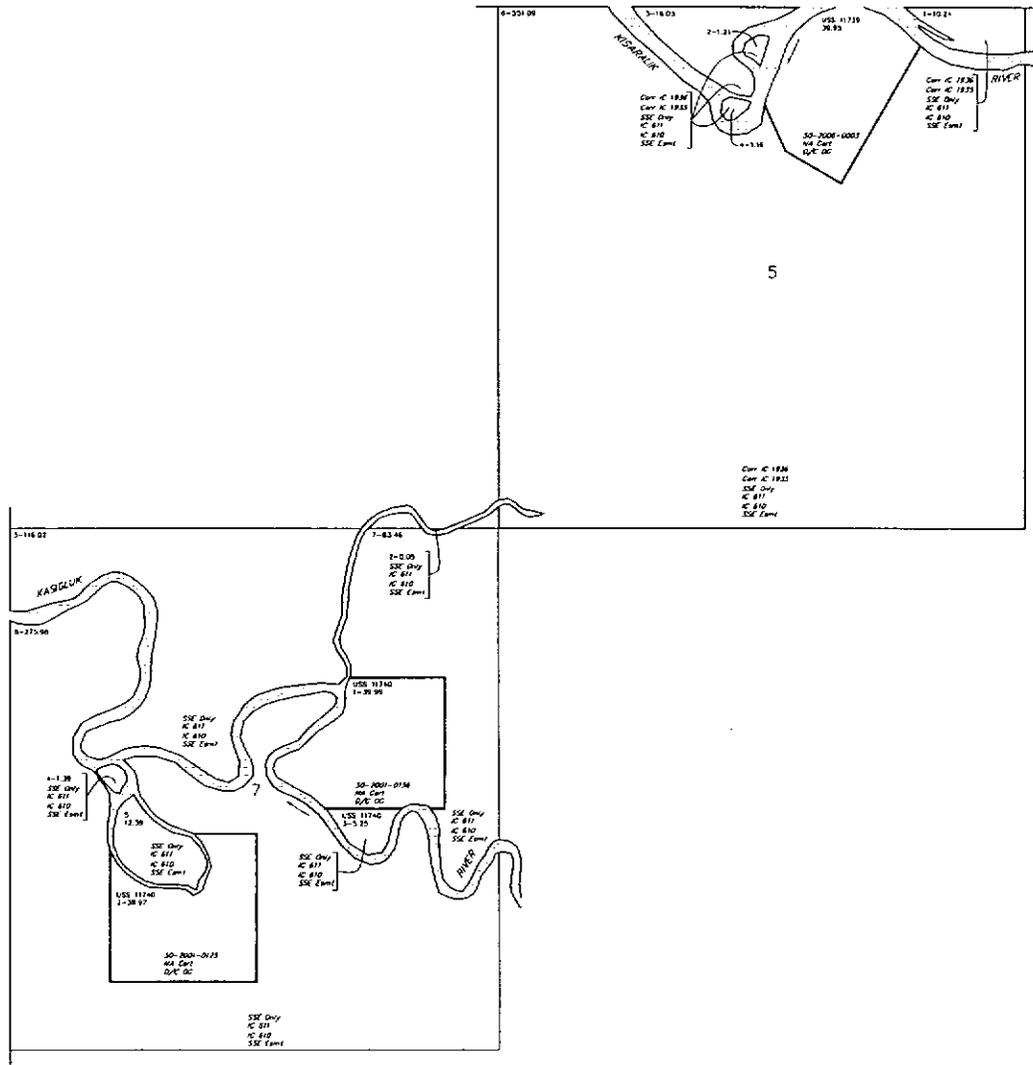
NO 1

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PLD 3184 and CI affects Lays/Intervents not conveyed

PL 86-607 and Yukon Delta NWR public Lp

PL 92-203 and 114824 Lays N/A 114824-A 114824-A2

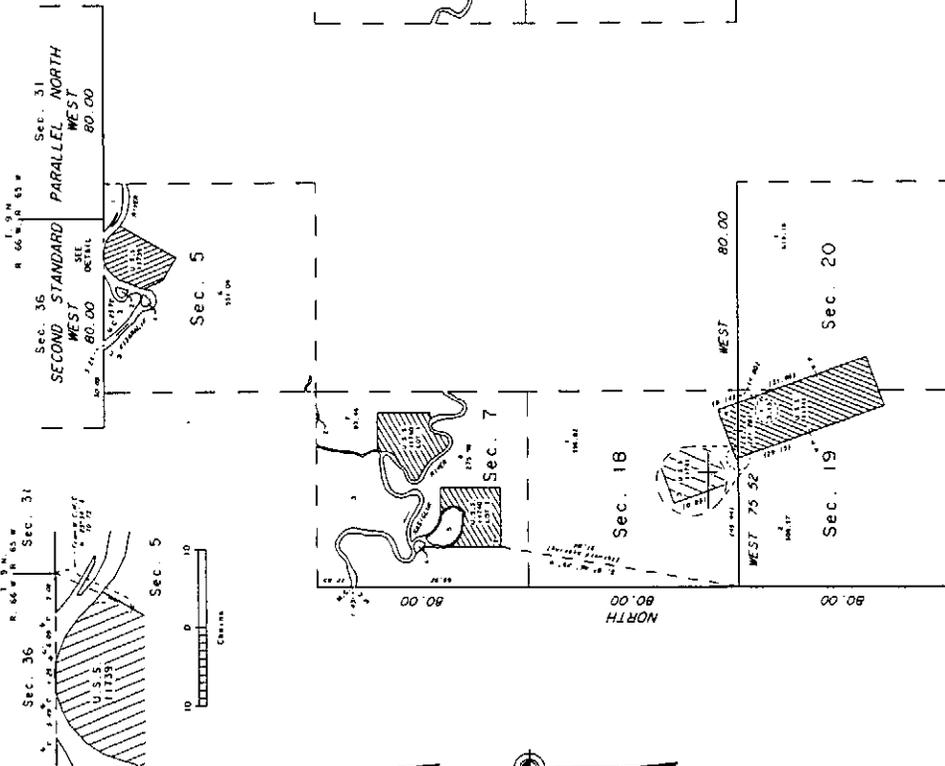


WARNING
This plan is the Bureau's Record on File, and should be used
only as a graphic display of the township survey and not
withstanding the fact that the original survey data may have
been affected by natural movements of rivers or other bodies of water.
Refer to the applicable reports for official survey information.

CURRENT TO		NO 1
9-29-2006		Sew Mer
		T 8 N
		R 86 W
		ACAD

TOWNSHIP 8 NORTH, RANGE 66 WEST, OF THE SEWARD MERIDIAN, ALASKA
SUPPLEMENTAL PLAT

DETAIL



This supplemental plat of Township 8 North, Range 66 West, Seward Meridian, Alaska, shows amended lotting created by the segregation of U.S. survey Nos. 11739, 11740, 11741, 12296 and 12439, Alaska. These revisions are based upon official survey records; the plat of Township 8 North, Range 66 West, Seward Meridian, Alaska, accepted by the State of Alaska on June 14, 2000; the plat of U.S. Survey Nos. 11740, 11741, 12296 and 12439, Alaska accepted June 7, 1999.

Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 5(s) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

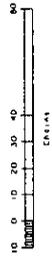
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This supplemental plat is based upon the official records, and having been correctly prepared in accordance with the regulations of this Bureau, is hereby accepted.

For the Director

John Smith
Date 10/3/2006

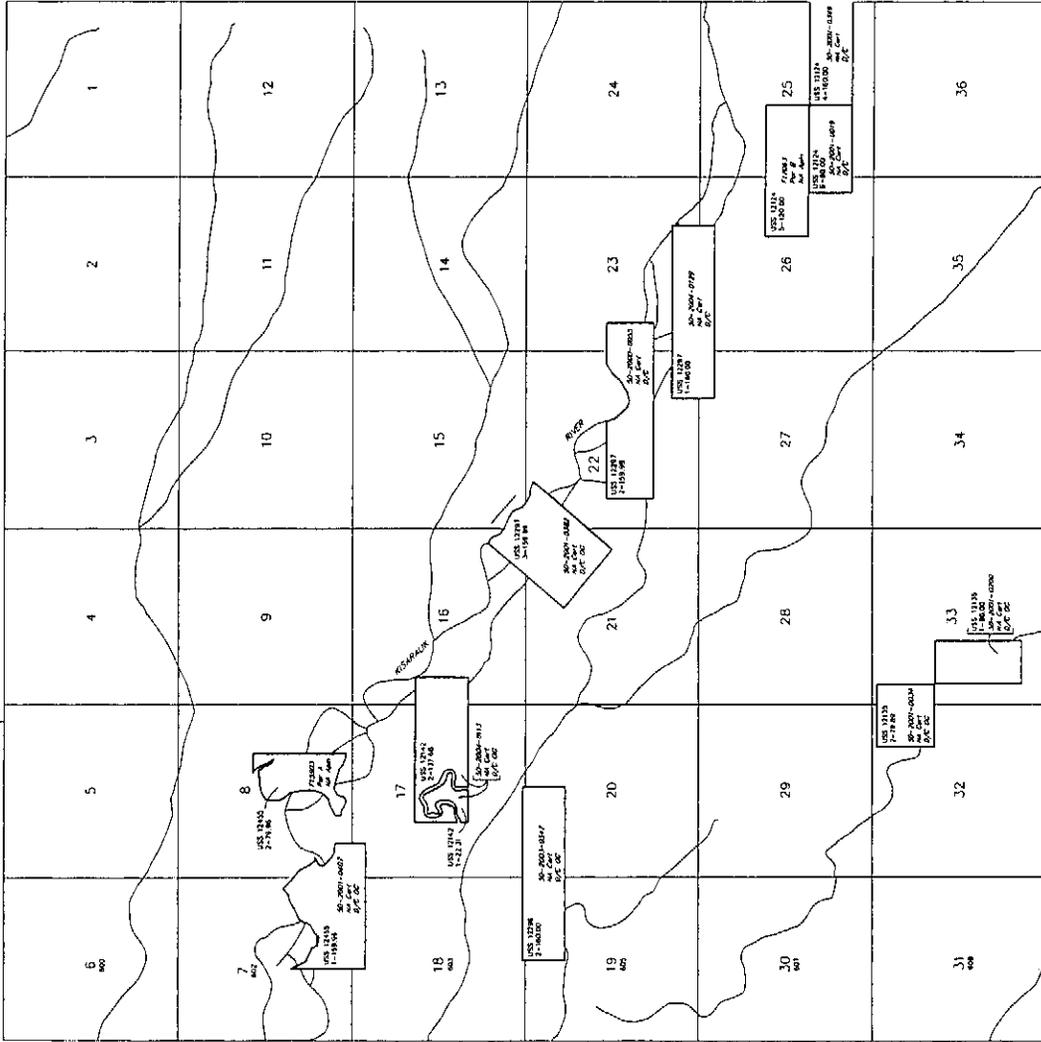
Deputy State Director for Cadastral Survey,
Alaska



UNSURVEYED TOWNSHIP 8 NORTH RANGE 65 WEST OF THE SEWARD MERIDIAN, ALASKA

PRODUCTION DIAGRAM NO. 55-9 ORIGINALLY FILED 6/23/1953

R 65W R 64W
T 8N



Lat 60 44 00 841 N
Long 150 33 34 227 W

SCALE IN FEET
0 10 20 30

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STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR OWNERS EFFECTING DISPOSAL OR USE OF UN-
CLASSIFIED LANDS WITHIN FOR CLASSIFICATION
APPROVALS, MAPS AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

ALSO SEE MAP OF PUBLIC INTEREST, OFFICE OF LAND
MANAGEMENT

75 305-487 MAP SHOWS DATA FROM OFFICE 36

CURRENT ID	See Map
5-13-2004	1
	R - 65 W

UNSURVEYED TOWNSHIP 7 NORTH RANGE 65 WEST OF THE SEWARD MERIDIAN, ALASKA

PROJECTION DIAGRAM NO. 59-9 OFFICIALLY FILED 05/29/1959

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

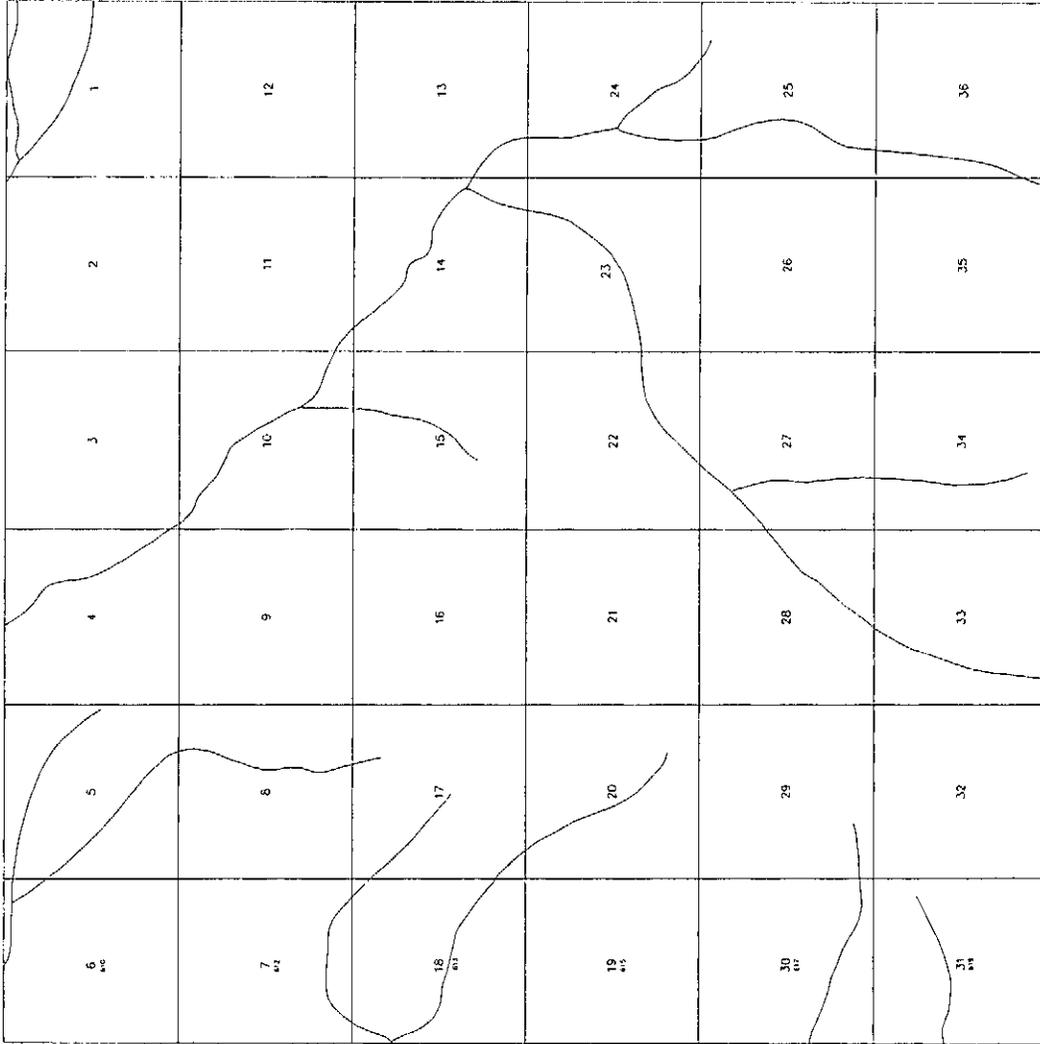
MTP

FOR CHECKS CONCERNING DISPOSITION OF USE OF UN-
RECOVERED LANDS MANUALLY FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO BOOKS OF MISCELLANEOUS DOCUMENTS

PLD 5189 Map of Alaska, Mineral Rights, (1954/1955)

1951 Contour

PL 35-487 Map of Alaska, North Range 65



Lat: 60°30'48.959" N
Long: 160°35'14.227" W



WARNING: This diagram is a projection of the actual terrain. It is not a true representation of the terrain. The projection is based on the Alaska Albers Equal Area Conic Projection. The projection is not a true representation of the terrain. The projection is based on the Alaska Albers Equal Area Conic Projection.

CURRENT TO	FWS, ANCP	See Map
	11-6-2023	T-7-21
		R-65-R

ACAD

UNSURVEYED TOWNSHIP 7 NORTH RANGE 64 WEST OF THE SEWARD MERIDIAN, ALASKA

PROTRACTION DIAGRAM NO. 510-12 OFFICIALLY FILED 7/27/1959

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHIN OR FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

FILE 5184 INT. CL. & Public Interest affects 1/25/1962

NOT COMPLETED

AL 89-462 Map Section Data MNR, Alaska DP



Lat 66°30'48.869"N
Long 160°25'02.223"W

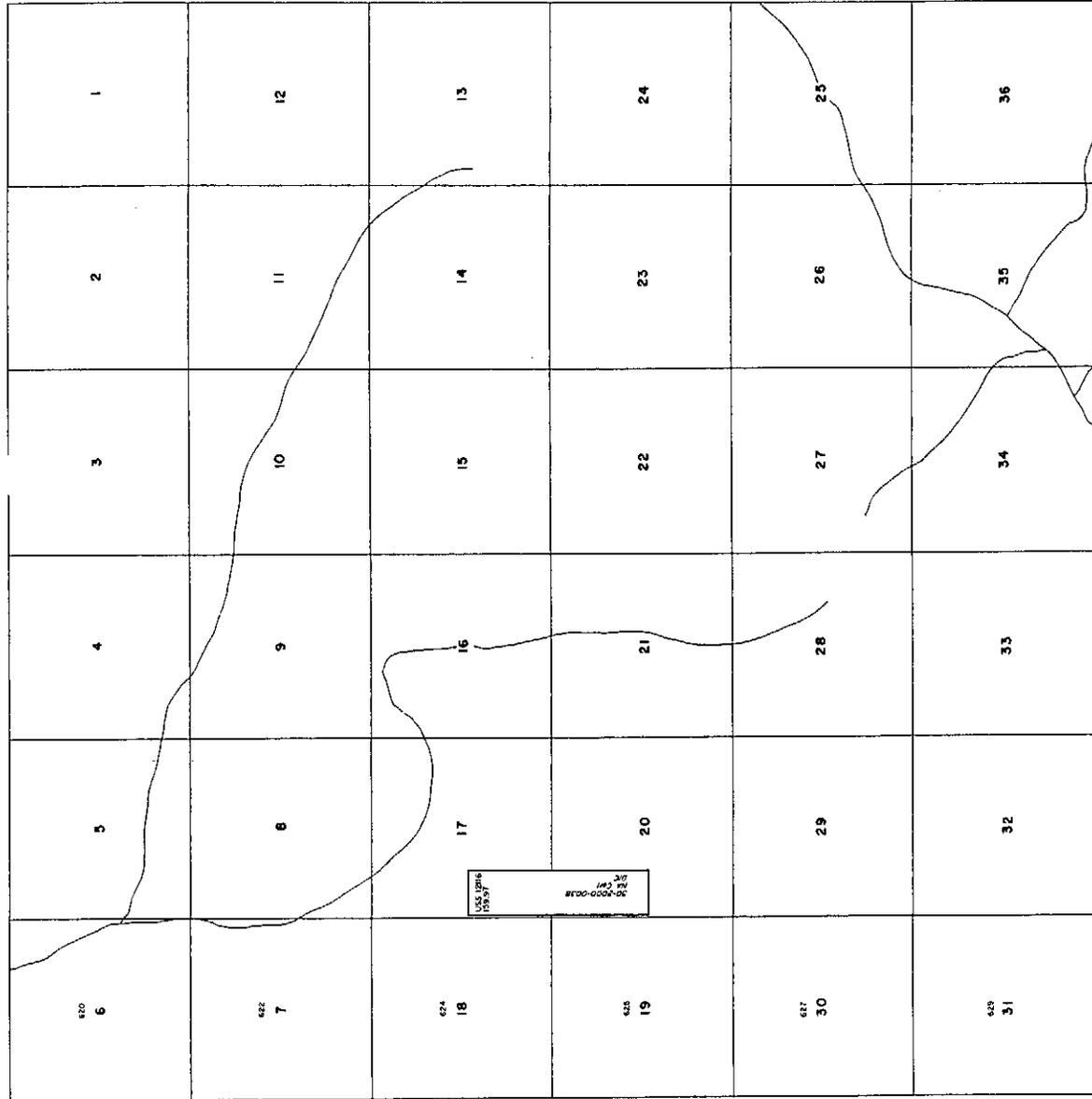
SCALE in chains
0 10 20 30 40 50

WARNING:
This map is the property of the U.S. Geological Survey and should not be used
for any purpose other than that for which it was prepared. It is not to be
reproduced or transmitted in any form or by any means, electronic, mechanical,
photocopying, recording, or by any information storage and retrieval system,
without the written permission of the Chief of the Geological Survey.

CURRENT TO	F.W.S. OF L.	See Mer
3-76-2000		T 7 N
		R 64 W

UNSURVEYED TOWNSHIP 6 NORTH RANGE 64 WEST OF THE SEWARD MERIDIAN, ALASKA

PROJECTION DIAGRAM NO 50-12 OFFICIALLY FILED 7/27/1955



Lat. 60°33'36.8937"N
Long. 160°25'02.2237"W



WARNING: THIS IS THE BUREAU RECORD OF TITLE AND SHOULD BE USED AS A GUIDE ONLY. IT IS NOT A GUARANTEE OF TITLE. RECORDS HEREON DO NOT REFLECT TITLE CHANGES WHICH MAY HAVE BEEN MADE SINCE THE DATE OF THE ORIGINAL SURVEY FOR OFFICIAL INFORMATION.

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

INDEX TO SEGREGATED TRACTS	
RESERVE	ORIGINAL SURVEY
TRACT NO.	T R SEC SUBDIVISION

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-IDENTIFIED LANDS WITHIN RANGE FOR CLASSIFICATION MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.
P.O. 5190 W.G. C.E. Public Mineral Rights Administration
Alaska
PL 916-487 W.G. Tatham (Title) M.M. White Jr.

CURRENT TO	Saw Mer
5-9-2000	T GN
	R EGW



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Alaska State Office

222 West Seventh Avenue, #13

Anchorage, Alaska 99513-7599

<http://www.ak.blm.gov>



**Kasigluk River
Interim Summary Report
Attachment 24**

F-14824-EE (75.04)

F-14824-A (2651)

F-14824-A2 (2651)

(961) drb/sla

4411/6
JAN 25 2006

Memorandum

To: Chief, Branch of Adjudication II (964)

From: Easement Coordinator

Subject: Final Easement Memorandum for Lands to be Patented Kokarmuit Corporation for the Village of Akiak

The strategic plan and annual work plan require we identify easements on lands selected by the Kokarmuit Corporation for the Village of Akiak. The following are the final easement recommendations. Of these recommendations, my decision is as follows for the lands described below. No further easement review prior to issuing patent is necessary.

Seward Meridian

T. 8 N., R. 66 W.
Secs. 22, 23 and 24.

T. 9 N., R. 65 W.
Sec. 19;
Secs. 25, 26, 27 and 28;
Secs. 33, 34, 35 and 36.

T. 9 N., R. 66 W.
Secs. 1, 2, 3, 11, 12, 13, 14, 23 and 24.

T. 10 N., R. 66 W.
Secs. 3, 10, 15, 22, 27 and 34.

T. 11 N., R. 67 W.
Secs. 14 and 15;

Secs. 22, 23, 26, 27, 34 and 35.

T. 11 N., R. 68 W.
Sec. 12.

MAJOR WATERWAYS:

The Kasigluk River and Gweek River have been determined to be major water bodies.

ALLOWABLE USES:

All easements are subject to applicable Federal, State or Municipal Corporation regulations. The following is a listing of uses allowed for each type of easement identified. Any uses which are not specifically listed are prohibited.

25-Foot Trail – The uses allowed on a twenty-five (25) foot wide trail easement are: travel by foot, dogsleds, animals, snowmobiles, two- and three-wheeled vehicles and small all-terrain vehicles (ATV's) (less than 3,000 lbs. Gross Vehicle Weight (GVW)).

One Acre Site – The uses allowed on a site easement are: vehicle parking (e.g., aircraft, boats, all-terrain vehicles (ATV's), snowmobiles, cars, and trucks), temporary camping, and loading or unloading. Temporary camping, loading, or unloading shall be limited to 24 hours.

EASEMENTS TO BE RESERVED:

- a. (EIN 14a C5) An easement twenty-five (25) feet in width for a proposed access trail from site EIN 14 C5 located in Sec. 1, T. 10 N., R. 67 W., Seward Meridian, northwesterly and northerly to public lands. The uses allowed are those listed above for a twenty-five (25) foot wide trail easement.

Discussion: This proposed trail will provide continued access to public lands isolated by the selection pattern. This proposed trail is a continuation of EIN 14a C5 reserved in IC No. 610 to Kokarmuit Corporation on December 22, 1982.

- b. (EIN 15 C4, D9) A one (1) acre site easement upland of the ordinary high water mark in Sec. 12, T. 11 N., R. 68 W., Seward Meridian on the left bank of the Gweek River. The uses allowed are those listed above for a one (1) acre site easement.

Discussion: This site easement is necessary to provide continued public use of this major waterway and to facilitate travel to public lands and waters beyond. This site easement will provide a resting stop and overnight camping area for those travelers using the Gweek River.

EASEMENTS CONSIDERED BUT NOT RECOMMENDED:

- a. (EIN 20 D9) A one (1) acre site easement located in Sec. 22, T. 8 N., R. 66 W., Seward Meridian on the left bank of the Kasigluk River.

Discussion: This one (1) acre site is not being recommended because it is only 2½ miles from public land. A better location for a site easement would be further downstream from this location on conveyed land.

- b. (EIN 21 D1) A one (1) acre site easement located in Sec. 24, T. 9 N., R. 66 W., Seward Meridian. The site is situated on the eastern shore of an unnamed lake.

Discussion: This one (1) acre site easement is not being recommended because the location is less than a mile from public land.

- c. (EIN 22 D1) A one (1) acre site easement on the north side of an unnamed lake located in Sec. 22, T. 10 N., R. 66 W., Seward Meridian.

Discussion: This one (1) acre site easement is not being recommended because the location is less than a mile from public land.

- d. (EIN 23 D1) A one (1) acre site easement on the south side of an unnamed lake located in Sec. 35, T. 11 N., R. 67 W., Seward Meridian.

Discussion: This one (1) acre site easement is not being recommended because it is not needed as part of a transportation route.

- e. (EIN 24 D1) An easement twenty-five (25) feet in width for a proposed access trail from site EIN 23 D1 located in Sec. 35, T. 11 N., R. 67 W., Seward Meridian, southeasterly to Sec. 1, T. 10 N., R. 67 W., Seward Meridian.

Discussion: This twenty-five (25) foot wide proposed trail easement from site EIN 23 D1 is not being recommended because proposed trail EIN 14a C5 is already being recommended for extension to public lands.

EASEMENT MAPS:

The easement maps reflect the current status of easements. Only those easements recommended for inclusion in the conveyance document are shown on the easement maps.

/s/ KJ Mushovic

Attachment:

Easement Quads: Bethel D-5, D-6
Russian Mission A-6, A-7

Copy furnished to: (w/attachment)

Kokarmuit Corporation
Attn: Land Department
P.O. Box 195
Akiak, Alaska 99552-9999

Calista Corporation
Attn: Land Department
301 Calista Court, Suite A
Anchorage, Alaska 99518-3028

State of Alaska
Department of Fish and Game
Division of Sport Fish
Attn: Robin Willis
333 Raspberry Road
Anchorage, Alaska 99518-1599

State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Sandra J. Singer, Realty Services Section
550 West Seventh Avenue, Suite 1050A
Anchorage, Alaska 99501-3579

U.S. Fish and Wildlife Service
Division of Realty, Mail Stop 211
Chief, Branch of Operations
1011 East Tudor Road
Anchorage, Alaska 99503

U.S. Fish and Wildlife Service
Refuge Manager
Yukon Delta National Wildlife Refuge
P.O. Box 346
Bethel, Alaska 99559

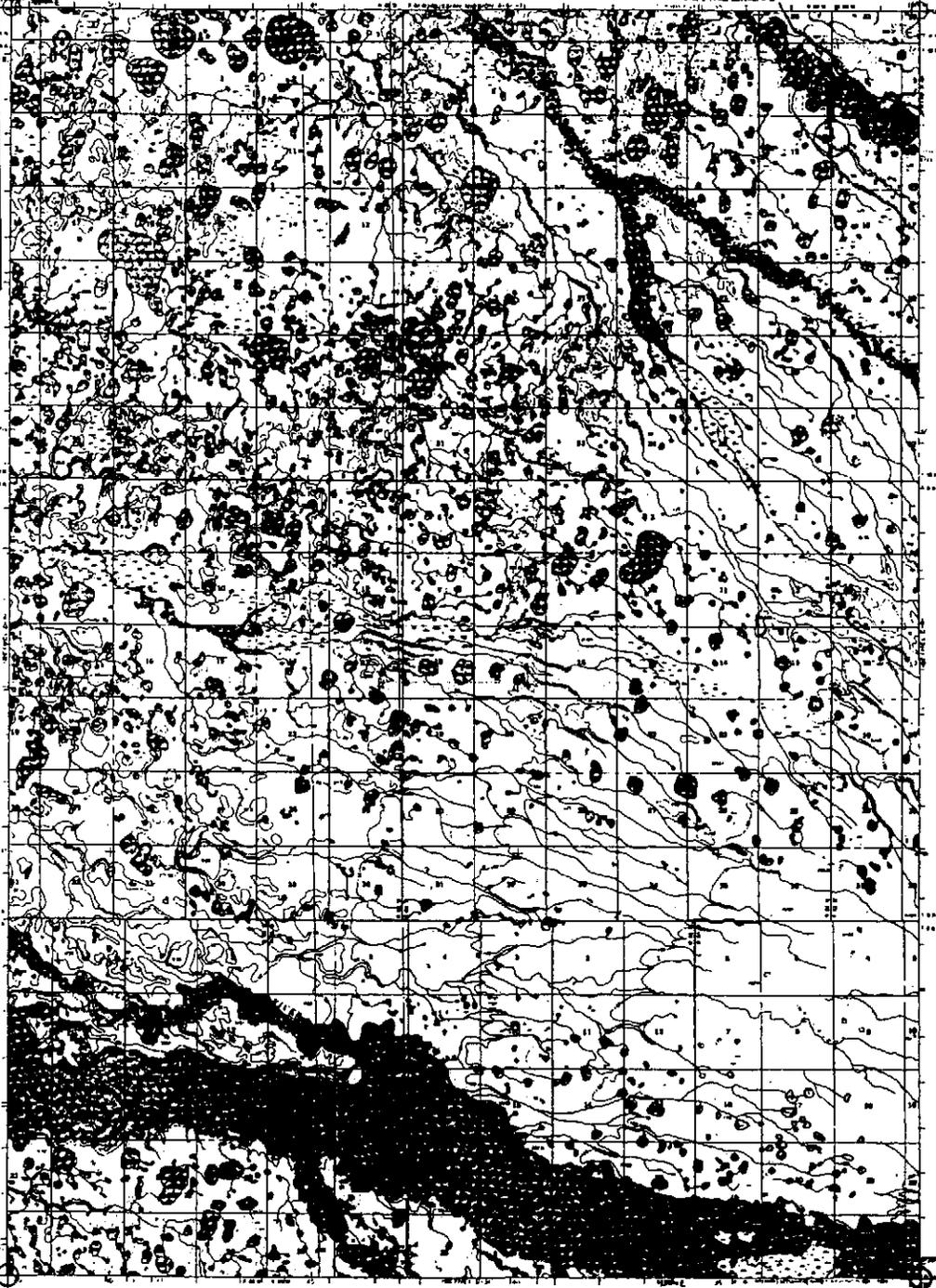
Anchorage Field Manager (040)

Easement Reading File (961)

WASHER	DATE	INITIALS
7/1/78	7/5/78	

1 Pending determination of tidal influence
 Unconsolidated sands, silt, and clay deposits
 of 10' or less thickness in 3' water, under low water

NOTES	
EXPLANATION	
CONTOUR	



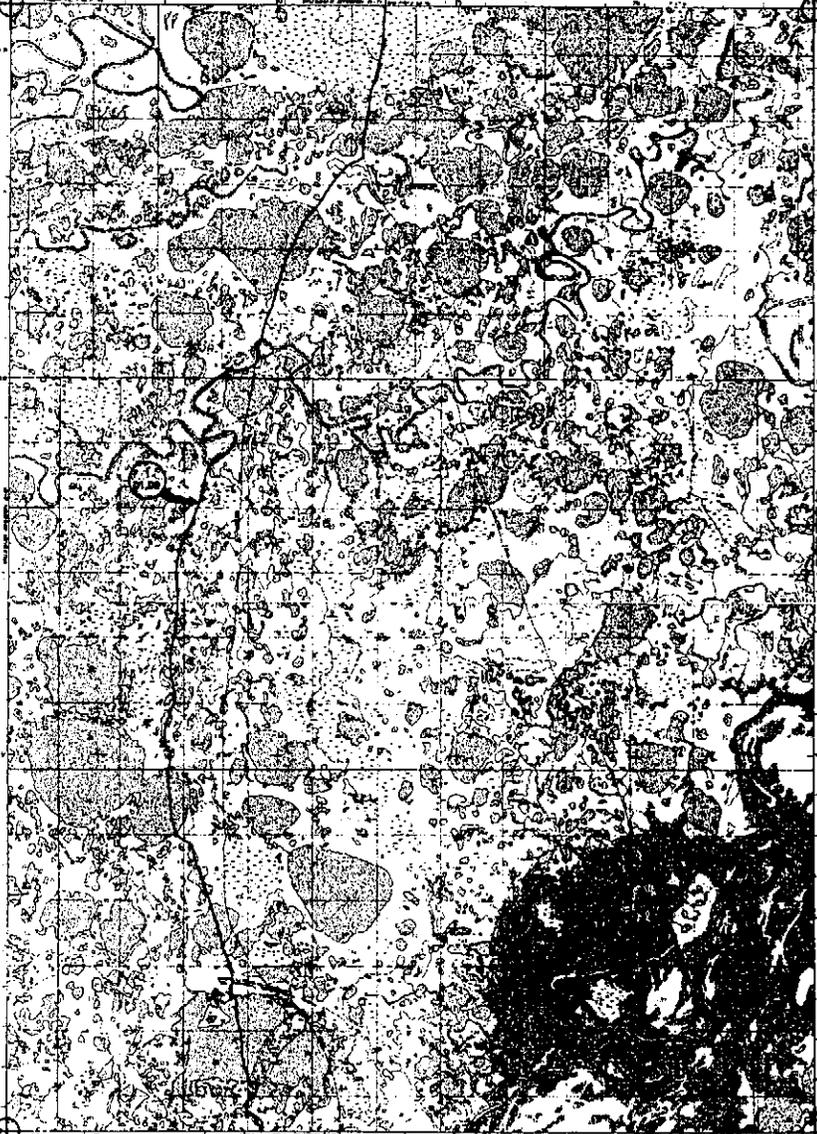
Checked by
 2/17/78
 B.S.D.

UNITED STATES GEOLOGICAL SURVEY
 WASHINGTON, D.C. 20508

7100-10-73-10-73

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RUBEN MIBSON (A-7) GLACIAROLE
ALASKA
1:50,000 (1:50,000)



Approved by the Chief of the Survey
for publication as a Geological Survey
Chart in USGS Bulletin 1000
by authority of the Director, Geological
Survey, Department of the Interior
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permission of the U.S. Geological Survey.



SCALE 1:50,000



Rubens Mibson A-7
RUBEN MIBSON (A-7) ALASKA
1:50,000 (1:50,000)

Current To Date 1-23-2008



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99513-7599

**Kasigluk River
Interim Summary Report
Attachment 25**

9600 (924)
Bethel FY98
F17018 (2561)¹

October 30, 1997

Memorandum

To: FF-14883-A (75.4)

From: Laura Lagstrom, Navigability Section AK924

Subject: Interviews for selected lands on the Right Bank Tributary of the Kasigluk River whose mouth is located in Sec. 13., T. 8N., R. 66 W., SM., and its Right Bank Tributary whose mouth is located in Sec. 17, T. 8N., R. 65 W., SM., and for selected lands on the Kasigluk River

Right Bank Tributary of the Kasigluk River

The Kwethluk residents refer to this unnamed stream as "Chicoyuiluk River" which in the Yu'pik dialect means "The River that Never Freezes." The headwaters of this stream are located in the foothills of T. 7 N., Rs. 64-65 W., SM., and its effluent into the Kasigluk River is located in Sec. 13., T. 8N., R. 66 W., SM. It is about 10 miles in length. The stream receives overflow water from the Kisaralik River in Sec. 17, T. 8N., R. 65 W. On the USGS map it appears to be a double lined continuation of the Kasigluk River.

The first of seven Native allotments that straddle the Chicoyuiluk River is located three miles upstream near the center of Sec 17., T. 8N., R. 65W., SM. It belongs to Elizabeth Howard. The casefile states the applicant reaches her allotment by boat in the spring and summer to fish, hunt, trap and pick berries. The photos in the Native allotment case file indicate that the Chicoyuiluk is sufficiently wide and unobstructed to allow navigation by small boats. The infrared aerials also show an open, unobstructed stream about 25'-30' in width. Within her allotment, there is a right bank stream, double lined on the USGS map, that a Kwethluk resident said leads to a small lake; additionally, there is a small stream from the Kisaralik located near her allotment

May 19, 1997

Richard Lewis Long (907) 757-6216, Tribal Officer with the Organized Village of Kwethluk, has an allotment that straddles the Chicoyuiluk River near mile seven in Sec. 22., T. 8 N., R. 65

¹File in F17100, F17062, F16917, F16013

W. He owns a 18' Lund with a 40-horsepower propeller motor which he uses to subsistence hunt and fish in this area. His load normally includes another person, extra gas and food and camping gear for a week; with a dressed out moose or caribou, this is more than 1,000 pounds. Last September 1996, Richard said the river was low or about two-three feet deep and he could only get about half way through his allotment before beaver dams and overhanging willows and trees obstructed passage. He said one could get to his allotment during the summer also but this would take a lot of effort. In the spring, near the middle of May, the snow melt from the surrounding hills causes the stream to rise to 5'-7' deep. The pictures from the field exam conducted July 23, 1974 show a small placid dark stream with heavily vegetated banks. Flooding is evident along the banks of this stream. High water conditions last a week to ten days.

May 20, 1997

Moses Nicolai (907) 757-6528, President of the IRA Council for Kwethluk, said he boats the Chicoyuilnuk every year during the spring, summer and fall. Last fall he went moose hunting with a 22' Monson with 50 and 70 horsepower motors. He carried a 12' skiff in his boat so he could go past James Guy's Native allotment in Section 26 of T. 8 N., R. 65 W., SM. He said the river never freezes and that is what the name means. It is about 3'-4' deep with deeper holes.

May 20, 1997

James Guy's (907) 757-6312 wife answered and said James is at a meeting and to call tomorrow morning at 10 a.m.. She said they have not gone hunting for at least 6-7 years after James was in the hospital. The last time they went up to their allotments was in August several years ago. They have small and big aluminum boats, but she didn't know the sizes. She said the river became very shallow that they had to pull the boat to his allotment.

May 21, 1997

James Guy (907) 757-6312 said he uses a 18' Lund with a 40-horsepower motor to go hunting and fishing. James said they're lots of beaver dams in this area. He goes moose and caribou hunting in the fall after the fall rains. He said this deeper water can last from two days to one week.

Ray Guy (907) 757-6312, son of James Guy, said he has been up to his father's Native Allotment for trout fishing and moose hunting. In July the water is about 6'-7' deep. When the river is shallow, it is about 2' or more and high water conditions are 5'-6' deep. He used a 18' Lund with a 40-Horsepower propeller motor. He said if there is no rain, he has to pull and push to get past his dad's allotment.

June 4, 1997

Richard Long (907) 757-6216, Tribal Officer with the Organized Village of Kwethluk, said he sport fishes this area in July for salmon, trout and dolly varden. He said during September the river is about 15' wide and about 8'-15' deep. He has been past James and Maggie Guy's allotments in Sec. 25, T. 8N., R. 65 W., SM.

Moses Nicolai said the right bank stream within Elizabeth Howard's Native Allotment goes to a small lake that people do not go to. He said the Chicoyuilnuk goes to the foothills or to the end of James Guy's Native Allotment. One can reach this area during periods of high water which depends on the amount of rainfall and lasts maybe a week. The water rises quickly and falls just as quickly.

July 2, 1997

James Guy (907) 757-6312 said he has not been able to hunt since his stroke in 1990. When he was younger, he used to boat the "portage" to the Kisarialik in Sec. 17., T. 8N., R. 65 W., SM. during periods of high water, however, the banks were dense with overhanging willows. His son Ray said the portage isn't used anymore because the water is too low and there are too many willows blocking passage.

James Guy and his wife have allotments within Sec. 25, T. 8N., R. 65 W., SM at mile 8.5 and 9 respectively on the Chicoyuilnuk. James said before he got married in 1968, he used to use a 24' plywood boat with a 25-horsepower motor. In the fall the water was always deep enough for him to reach his allotment, but because of the increased beaver population that has dammed the small side streams that feed into the Chicoyuilnuk, the allotments are now inaccessible except during periods of high water. High water conditions last about a week; in places the stream is about 1'-2' deep during the summer.

July 2, 1997

Ray Guy (907) 757-6554 said the Chicoyuilnuk is about 16'-18' wide around Elizabeth Howard's allotment. He hunts for moose and caribou every fall with his 18' aluminum Lund with a 40-horsepower Yamaha propeller motor. Shallow water is about 1 1/2' - 3' deep and high water is about 4' - 5' deep. With a light rain, the stream can stay high for about one week; with heavy rain it can stay high for three weeks. Last year he almost got stranded in his 18' Lund with a 40-horsepower propeller motor and was touching bottom as he was leaving the area. He said the stream is deeper from the mouth of Chicoyuilnuk to about a mile beyond Elizabeth Howard's allotment. Ray said the stream to Kisarialik near Elizabeth Howard's place is closed because of the overhanging and overgrown willows and trees. He tried twice last year, once in the spring and once in the fall but he couldn't get through either time. The water was too shallow ranging from 6" - 1 1/2' deep and too overgrown with willows and trees.

Kasigluk River

The Kasigluk River has its origin in the Kilbuck Mountains and flows northwesterly for approximately 100 miles to the Kuskokwim River. It parallels the Kisarialik River and receives overflow water from it in at mile 29 (Sec. 7., T. 8N., R. 66 W.), and from the unnamed stream on the USGS map, locally known as The Chicoyuilnuk River in Sec. 13, T. 8 N., R. 66 W. The Kasigluk River has been meandered through Tps. 8, 9 N., Rs. 66, 67 W., Seward Meridian. It was determined navigable in Secs. 31 & 33 in T. 9 N., R. 66 W., SM. (See navigability report 5/8/89 in the Bethel Quad File).

Most residents interviewed by telephone state that the Kasigluk is normally shallow with riffles and pools ranging from 1'-3' deep during the summer months of June, July and early August. People boat the river for hunting, fishing and camping and can reach as far as the second fork in Sec. 24, T. 7N., R. 65 W., SM., called Little Kasigluk River. High water conditions range from to 3'-8' deep and last two to three weeks at the most.

May 20, 1997

Moses Nicolai, President of the IRA Council for Kwethluk, IRA Office Fax 757-6212, (907) 757-6528, address: P.O. Box 102, Kwethluk, AK. Moses last boated the Kasigluk during July and September 1996. He hunts caribous in an area north of Spein Mountain. He owns and operates a 22' boat with the 50 & 70 Horsepower motors. He states that during low water conditions one can reach the first set of hills which are located near David K. Nicolai (his father) and James Guy's allotment at mile 39 or Sec. 19, T. 8N., R. 65 W. Impediments further upstream include beaver dams. He also emphasized the river rises and lowers fast.

May 21, 1997

James Guy Sr. (907) 757-6312, said he has not been up to his allotment since 1990 because he has been sick. His son's, Ray and Bobby use his allotment for hunting. The last time he went up, was in the fall for moose hunting; He used a 18' Lund aluminum boat with a 40-horsepower motor. He said there are narrow portions of the river about 12' wide but most part of the river is wider. The channel is almost always shallow, but when there is high water it is about 3'-4' deep. He went as far to the Step mountains or to the timberline.

Ray Guy (907) 757-6554, son of James Guy Sr., said he boats the Kasigluk to the second fork which is in Sec. 24, T. 7N., R. 65 W. He said it is around 16'-18' wide, but there are some areas about 12' wide. He said high water is about 7' deep during August and September depending on the rain and in the spring depending on the snow in the foothills. During June and July it is about 2 1/2' to 3' deep to the junction of the Little Kasigluk River.

June 4, 1997

John Owen, a Realty Specialist with the Organized Village (907) 757-6216 said last fall he boated as far as David Jackson's Native allotment in Sec. 32, T. 8N., R 65 W., SM. He said the river was about 20'-30' wide and shallow. Most people use the river during the spring and fall.

June 9, 1997

Lagstrom called **Wilson Nicolai (907) 757-6826** on Thursday, 6/5/97 and talked to his mother. Lagstrom called 6/6/97 and again on 6/9/97 at 10AM and again at 1:30PM. He was not there so she left a message with his mother for him to call collect. His allotment is legally described along the Right Bank Tributary of the Kasigluk but John Owen, the Realty Specialist and other people of Kwethluk recognize that his allotment is actually situated along the Kasigluk River which would put in conflict with William Nicolai's allotment in Sec. 13, T. 8N., R. 66 W., SM. & Sec. 18., T. 8N., R. 65 W., SM. John said he could not make any changes until Wilson fills out the

paperwork requesting a change to the legal description. Betty Lockard, the adjudicator, sent him a letter, but as far as I know, he has not responded.

June 11, 1997

Lagstrom called **David Jackson (757-6326)** and his stepdaughter answered and said David was not home but said her husband **John Nicori** had been up the Kasigluk River. **John Nicori (BD 1/19/30)** address: Gen.Del. Kwethluk got on the phone and said that he would like a map of his allotment along the Johnson River. **John Nicori Sr.** said that he tried to boat the Kasigluk with his 18' Lund and 30 and 40 HP motors in the spring and again in August but he couldn't get up the river because it was too shallow. He said that no one could get up the Chicoyuilnuk either except in the winter. He said the past two years, no one could get up either river because there was no water in both rivers.

David Jackson (82 years old) said that the Kasigluk is too shallow. The last time he went up there was in a helicopter. He said there are lots of beaver dams in this area. David said I could call his son Daniel Oscar Jackson at 757-6326 but he is working at the office.

June 12, 1997

Mike Coffing, Div. Of Subsistence, Fish & Game, Bethel, AK (543-3100) said he boated the Kasigluk River last June or July 1996 with a 18' Hewescraft and a 40-Horsepower propeller motor. His load included two other people besides himself, 36 + 18 gallons of gas, camping gear for a week; he was up there for four or five days. He went as far as Sec.18, T. 8N., R. 65 W. During this time the river had riffles and pools ranging from 15"/20" to 5' deep. The river bottom beginning just above the Columbia creek is gravel, below is sandy bottom. After the juncture in Sec. 13, T. 8N., R. 66W, the southern fork of the river is about 30'-35' wide and gets increasingly narrower further upstream.

During the fall of 1995, there was and extraordinarily amount of water in the rivers. In 1996 the rivers were low all summer. In the spring of 1997, the rivers were the lowest he has seen during the past 13 years he has been in Bethel. He stated an increasing number of people in Bethel and the surrounding villages are using jet units which allow them to more easily access areas further upstream. He also said the local people (Kwethluk) have told him the Kasigluk River used to be the Old Kisaralik. There are two places that one can travel between the Kisaralik and Kasigluk; one is just above the Columbia Creek and the other is in Secs. 16, 17 or 18, T. 8N., R. 65W. Local residents that know the rivers well and that are experienced boaters can travel long distances with 30-40 horsepower motors.

June 19, 1997

Mike Reardon with the USFWS in Bethel 1-800-621-5804 said he had not issued any commercial/recreational permits for the Kasigluk or Akulikutak Rivers.

June 20, 1997

John Owen a Realty Specialist with the Organized Village of Kwethluk (907)757-6216 said

he boated the Kasigluk for one week last September for moose hunting in a 18' aluminum Lund with a 30-Horsepower propeller motor. There were two people in the boat plus all their camping gear. The water was anywhere from 2'-4' deep. He went as far as Sections 11 & 13 in T. 7N., R. 65 W., SM. He said high water lasts about 2 1/2-3 weeks and begins between the end of August to the beginning of September. Low water occurs during June, July and August and is about 1'-2' deep. The width of the river ranges from 20 to 35 feet. Impediments included overhanging trees, sweepers and shallow water.

Richard Long, Tribal Operations Specialist, Organized Village of Kwethluk at 757-6216, said the last time he was on the Kasigluk River was in September 1995. He went as far as the "Y" to the Little Kasigluk River in Sec. 24, T. 7N., R. 65W. He used a 18' Lund with a 40-horsepower propeller motor. During the summer months of June and July the river is about 4'-6' deep and during September it is 3'-8' deep which lasts from two to three weeks. There are lots of low lying trees along the riverbanks. I asked him if he believed that one can use a boat, canoe or raft on the creek carrying about 1,000 pounds for travel, trade and commerce and he said for travel yes but for trade or commerce he said no. He said when the water is high, one can reach the "Y" in one day, but with low water, it can take up to three days. This year all the water bodies including the Kuskokwim and Kwethluk have no water.

July 2, 1997

James Guy said the Kasigluk is a few yards wide and about 2' deep during low water. In August after the rain it is about 3'-4' deep which lasts about one week.

July/August 1997

Steve Schmitt, a BLM land surveyor, who set the Points Of Beginning's for Native Allotments along this water body on July 3, 1997, said the river channel was well defined, open with no obstructions, and wide and deep enough for travel, trade and commerce. He said the Kasigluk was definitely navigable up through David L. Jackson and Alexander Nicori's allotments.

September 17, 1997

Lagstrom talked with **Wassillie Evan in Kwethluk** in September after a field inspection of the river by air. Wassillie boated the Kasigluk last September 1996. He used a 20' aluminum boat with a 45-horsepower propeller motor. His load included three people, camping gear, two moose and two black bear. They had gone as far as the "Y" to the Little Kasigluk River in Sec.24., T.7 N., R. 65 W., SM. He said the river was about 9'-11' deep which he believes lasts about two weeks. He said there were beaver dams at "Pinky Mine" which is near the "Y". During June and July the river is at it's lowest, however, he believes if someone knows the main channel, they could use the river with a load carrying at least 1,000 pounds to the junction of the Little Kasigluk River.

Laura J. Lagstrom