

ATTACHMENTS

for

Kisaralik River

FINAL SUMMARY REPORT

Prepared by Rolfe Buzzell, Historian II

Kuskokwim Assistance Agreement
Phase IV Submission

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

January 15, 2010

Office of History and Archaeology Navigable Waters Research Report No. 1

UNITED STATES GOVERNMENT

Memorandum

**Kisaralik River System
Final 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 ^{NDR} ~~or~~ subject to tidal influence.

Patrick C. Beckley

F14824



6 C3 A 25-foot trail from Tuluksak to Aniak. This trail is not in the selection area, therefore not considered.

10 C4 A 25-foot continuous shoreline easement along Gweek River. This need is recognized by the Task Force, but present criteria does not permit it.

The navigable water considerations for Akiak is under separate memo.

Patrick Beckley

13 C4 Recommendation is for a 25 ft streamside easement on both banks of the Kunkukwin River. This should extend downstream to where it meets the Courtline easement. W.S. 7/2/76

14 C5 site & trail easement - see short note transmittal

~~*15 C6 Courtline easement*~~

F18824

6 C3 A 25-foot trail from Tuluksak to Aniak. This trail is not in the selection area, therefore not considered.

10 C4 A 25-foot continuous shoreline easement along Gweek River. This need is recognized by the Task Force, but present criteria does not permit it.

The navigable water

17C

Form 1541-1
(May 1967)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SHORT NOTE TRANSMITTAL

July 2, 1976
(Date)

13 C4 Re stream of the extend the C

14 C5

~~6 C~~ ~~to~~

TO : File
FROM : NRS.
SUBJECT: AKIAK easement

The Anchorage District has just called to my attention that upon more detailed adjudication AKIAK intitlement will not be sufficient to cover fourth priority land.

This will result in an isolated tract. To access this tract an additional easement is necessary. I agree with their recommendation for a site & trail in Sec 1, T10N, R67W, SM.

W. Sanden

Note: Return this form when action is completed or attach it to data requested



District Office
 2021 W D
 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

Kisaralik River System
 Final Summary Report
 Attachment 3

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)

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

ANCHORAGE AK.

JAY S. HAMMOND, GOVERNOR

333 RASPBERRY ROAD
ANCHORAGE 99502

May 9, 1977

**Kisaralik River System
Final Summary Report
Attachment 4**

Horace Sanders
Bureau of Land Management
555 Cordova Street
Anchorage, Alaska 99501

Dear Mr. Sanders:

During the Easement Task Force session on April 26, 1977, you requested information on tides in the Kuskokwim River and several of the tributaries.

Rae Baxter, fisheries biologist at Bethel provided me with the following information regarding the top of tide (I assume he meant tidal influence):

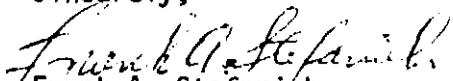
1. Eek River S25, T2N, R73W, S.M.
2. Eenayarak River S1, T3N, R73W, S.M.
3. Lake System S32, T6N, R72W, S.M.
4. Kwithluk River S25 & 26, T8N, R69W, S.M.
5. Kisaralik River S20 & 29, T9N, R67W, S.M.
6. Kuskokwim River S15, T9N, R68W, S.M.
7. Gweek River S23, T10N, R69W, S.M.
8. Pikmiktalik River S7, T9N, R73W, S.M.
9. Johnson River S22, T9N, R74W, S.M.
10. Kutukhun River S10, T6N, R76W, S.M.

The historial used rivers are as follows:

1. Eek River - its entire length (into Goodnews 1:250,000).
2. Kuskokwim River - entire length on Bethel 1:250,000 map.
3. The remainder of the rivers with heavy dark lines on the attached maps. These are Xeroxed copies of 1:250,000 maps reduced by a factor of 5 (Xeroz 5) on their machines (Bethel and Baird Inlet maps).

Please feel free to call if you need further information.

Sincerely,


Frank A. Stefanich
Access Project Leader
Habitat Protection Section

cc: D. Nation - ADL, Anchorage
R. Skoog
J. Sexton
L. Heckert
B. Fedeler

**Kisaralik River System
Final Summary Report
Attachment 5**

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

State Office
555 Cordova Street
Anchorage, Alaska 99501

MAY 17 1977

Handwritten:
2/10/77
5-5
C. [Signature]

NOTICE OF PROPOSED EASEMENT RECOMMENDATIONS
FOR THE VILLAGE OF AKLAK

Pursuant to Departmental regulations (43 CFR 2650.4-7), notice is hereby provided of public easements identified on lands selected by Kolaruk 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 E., R. 66 W.
sections 13, 24, 25, and 36
- ✓ T. 11 E., R. 67 W.
sections 8, 9, 16-21, and 28-33
- ✓ T. 10 N., R. 66 W.
sections 1-3, 10-15, 22-27, and 34-36
- ✓ T. 10 N., R. 67 W.
sections 1-36
- ✓ T. 10 N., R. 66 W.
sections 4-9, 16-21, and 28-33
- ✓ T. 9 N., R. 66 W.
sections 1-3 and 10-15
- ✓ T. 9 N., R. 67 W.
sections 1-36
- ✓ T. 9 N., R. 66 W. 27 28
sections 4-10, 16-22, and 28-35
- ✓ T. 7 N., R. 65 W.
sections 29-32

✓ 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 Kiseralik 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 Kiseralik 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 Kiseralik 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 Akiachik 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 Oweek 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

Mishevik Slough

Kasigluk River - to west boundary of Section 16, 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.

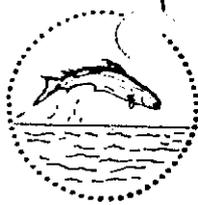
Written comments must be filed with the Joint Federal-State Land Use Planning Commission, 733 West Fourth Avenue, Suite 400, Anchorage, Alaska 99501, no later than JUL 1 1977. A copy of any comments should also be sent to the State Director, Bureau of Land Management, 553 Cordova Street, Anchorage, Alaska 99501.

Curtis V. McVee
State Director

cc:

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

MKonklin:mk 5/2/77



Kokarmuit Corporation

Akiak, Alaska 99552

July 1, 1977

F/S Land Use Planning Commission
753 West Fourth Avenue
Anchorage, Alaska 99501

**Kisaralik River System
Final Summary Report
Attachment 6**

Gentlemen:

Pursuant to the notice of proposed easements for Kokarmuit Corporation to be reserved in the title documents conveying land to this Corporation F-14824-A the following are the comments of the Board of Directors:

Easement Identification, 3 K We are opposed to the streamside easement of twenty-five (25) feet in width on both banks of the navigable Kisaralik River to include the bed from its mouth upstream to major fork in stream in Section 13, T. 9N, R. 67 W., S.M. thence, from this fork in Section 13, T. 9N, 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 for the following reasons:

- 1) If this easement is permitted and open to the public, the King, Chum, and Silver Salmon that spawn and lay their delicate eggs would be greatly disturbed or destroyed.
- 2) Fur bearing animals we hunt or trap as Mink, Beaver, Wolverine, Fox, otter, Muskrats, and other animals natural habitat would be greatly disturbed by excess public use if this easement is permitted. License numbers A07611, 081753, A007546, A07617 can test
- 3) If twenty-five (25) feet easement were permitted and open to the public, the pollution that the public leaves would destroy or disturb salmon fish eggs laid and fur-bearing animals.

Easement Identification 901 As far as the Kokarmuit Board of Directors are concerned, there is no such existing trail from Akiak Southeast along the Kisaralik River to the public lands. If the Division of Lands wants an excess trail to public lands they should find a shorter route to public lands instead of proposing a public excess trail across the whole Kokarmuit Corporation selected lands.

Easement Identification 1104 We are opposed to this non-existing access trail twenty-five (25) feet in width from Akiak to Akiachak because it does not exist and it is not recognized. There is no such trail. People travel Akiak to Akiachak through the Kuskokwim River by boats in summer and snow-machines in winter. If such trail become existant such hunting areas for fox and fishing for blackfish could be destroyed. In the past, such trails have become roads for cars and trucks and we do not want this to happen to our lands.

*Logged
80/8
12 July 77
CC/K
Hale*

Easement Identification 13 C4, C5 We are opposed to a streamside easement of twenty-five (25) feet in width on both banks of the navigable Kuskokwim River through the entire selection because there are numerous fishcamps, pending Native Allotments, and places where nets are set for fishing which would be disturbed by public use. Furthermore, streamside easements are not mentioned under Section 17(b) of the Alaska Native Claims Settlement Act.

Easement Identification 14 C5 We are opposed to this one (1) acre site easement in Section 1, T.10N., R.67W., S.M. on the right bank of the Kuskokwim River because we have been fighting for our land for many years and at present we have not even received our title to the lands we selected and even many of our native individuals in our village have not received a title to a single acre of land. We will not give away land to anyone even if they ask for it. If BLM wants a one acre campsite at this location, they can negotiate with the Kokarmuit Corporation Board of Directors.

Easement Identification 15C We are not opposed to this survey easement but ONLY for survey purposes providing the following conditions are met:

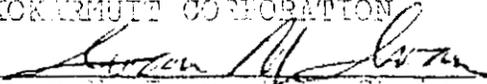
- 1) BLM Survey team must notify the Board of Directors of Kokarmuit Corporation thirty days prior to execution of the surveys.
- 2) That one or two Board members or a shareholder in absence of Board of Directors be present and brought along.
- 3) That the BLM survey team meet with the village people to explain their purpose and plan of their action so the people will know what is happening.
- 4) That the BLM Survey team upon completion of survey conduct a police of the area and report to the Directors upon completion of the survey.

Easement Identification 16C We are definitely opposed to this easement for the transportation of energy, fuel, and natural resources which are the property of the United States of America for the following reasons:

- 1) If such a pipeline for gas and oil is constructed within our region the influx of outside people would be competing for natural resources that our Natives depend on for subsistence.
- 2) Such a pipeline would destroy small river and streams and lakes which are natural habitats for fur bearing animals and water fowls which the people depend on for food and clothing.
- 3) We are opposed to this easement for the reasons given and brought to your attention on November, 1974 Public Hearing in KYUK studios in Bethel, Alaska.
- 4) Construction of a pipeline for gas or oil is a very dangerous proposal for the simple reason that during ice breaks both Yukon and Kuskokwim Rivers have a tendency to flood, and if such a leak occurs, the AVCP Area could be a major disaster area.

Sincerely,

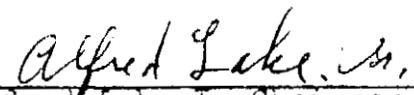
KOKARNUIT CORPORATION


Ivan M. Ivan, Vice-Chairman

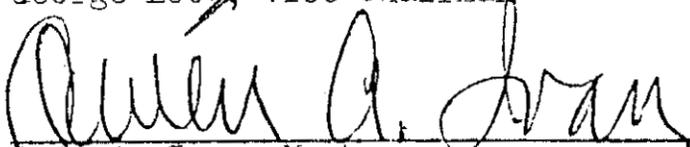

Peter Gilila, Secretary


Anna L. Ivan, Boardmember

LAND SELECTION COMMITTEE, KOKARNUIT


Alfred Lake I, Chairman


George Lott, Vice-Chairman


Owen A. Ivan, Member


Ivan M. Ivan, Member

Fishing and boating are the primary uses occurring along the river. This easement will provide space for foot travel, boat moorage, and other uses associated with use and travel on the river.

9 D1

An easement for an existing access trail twenty-five (25) feet in width from Akiak southeasterly paralleling the Kisaralik River to public lands. The usage of roads and trails will be controlled by applicable State or Federal law or regulation.

Discussion:

From Akiak this trail crosses the Kuskokwim River, then traverses the Akiak selection in a southeasterly direction. It will provide a winter travel route between the Kuskokwim River at Akiak and public lands east of the village selection. In connection with trail easement #2 and Akiachak trail #2, this trail also facilitates access to public lands to the north. Snowmachines are the primary mode of travel.

11 C4

An easement for an existing access trail twenty-five (25) feet in width from Akiak westerly paralleling the Kuskokwim River to Akiachak. The usage of roads and trails will be controlled by applicable State or Federal law or regulation.

Discussion:

This trail, which provides an intervillage travel route, is only a segment of recommendation #1 which the Alaska Department of Highways said was part of a complete trail system established by the Road Commission. Easement #1 was not approved. However, this portion is being retained to assure public access between these villages on the river. This route is several miles shorter than the river route. It also can be used when the river ice is unsafe.

13 C4, C5

A streamside easement twenty-five (25) feet in width upland of and parallel to the ordinary high water mark on all banks of the navigable Kuskokwim River through the Akiak Village selection. Purpose is to provide for public use of waters having highly significant present recreational use.

Discussion:

The Kuskokwim River has a long history of use for travel, trade, and recreation. Traditional summer travel is by power boat although some recreationists

enjoy canoeing and kayaking along the river. In winter, travel along the river ice is by snowmobile or dogsled. Other recreational uses include fishing, photography, wildlife observation, etc. This easement will provide space for foot travel, boat moorage, and other uses associated with use and travel on the river.

14 C5 A one (1) acre site easement upland of the mean high tide line in Sec. 1, T. 10 N., R. 67 W., SM., on the right bank of Kuskokwim River. The site is for camping, staging, and vehicle use.

Discussion: This site is necessary to facilitate public access along the river and will also serve as a trailhead for trail easement #14a. The site is located about midway between Tuluksak and Akiak and provides the only spot for camping along this twenty mile stretch of river.

14a C5 An easement for a proposed access trail twenty-five (25) feet in width from site easement #14 westerly to public lands in Sec. 35, T. 11 N., R. 67 W., SM. The usage of roads and trails will be controlled by applicable State or Federal law or regulation.

Discussion: This short trail of approximately one-half (1/2) mile is necessary to provide public access to and between the public waters of the Kuskokwim River and public lands isolated by village selection. 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.

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.

Discussion: Standard survey easement.

16 C Easements 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. These easements also include the right to build any related facilities necessary for the exercise of the right to transport energy, fuel, and natural resources, including those related facilities necessary during periods of planning, locating, constructing, operating, maintaining, or terminating transportation systems. The specific location of these easements shall be determined only after consultation with the owner of the servient estate. Whenever the use of such easement will require removal or relocation of any structure owned or authorized by the owner of the servient estate, such use shall not be initiated without the consent of the owner of such improvement; provided, however, that the United States may exercise the right of eminent domain if such consent is not given. Only those portions of these easements that are actually in use or that are expressly authorized on March 3, 1996, shall continue to be in force.

Discussion: Standard transportation easement.

In addition to the above easements, the conveyance documents will contain periodic coastline easements as required by the Calista Corporation-Department of Interior easement agreement. These easements have not been identified by the Anchorage District Office as of this time but will be identified and included in the conveyance documents in accordance with the terms of the agreement.

Additional information submitted by Alaska Department of Fish and Game indicates the Kisaralik River is only tidal upstream to the east section line of Sec. 20, T. 9 N., R. 67 W., SM., and the Kuskokwim upstream to the north section line of Sec. 15, T. 9 N., R. 68 W., SM.

After a thorough review of all recommendations the following change was made from the original Notice of Proposed Easements:

E.I.N.

2 D1, D9, E

DISCUSSION

This twenty-five (25) foot trail easement was not approved on the original Notice of Proposed Easements. However, after reviewing all recommendations, we have decided this easement is necessary and therefore, have approved a twenty-five (25) foot trail easement as was originally recommended.

**Kisaralik River System
Final Summary Report
Attachment 8**

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

JUN 11 1982

Memorandum

To: Files

From: Paul O. Johnson, Realty Specialist

Subject: Trip Report of Meeting with Kokarmiut Corporation (Village of Akiak)

On June 3, 1982, a meeting was held with Kokarmiut Corporation (village of Akiak). The purpose of the meeting was to discuss the draft DIC and the draft SDM pertaining to lands selected near the village of Akiak. Those in attendance were as follows:

Kokarmiut Corporation

Fran DeMantle, Sr.
Lott M. Egoak
David Gilila
Paul Ivan, Sr.
Agnes Jasper
Andrew Jasper
Willie Jasper
Annie Kawagley
Soloman Kawagley
Lucy Williams
Peter Williams

Calista Corporation

Felix Hess

U.S. Fish and Wildlife Service

Lynn Conant
Chuck Hunt

Bureau of Land Management

Paul O. Johnson
Stan Nevak
Helen Roberts

The meeting was opened with a presentation of the DDIC by Helen Roberts. The DSDM was then presented; with the major waterway, navigability, and tidal influence portions being discussed first.

Corporate members present stated that there were numerous Native allotments outside the area to be conveyed, and along the Kisaralik River. They said these allotments were accessible by boat in high water conditions, but that since these conditions were unpredictable they would agree with the determination recommended in the DSDM. We were also informed that Reindeer Slough is dry in the summer.

Following is a discussion of each easement recommended in the draft SDM:

- a. (EIN 2 D1, D9, E) The corporation stated this route is not used. One elder present said this route was once used for dogs 20 to 30 years ago.

Note: Upon departure from the village a fly-over of the area in question was done in a Bell 206 Jet Ranger helicopter. There was evidence of on-ground usage of a trail originating at the village and generally following the route described in EIN 2; however, subject trail appears to terminate at a small lake one-third mile from the village. We were unable to locate any on-ground evidence of a continuation of this trail to the northwest.

- b. (EIN 9 D1) The residents testified that there is no such trail and that winter access to those public lands is accomplished through the use of the Kisaralik River, a major waterway, in its frozen state.

Note: Aerial reconnaissance of the location of EIN 9 by low flying helicopter would seem to substantiate the village members claims as no evidence of on-ground usage was noted.

- c. (EIN 11 C4) The corporation members said that this easement is not used. They stated intervillage travel is accomplished via the Kuskokwim River in either the liquid or frozen state.

Note: A helicopter flight from Akiak to Akiachak along the route of EIN 11 (as depicted by the DSDM) indicated some usage of the uplands immediately adjacent to both villages but no interconnecting on-ground usage was noted.

- d. (EIN 14 C5) Kokarmiut Corporation objected to this site reservation on two (2) counts:

1. Not needed for travel on the waterway as the distance between Akiak and Tuluksak is well within a reasonable travel distance (approximately 17 river miles to Tuluksak, and 21 river miles to site EIN 4 C4, D9 in T. 12 N., R. 66 W., Seward Meridian). Akiak is a townsite with municipal reserves set aside for public use.

2. Not needed as a trail head for proposed trail EIN 14a C5 as the proposed trail does not access isolated land.

- e. (EIN 14a C5) the corporation was opposed to this proposed trail as the public land it accesses is not isolated but may be reached from the major and navigable Gweek River, without impacting corporation land.

Mr. Felix Hess of Calista Corporation served to translate the aforementioned issues into Yupik and responses into English.

/s/ Paul O. Johnson

cc:

Navigability Unit (960)
Attn: S. Berg

DM-A (010)
Attn: S. Nevak

DM-NAV (013)
Attn: M. Wheeler

963:PJohnson:slt:06/09/82*D
PHOTON*TsIt:06/10/82*F



United States Department of the Interior

IN REPLY REFER TO

BUREAU OF LAND MANAGEMENT

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

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

JUN 22 1982

Memorandum

To: Chief, Division of ANCSA and State Conveyances

From: SD

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

**Kisaralik River System
Final Summary Report
Attachment 9**

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.

Fred Wolf
Associate

AKIAK

**Kisaralik River System
Final Summary Report
Attachment 10**

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)

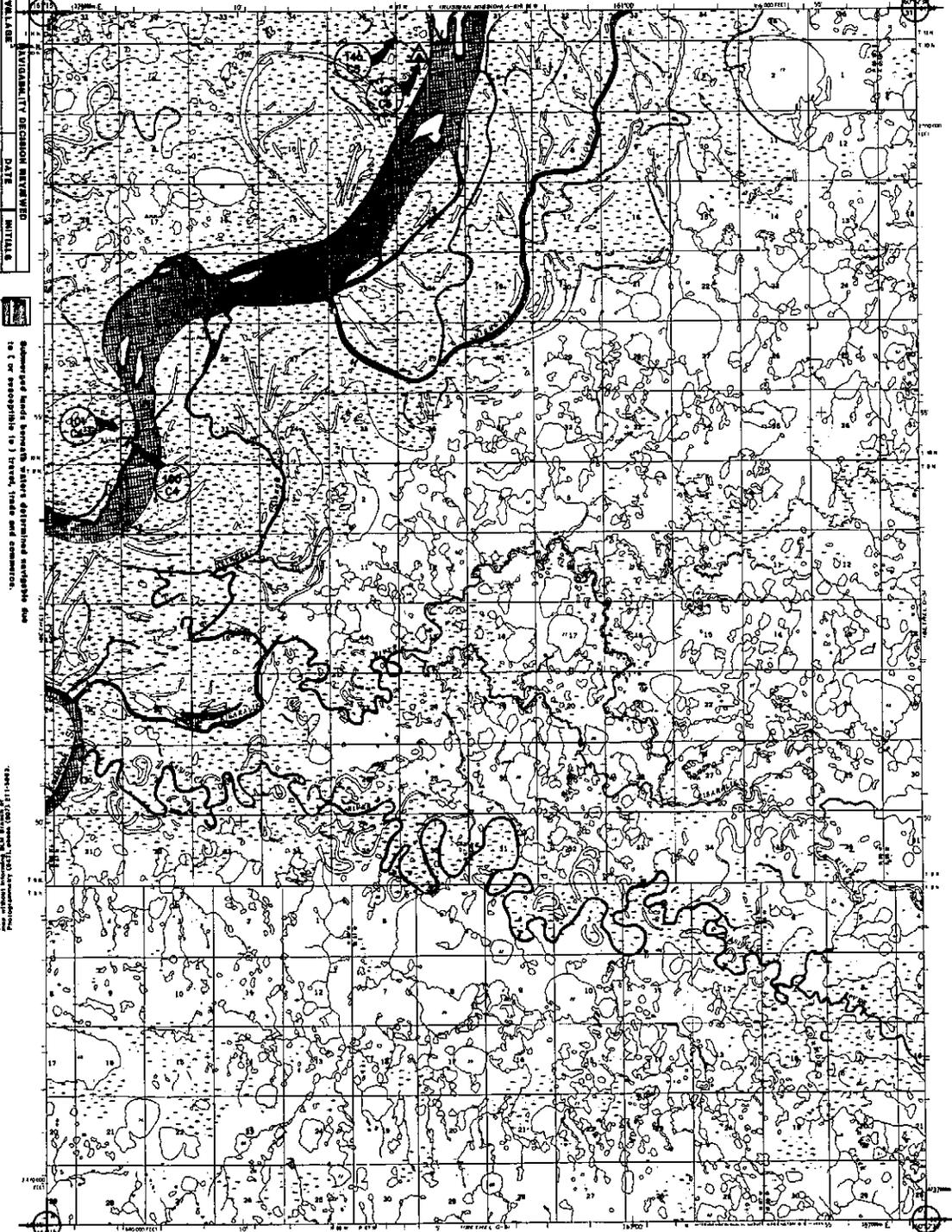
961:WHill:pf:06/18/82*F
PEARL*g

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SYMBOL	DATE	INITIALS
ADDITIONALITY DECISION REVIEWED	8/21/83	SKG
DATE	7/26/83	JED
INITIALS		

Shaded lands beneath water determined on the basis of (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) 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COMPUTERIZED MAP CALCULATIONS AND
SYMBOLS FROM THE NATIONAL SYSTEM
CMCIRS--
Do not use for navigation purposes. Accuracy of position is not guaranteed. For more information, contact the National System, Department of the Interior, Geological Survey, Washington, D.C. 20508.

Revised by the Army Map Service
Copied and published by the Geological Survey
Control by USCGS and USCE
Topography by stadia camera methods from aerial photographs taken 1961 and revised 1964. Spot heights checked
Universal Transverse Mercator projection, 1927 North American datum
10,000 feet grid based on Meade's meridian system, zone 7
1000 meter Universal Transverse Mercator grid units
500 x 500 meter grid
Land lines represent shorelines and permanent features
as determined by the Bureau of Land Management
Large 5:0 Scale Meridian



CONTOUR INTERVAL 50 FEET
SPOTTED LINES INDICATE SPOT ELEVATIONS
OTHER THAN 50 FEET

SCALE 1:63360



ROAD CLASSIFICATION
Type
Bethel D-6
BETHEL (D-6) ALASKA
MORA-1:63360 5/13/83
1984

FOR SALE BY U.S. GEOLOGICAL SURVEY
FARMERS, ALABAMA, DENVER 20, COLORADO, OR WASHINGTON 25, D.C.
A FOLD-OUT TOPOGRAPHIC MAP AND SYMBOLS IS AVAILABLE ON REQUEST

Current To Date: 01-20-2006

**Kisaralik River System
Final Summary Report
Attachment 11**

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. 5066, 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. 9 N., R. 66 W.

Secs. 1 to 6, inclusive;
Sec. 7, excluding Native allotments AA-8966 Parcel B and F-17043 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

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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-020770;
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. 24;
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;

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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-18920;
Secs. 29 and 30, excluding U.S. Survey No. 2243;
Sec. 32, excluding U.S. Survey No. 2243, U.S. Survey No. 2284 and U.S. Survey No. 5068;
Sec. 33, excluding U.S. Survey No. 2284;
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. 69 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. 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

Interim Conveyance No. 610

Date DEC 28 1982

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

F-14824-A

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

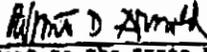
This Document has been
corrected by IC No. 1935
Dated 10/04/05

F-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 grantees 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

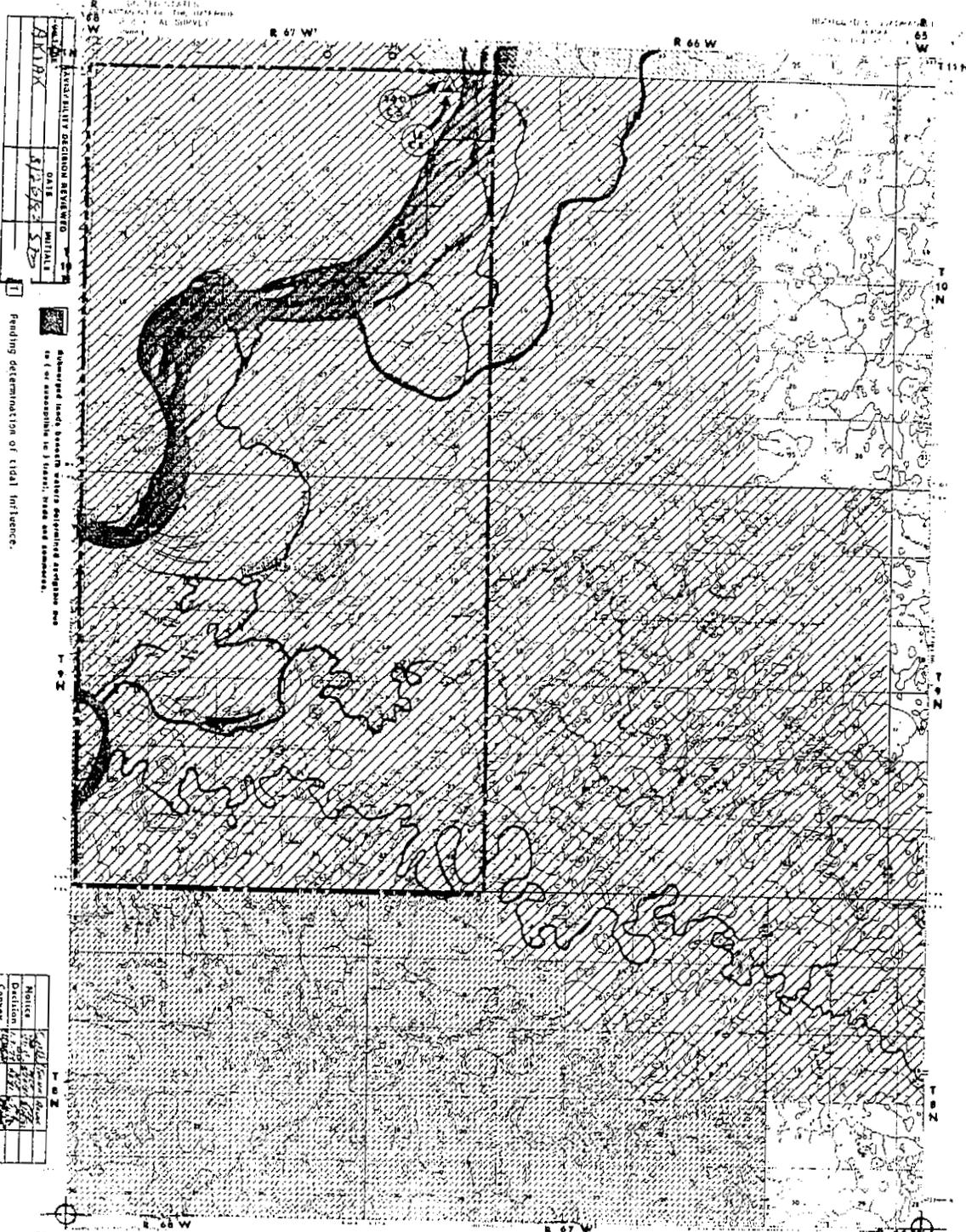

Assistant to the State Director
for Conveyance Management

Interim Conveyance No. _____

610

Date DEC 29 1982

This Document has been
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Dated 10/04/05



APPROVED	DATE	INITIALS
<i>[Signature]</i>	12/29/82	SPK/SB

Approved lands shown states depending on the pending determination of tidal influence.

Notice	<i>[Signature]</i>
Division	<i>[Signature]</i>
County	<i>[Signature]</i>

Division	<i>[Signature]</i>
County	<i>[Signature]</i>

TULUKSAK VILLAGE SELECTION

KWETHLUK VILLAGE SELECTION

AKIAK VILLAGE SELECTION

Application of Dec 12, 1974
 Represents nearest whole section
 (Application may be less than 640 acres)

PLA 70/19/15
 KWETHLUK
 AKIAK
 BETHEL, ID. BY ALASKA
 6/2/70

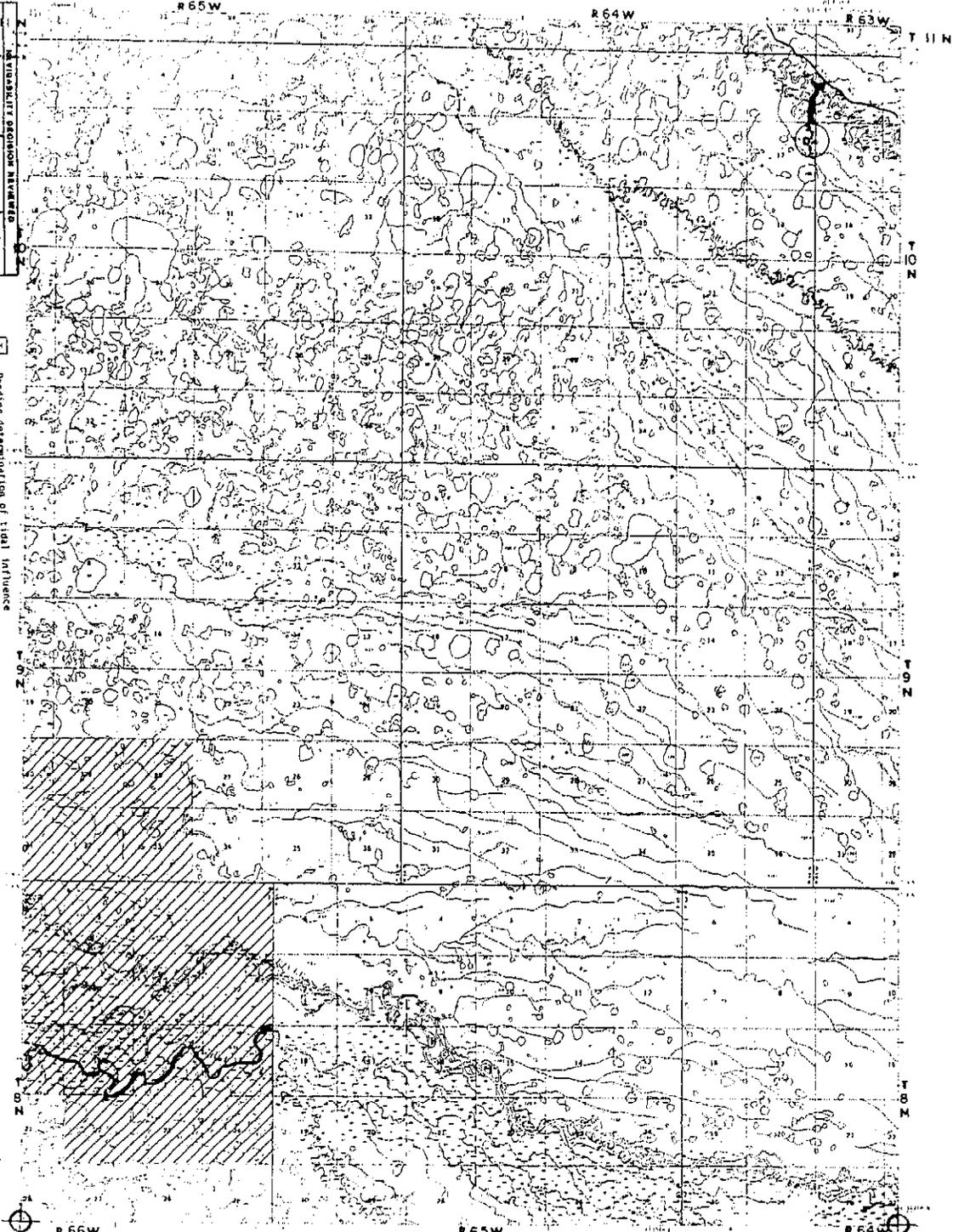
Core Township

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

610

SECTION	31	32	33
TOWNSHIP	T 11 N		
RANGE	R 65 W		
DATE	12/17/74		
INITIALS	SJS		

T Pending determination of tidal influence
 Shaded lands show which were determined as
 to (1) or submerged (2) or (3) water, tide and currents.



NOTICE	31	32	33
DECISION	31	32	33
CONSENT	31	32	33

AKIAK VILLAGE SELECTION
 Application of Dec. 17, 1974

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

--- Core Township

Final Easement
 Tuluksat - 1/7/76 B.S.

11/16/74
 619/80
 BETHEL D-5

610

Alaska State Office
DEC 29 1982.
 Bethel, Alaska
 DATE

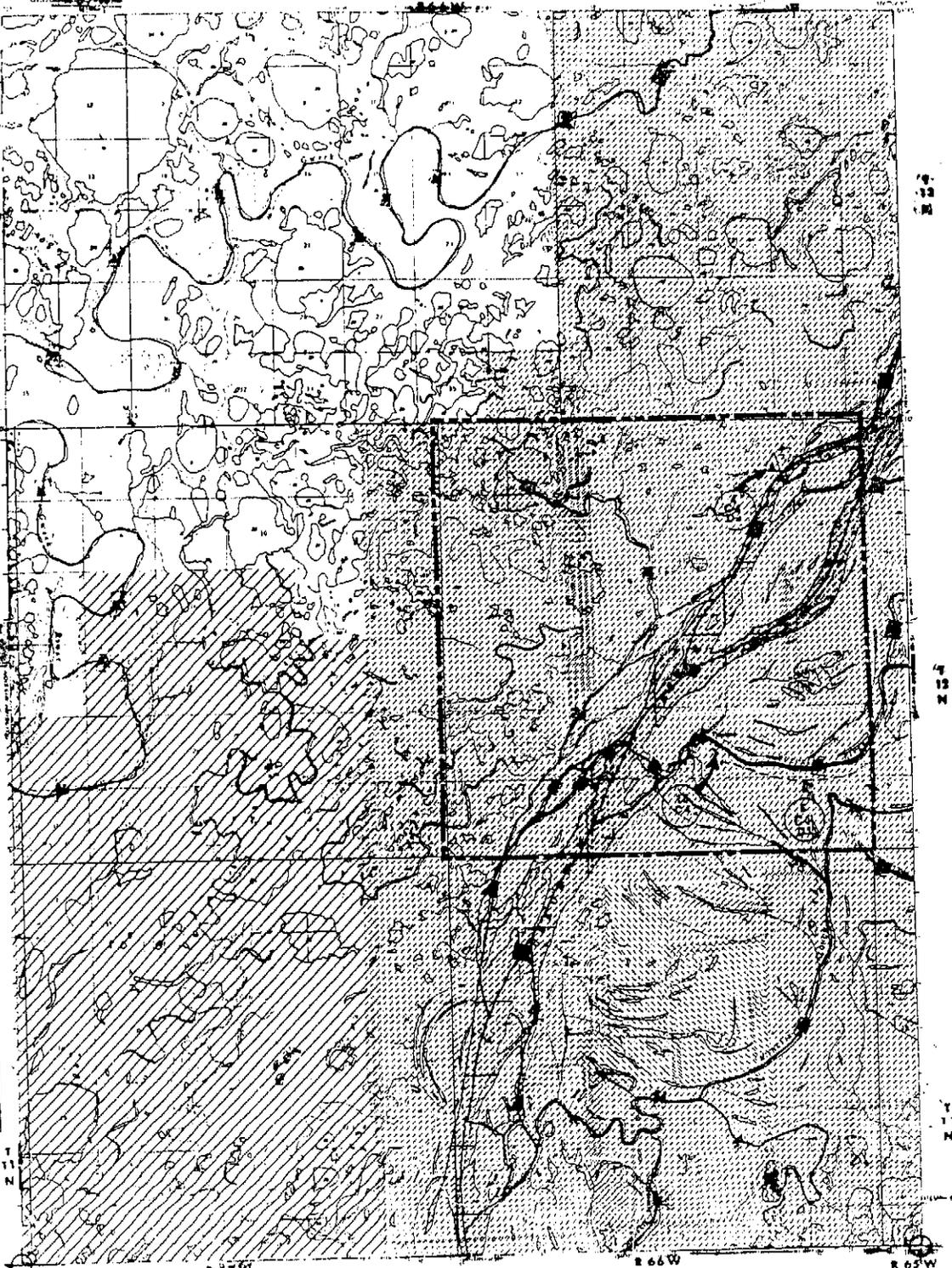
I hereby certify that this reproduction is a
 copy of the official record as it is in this office.

[Signature]
 RECORDS SECTION

SECTION	1
TOWNSHIP	10 N
RANGE	10 W
DATE	12/17/74
BY	W. J. ...
SCALE	1:50,000
PROJECTION	UTM
COORDINATE SYSTEM	NAD 83

Scale 1:50,000
1 inch = 0.833 miles
1 centimeter = 0.394 inches

NOTICE	State of Alaska
DECISION	Final
COMMENTS	



OVER-SELECTION

AKIAK VILLAGE SELECTION

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

AKIACHAK VILLAGE SELECTION
 TULUKSAK VILLAGE SELECTION

Date: 12/17/74
 By: W. J. ...
 Title: ...

RUSSIAN MISSION A-G

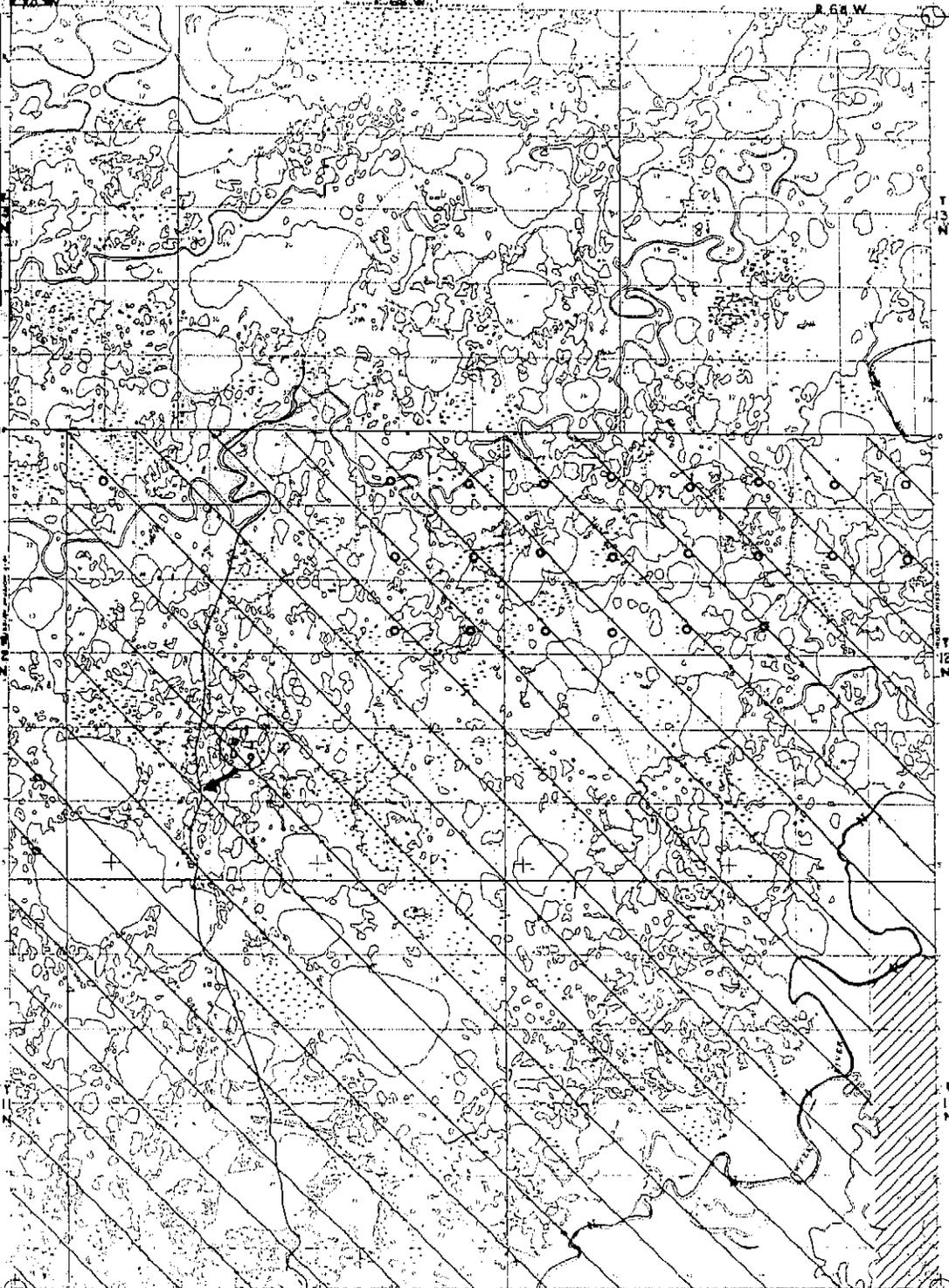
Alaska State Office
 DEC 29 1982 Anchorage, Alaska
 DATE
 I hereby certify that this resolution is a

NAME	SECTION	DATE	STATUS
AKIACHAK	42773	8/1/74	529
AKIAK	42772	8/1/74	529

Ⓣ Pending determination of tidal influence.

Ⓣ Submerged lands beneath waters determined as to be in or adjacent to 3 square miles and adjacent.

Notice	12/11/75
Division	67
Convey	67



AKIAK VILLAGE SELECTION

AKIACHAK VILLAGE SELECTION

Application of Dec 17, 1974

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

MO 12/11/75
AKIACHAK
AKIAK

RUSSIAN MISSION (R-7), ALASKA
67
6/9/70

Alaska State Office
Anchorage, Alaska

DEC 29 1982

DATE

I hereby certify that this reproduction is a copy of the official record on file in this office.

610

at 5-3-89
UMBrown 5-3-89
KARSTETTER
5/3/89

**Kisaralik River System
Final Summary Report
Attachment 12**

- 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 [Atmautluak, 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 USGS 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.

Wayne A. Boden

cc:

State of Alaska
Department of Natural Resources
Division of Land and Water Management
State Interest Determinations Unit
P.O. Box 107005
Anchorage, Alaska 99510-7005

State of Alaska
Department of Natural Resources
Division of Land and Water Management
Land Title Section
3601 C Street, Suite 960
Anchorage, Alaska 99503

Atmautluak, Limited
Atmautluak, Alaska 99559

Nunapitchuk, Limited
Nunapitchuk, Alaska 99641

Kasigluk, Inc.
Kasigluk, Alaska 99609

Akiachak, Limited
Samuel George
Akiachak, Alaska 99551

Kokarmuit Corporation
Akiak, Alaska 99552

Tulkisarmute Inc.
Tuluksak, Alaska 99679

Bethel Native Corporation
P.O. Box 719
Bethel, Alaska 99559

Kwethluk, Inc.
Kwethluk, Alaska 99621

Calista Corporation
601 West Fifth Avenue, Suite 200
Anchorage, Alaska 99501

Chief, Program Planning and Development Staff (920B)

Chief, Branch of Examinations and Records (922)

Chief, Branch of Field Survey (921)

Chief, Branch of Mapping Sciences (924)

Branch of Survey Preparation and Contracts (923)
Attn: Phil Wilkins

Anchorage District Office (040)

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 (Atmoutluak, 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. Anabranh 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., Rs. 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 $\frac{1}{4}$ W $\frac{1}{4}$ 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. Anabranch 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 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 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).

**Kisaralik River System
Final Summary Report
Attachment 13**

2628(961)

JUN 27 1990

Dennis P. Daigger
Land Management Officer
State Interest Determinations Unit
Division of Land and Water Management
Department of Natural Resources
Box 7-005
Anchorage, Alaska 99510

Dear Mr. Daigger:

We have reviewed the attached list of water bodies on State patented land which you provided me in the afternoon of June 25. We have struck from the list all water bodies that we believe are non-navigable or that we lack sufficient information on which to make a conclusion. We also struck all water bodies located on the North Slope because, pursuant to the Submerged Lands Act, title to the beds of navigable waters (if any) in this area did not pass to the State at the time of statehood.

We believe that the remaining water bodies are navigable for inflatable rafts, canoes, and larger watercraft with a payload of about a thousands pounds or more. In general, these rivers and streams are wide (double-lined on the USGS maps) and have gradients less than fifty feet per mile. In some cases, we had physical character and use information in our working files or in the regional reports.

It could be that there are additional navigable water bodies. To identify them, we would have to locate and interview potential sources or examine the water body in the field. However, time and funding limitations do not allow us to study these water bodies further. If you have information about specific water bodies, we will be glad to consider it.

Sincerely,

C. Michael Brown
Chief, Navigability Section

Attachment

Navigable Waters on State Patented Lands

Township	Meridian	Navigable Waters
1N40W	S	None
1N47W	S	None
1N51W	S	None
1N60W	S	None
2N38W	S	None
3N37W	S	None
3N38W	S	None
3N57W	S	None
4N50W	S	None
4N51W	S	None
4N53W	S	None
4N60W	S	Kisaralik River
5N50W	S	None
5N51W	S	Kogrukluk River to Maka Creek
5N53W	S	None
6N45W	S	Chichitnok River
6N55W	S	None
6N57W	S	Kipchuk River
7N49W	S	None
7N54W	S	None
7N55W	S	None
8N39W	S	South Fork Hoholitna River
8N58W	S	Salmon River to left bank tributary in Sec. 22
8N59W	S	Salmon River
23N31W	S	None
24N25W	S	None
24N28W	S	None
25N28W	S	None
26N20W	S	Tatina River to Earl River
28N26W	S	None
28N42W	S	Moore Creek
33N44W	S	Dishna River
34N43W	S	Dishna River
34N43W	S	Windy Creek
45S71W	S	Sandy River
46S72W	S	Bear River
3N60W	S	Kisaralik River
6N58W	S	Kipchuk River
7N57W	S	Kipchuk River
7N53W	S	Enatalik River
7N56W	S	Aniak River
5N43W	S	Nushagak River
5N44W	S	Nushagak River
5N59W	S	None
7N50W	S	Kogrukluk River
7N58W	S	Kipchuk River

Navigable Waters on State Patented Lands

5N57W	S	Kipchuk River to right bank tributary in Sec. 21
2N60W	S	None
32N43W	S	Windy Creek
32N43W	S	California Creek to forks in SW4 Sec. 22
22N28W	S	None
3N54W	S	Tikchik River
4N37W	S	Mulchatna River
7N51W	S	Kogrukluk River
8N38W	S	South Fork Hoholitna River
24N26W	S	None
23N28W	S	None
6N51W	S	Kogrukluk River
6N56W	S	Aniak River
8N52W	S	Chukowan River
8N57W	S	Kipchuk River
1N38W	S	None
4N52W	S	None
17N41W	S	None
24N30W	S	Big River
25N29W	S	Big River
26S51W	S	Tidal sloughs
32N17W	S	None
33N41W	S	None
4N38W	S	Mulchatna River
5N52W	S	None
8N50W	S	Kogrukluk River
23N30W	S	Big River
3S44W	S	None
1N48W	S	None
22N29W	S	Big River
8N56W	S	Aniak River
8N56W	S	Kipchuk River
3N59W	S	Kisaralik River
3N59W	S	Gold Creek
1N53W	S	Tikchik River
2N53W	S	Tikchik River
8N53W	S	Enatalik River
8N53W	S	Gemuk Creek
8N53W	S	Chikululnuk Creek
21N28W	S	Big River to Lyman Fork
30N44W	S	Dishna River
30N44W	S	Porcupine Creek to forks Sec. 25
2S43W	S	None
4N58W	S	None
2N47W	S	King Salmon River
1N59W	S	Gold Lake
22N25W	S	None

Navigable Waters on State Patented Lands

28S48W	S	None
33N43W	S	Dishna River
33N43W	S	Windy Creek
1S42W	S	None
2N58W	S	None
24N29W	S	Big River
46S71W	S	Sandy River
46S71W	S	Bear River
2N37W	S	None
21S46W	S	None
31N44W	S	Dishna River
20S48W	S	None
27N26W	S	None
4N57W	S	None
23N25W	S	None
23N26W	S	None
23N29W	S	Big River
5N56W	S	Aniak River
2N59W	S	Gold Creek
2N59W	S	Gold Lake
3N53W	S	None
26N26W	S	None
32N44W	S	Dishna River
32N44W	S	Windy Creek
1N58W	S	None
1N37W	S	Chulitna River to forks Sec. 33
20S46W	S	None
32N18W	S	Tonzona River
27S51W	S	None
20S50W	S	None
20S47W	S	None
21N29W	S	Big River
27S47W	S	None
29N24W	S	South Fork Kuskokwim River
27S49W	S	None
29N23W	S	South Fork Kuskokwim River
27S48W	S	None
26S47W	S	None
30N24W	S	South Fork Kuskokwim River
20S49W	S	None
45S69W	S	None
26S48W	S	None
3N58W	S	Upnuk Lake
3N58W	S	Upnuk Lake inlet
26S49W	S	None
15S12E	F	None
14S11E	F	None

Navigable Waters on State Patented Lands

15S11E	F	None
14S4E	KR	None
14S21E	KR	None
15S8E	KR	Yuki River to SE4 Sec. 5
15S9E	KR	Yuki River
16S7E	KR	Little Mud River to tributary mid Sec. 25
16S8E	KR	None
16S9E	KR	None
16S10E	KR	East Fork Yuki River
16S11E	KR	East Fork Yuki River
17S6E	KR	Little Mud River
17S13E	KR	North Fork Innoko River
17S13E	KR	West Fork North Fork Innoko River
17S15E	KR	North Fork Innoko River
17S15E	KR	Poorman Creek
18S18E	KR	None
19S15E	KR	North Fork Innoko River
20S15E	KR	North Fork Innoko River thru Sec. 12
20S17E	KR	Susulatna River
20S19E	KR	Susulatna River
21S18E	KR	Susulatna River
21S19E	KR	Nowitna River thru Sec. 26
22S17E	KR	Susulatna River
22S19E	KR	Nowitna River
23S20E	KR	None
17S3E	KR	West Fork Mud River
20S13E	KR	Innoko River
18S20E	KR	Susulatna River
14S9E	KR	Yuki River
12S21E	KR	Sulatna River
17S5E	KR	Little Mud River
23S12E	KR	Innoko River
14S10E	KR	Yuki River
14S10E	KR	Ketlkede Creek
21S20E	KR	Nowitna River
20S18E	KR	Susulatna River
15S11E	KR	Yuki River
15S11E	KR	East Fork Yuki River
24S12E	KR	Innoko River
17S4E	KR	Little Mud River
17S4E	KR	West Fork Little Mud River
15S12E	KR	East Fork Yuki River
21S17E	KR	Susulatna River
18S13E	KR	North Fork Innoko River
19S19E	KR	Susulatna River
20S21E	KR	Nowitna River
20S21E	KR	Meadow Creek

Navigable Waters on State Patented Lands

15S10E	KR	Yuki River
19S21E	KR	Nowitna River
19S21E	KR	Meadow Creek
20S20E	KR	Nowitna River
20S20E	KR	Clearwater Creek
19S20E	KR	Susulatna River
13S21E	KR	Sulatna River
17S14E	KR	North Fork Innoko River
18S21E	KR	Susulatna River
18S21E	KR	Nowitna River
14S11E	KR	Yuki River
14S11E	KR	Ketlkede Creek
11S14E	KR	Yuki River
14S12E	KR	Yuki River
14S12E	KR	East Fork Yuki River
18S15E	KR	North Fork Innoko River
13S12E	KR	Yuki River
13S12E	KR	East Fork Yuki River
11S13E	KR	Yuki River
12S13E	KR	Yuki River

2628

**Kisaralik River System
Final Summary Report
Attachment 14**

(2628) 961

September 29, 1992

Memorandum

To: Central Files

From: Navigable Waters Specialist

Subject: Inquiries about Navigability of Kisaralik River

On September 23, Paul Jackson came to the Public Room for information about the navigability status of the Kisaralik River. I asked him what part of the river he was concerned about as it likely was not all of the same status. He had heard it was navigable and therefore he thought it was under State jurisdiction. His interest was in making a private float down the river. He needed to get to work, so I researched it and called him back at 562-4155 where he works for the successor to the Northrim Corporation. I called him back and informed him that the lowest about three miles in T. 9 N., R. 67 W., SM, were excluded from conveyance to Kokarmuit Corporation (Akiak); through the rest of that township and through 8 and 9 N., R. 66 W., SM, the riverbed was conveyed to the corporation by IC 610. Upstream, through the Togiak Refuge, no formal determination of navigability has been made. Beyond the refuge in Tps. 3 N., R. 59 W., and 3 and 4 N., R. 60 W., the land is patented to the State. I believed they considered it navigable. I said I did not have information about permits and any management arrangements of the State and the USF&WS.

On Monday, September 28, Dan Allison of the State's Division of Water called for information about the Kisaralik as he had a question from the public and could not find indications in his office about the river's navigability status. He said he understood the river is navigable on some State-owned lands, but had no record to indicate it. I rechecked the status and phoned him back with the information.

The following is a summary of the navigability status of the Kisaralik River at this time. It was determined navigable for the first few miles to a tributary in Sec. 13, T. 9 N., R. 67 W., and excluded from IC 610. The next fifteen or so miles of its bed was conveyed to the Kokarmuit Corporation for village of Akiak (from the fork in Sec. 13, T. 9 N., R. 67 W. through Tps. 9 N., 67 W., 9 N., 66 W., and 8 N. 66 W., SM). It is in the Togiak National Wildlife Refuge through nine townships where BLM never determined its navigability (T. 8 N., Rs. 64 and 65 W., Tps. 5-8 N., 63 W., Tps. 3, 4 and 5 N., R. 62 W., T. 3 N., R. 61 W., SM). In Tps. 3 N., R. 59 W., and 3 and 4 N., R. 60 W., patented to the State of Alaska, the Chief, Navigability Section, concurred that the Kisaralik is navigable. [C. Michael Brown to Dennis P. Daigger, June 17, 1990, in file 2628 (961)].

Edgar A. Eunkart



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 W. 7th Avenue, #13
ANCHORAGE, ALASKA 99512-7599

2628 (930)

DEC 13 1995
1995

Mr. Michael B. Rearden
Refuge Manager
Yukon Delta National Wildlife Refuge
P.O. Box 348
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.

2

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 Kwethluk 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-16594 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 S½ 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 SW¼NW¼ Sec. 35, T. 13 N., R. 64 W., SM, including Yukaniluk 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. 68W., 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. 13 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. 13N., R. 64 W., SM, to a point in the middle of Sec. 12, T. 13 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 NW $\frac{1}{4}$ 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-15812-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.

STATE OF ALASKA

DEPARTMENT OF LAW

OFFICE OF THE ATTORNEY GENERAL

December 17, 1996

TONY KNOWLES, GOVERNOR

PLEASE REPLY TO:

- 1031 WEST 4TH AVENUE, SUITE 200
ANCHORAGE, ALASKA 99501-1994
PHONE: (907) 269-5100
FAX: (907) 278-3697
- KEY BANK BUILDING
100 CUSHMAN ST., SUITE 400
FAIRBANKS, ALASKA 99701-4679
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FAX: (907) 451-2848
- P.O. BOX 110300-DIMOND COURT HC.
JUNEAU, ALASKA 99811-0300
PHONE: (907) 465-3600
FAX: (907) 465-6735

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Bruce Babbitt
Department of the Interior
1849 C Street NW
Washington, D.C. 20240

Kisaralik River System
Final Summary Report
Attachment 15

Dear Mr. Babbitt:

The State of Alaska intends to file real property quiet title actions as to the submerged lands described on the list attached as appendix A, and is providing you this notice pursuant to 28 U.S.C. § 2409a(m). Title to these lands passed to Alaska at statehood based on the equal footing doctrine, the Submerged Land Act of May 22, 1953, P.L. 83-31, 67 Stat. 29, 43 U.S.C. §§ 1301 et seq., and the Alaska Statehood Act of July 7, 1958, P.L. 85-508, 72 Stat. 339, 48 U.S.C. note preceding §21.

Sincerely,

BRUCE M. BOTELHO
ATTORNEY GENERAL

By: *Joanne M. Grace*
Joanne M. Grace
Assistant Attorney General

Attachment

cc: Laurie Adams, Regional Solicitor, Department of Interior
Tom Allen, State Director, Bureau of Land Management
Niles Cesar, Area Director, Bureau of Indian Affairs
David B. Allen, Regional Director, Fish and Wildlife Service
Robert Barbee, Regional Director, National Park Service

APPENDIX A

Copper River Region
Copper River

Northern Region
Kuk River
Meade River
Kukpowruk River

Bristol Bay Region
Arolik River
Kanektok River
Kisaralik River
Goodnews River
Togiak River



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

9600 (924)

**Kisaralik River System
Final Summary Report
Attachment 16**

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. 61W., 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

¹File also in Native Allotment Files: F17062, F16917, F16013, F17018, F15903

topographic map (aerial photography taken 1955 and 1957) and 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 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 "Chicoyulnuk", 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.



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)

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)

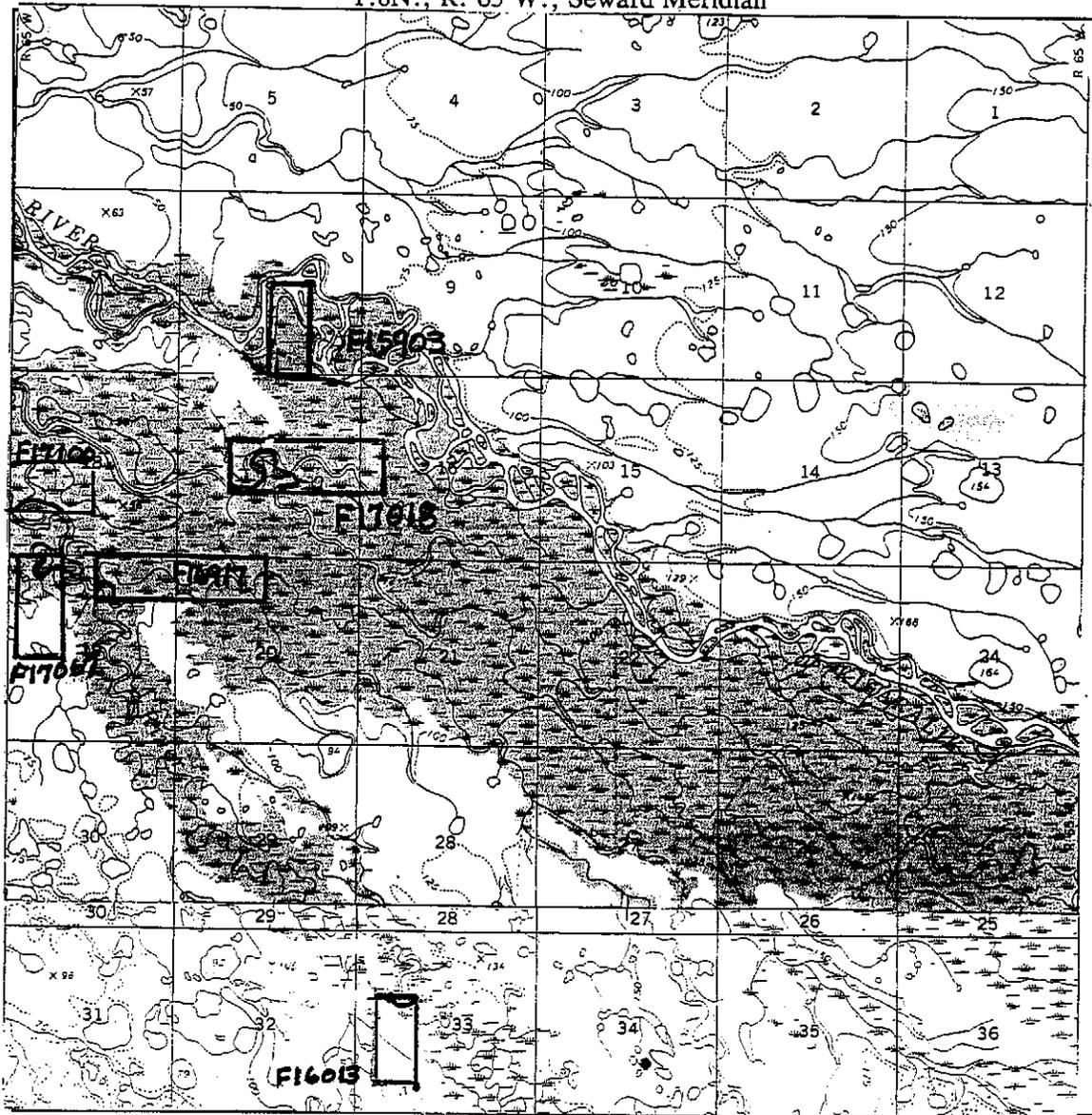
T. 8 N., R. 66 W.

Kasigluk River in Native Allotment F17100 - (See Map)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NAVIGABILITY MAP - PPP WINDOW 2700

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



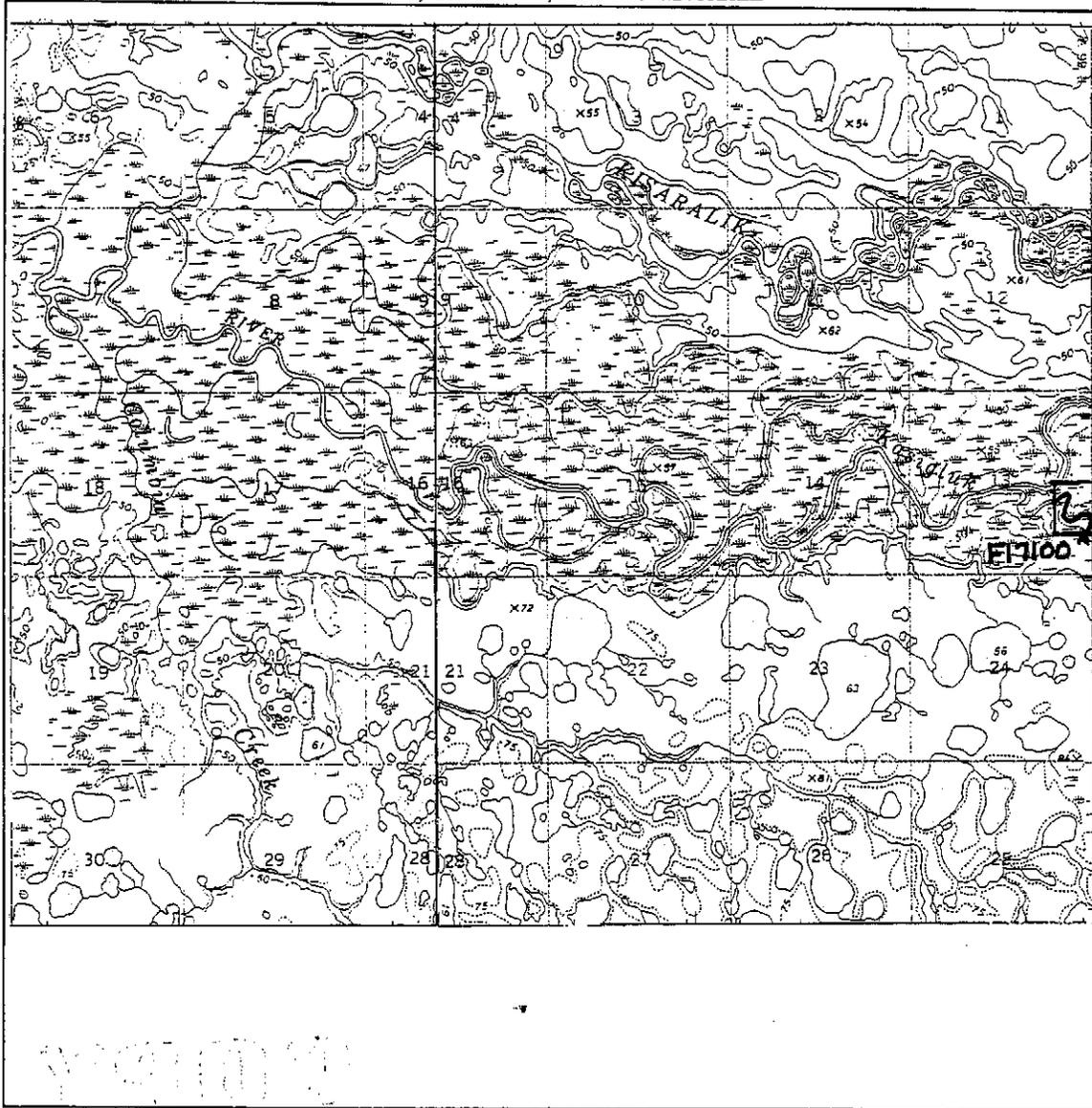
SCALE: 1" = 1 Mile

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

**Kisaralik River System
Final Summary Report
Attachment 17**

**U. S. SURVEY
No. 12142, ALASKA
COMPRISING 2 LOTS**

SITUATED ON THE CHICOYULWINK RIVER (LOCAL NAME)

APPROXIMATELY 24 MILES EASTERLY
OF THE VILLAGE OF KWETHLUK, ALASKA

WITHIN TOWNSHIP 8 NORTH, RANGE 65 WEST,
SEWARD MERIDIAN, ALASKA

THE GEOGRAPHIC POSITION OF
CORNER NO. 2, LOT 2, IS:

LATITUDE: 60°47'10.06" NORTH,
(NAD 27)
LONGITUDE: 160°43'51.90" WEST

AREA: 159.99 Acres.

SURVEYED BY

CHARLES E. AKIN, JR.,
REGISTERED ALASKA LAND SURVEYOR No. LS-5131,
FOR
THE ORGANIZED VILLAGE OF KWETHLUK IRA COUNCIL

JULY 27, 1998 THROUGH AUGUST 3, 1998

UNDER SPECIAL INSTRUCTIONS
DATED MARCH 11, 1997,
APPROVED DECEMBER 10, 1997,
AMENDED SPECIAL INSTRUCTIONS
DATED JULY 23, 1998,
APPROVED JULY 23, 1998,
AND CONTRCT No. 1422-N660-C98-3035,
AWARDED JUNE 4, 1998.

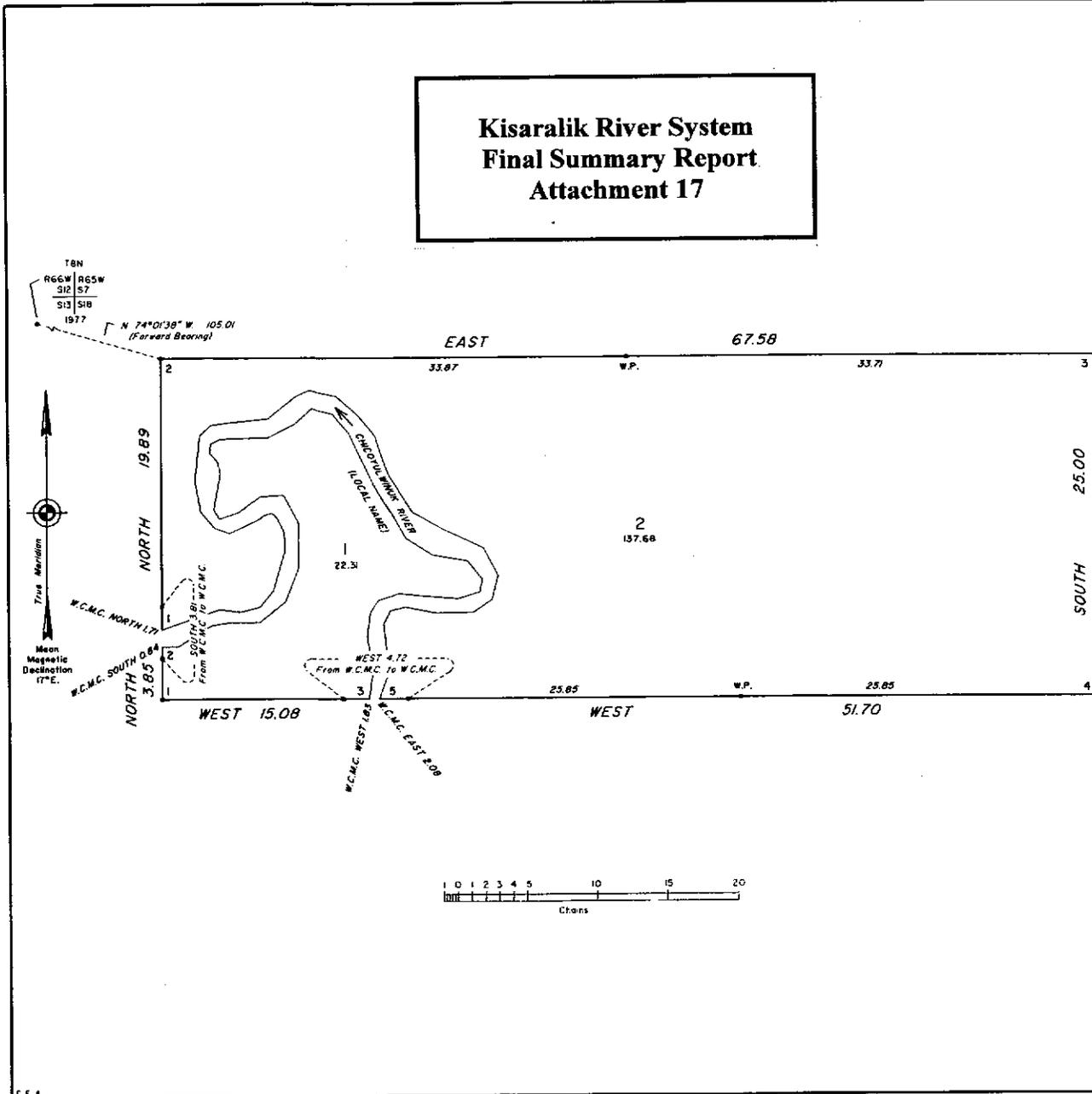
Acceptance of this survey does not purport to
transfer any interest in submerged lands to which
the State of Alaska is entitled under the Equal
Footing Doctrine and Section 5 (m) of the Alaska
Statehood Act, P.L. 85-508, not withstanding the
use, location, or absence of meander lines to
depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This plat is strictly conformable to the approved
field notes, and the survey, having been
correctly executed in accordance with the
requirements of law and the regulations of this
Bureau, is hereby accepted.

For the Director

George D. Christ 2 JUNE 1999
Date
Deputy State Director for Cadastral Survey,
Alaska.



STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF LAND

TONY KNOWLES, GOVERNOR

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

**Kisaralik River System
Final 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



United States Department of the Interior

*Dale Nyholm
Haskell*

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

**Kisaralik River System
Final Summary Report
Attachment 19**

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

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,

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

Ralph Basner

07/05/2000 01:58

**Kisaralik River System
Final Summary Report
Attachment 20**

To: Bob Perry/AKSO/AK/BLM/DOI@BLM

cc:

Subject: Kisarlik River Navigability

Bob,

As per our navigability review, dated Nov. 7, 1997, the Kisaralik River was administratively determined non-navigable, within Native allotments situated in T. 8 N., Rs. 63 and 64 W., SM (survey window 2700).

Ralph



United States Department of the Interior

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

JUL 26 2000

**Kisaralik River System
Final Summary Report
Attachment 21**

~~F-14824~~ Bethel-GS-FY 2000
AA-6671-EE (75.4)¹
9600 (924)

Memorandum

To: Chief, Branch of Survey Preparation and Policy Interpretation (925)

From: Chief, Branch of Mapping Sciences (924)

Subject: Navigability Determination for Waters in Native Allotment or ANCSA
Sec. 14(h)(1) applications for Survey Window 2732 (Akiak)

This memorandum identifies navigable waters on lands which are within the Yukon Delta National Wildlife Refuge, and were applied for under the Native Allotment Act of 1906 or the Alaska Native Claims Settlement Act of 1971. Survey Window 2732 is comprised of 10 townships containing 16 Native allotment application parcels, and one ANCSA Sec. 14(h)(1) application parcel.

Streams averaging three chains or more in width and lakes fifty acres or more in size are not listed in this report because, regardless of their navigability status, they are segregated on the survey plats. Some of the water bodies are tidally influenced. By law, the tidal portions of those streams belong to the State and are, accordingly, meandered at the time of survey. Only streams and interconnecting sloughs less than three chains in width and lakes less than fifty acres in size that are potentially navigable and which bisect unsurveyed Native allotment applications are addressed.

Having reviewed Window 2732, we find that all water bodies bisecting Native allotment parcels have previously been determined nonnavigable in BLM reports dated November 7, 1997 (Window 2700), and January 13, 1998 (Window 2029, Part 1).

~~F-14824~~
AA-6691-EE (75.4), AA-10224 (2653), AA-56257, F-13191, F-13378, F-13379, F-15899, F-15901, F-15903, F-15918, F-15921, F-16129, F-16592, F-16595, F-17230, F-18251, F-19273, F-19393 (2651)

In addition, ANCSA Sec. 14(n)(1) application AA-10224 was reviewed. Photographs in the BIA field report of July 25, 1990, and BLM aerial photographs show that the water body is dry and, therefore, is nonnavigable. Native allotments F-16592 and F-16595 abut the Kuskokwim River and the Kuskokuak Slough which are tidally influenced, and no navigable waters bisect the allotments.

The BLM's navigability determinations are based on Federal law of title navigability. In a March 16, 1976, memorandum, Associate Solicitor Hugh C. Garner summarized the law for the purpose of administering the Alaska Native Claims Settlement Act. In general, nontidal water bodies are navigable if, at the time of statehood, they were used or susceptible to use for travel, trade and commerce. The Ninth Circuit Court's decision of December 13, 1989, on the navigability of the Gulkana River provides additional guidance. In this case, the Court found that watercraft customary at statehood included boats with a load capacity of about 1,000 pounds. The court further held that 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.

W GUST PANOS

cc:

State of Alaska
Department of Natural Resources
Navigability Unit
550 West 7th Avenue, Suite 1050A
Anchorage, Alaska 99501-3579
ATTN: Kathy Atkinson

State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Realty Services Section
550 West 7th Avenue, Suite 1050A
Anchorage, Alaska 99501-3579

Robin Willis
State of Alaska
Department of Fish and Game
Habitat Division
333 Raspberry Road
Anchorage, Alaska 99518

Refuge Manager
Yukon Delta NWR
101 12th Avenue, Box 14
Fairbanks, Alaska 99701

Warren Keogh
Navigable Waters Specialist
Water Resources Branch, Region 7
U.S. Fish and Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99503

Calista Corporation
601 West 5th Avenue, Suite 200
Anchorage, Alaska 99501-2225

Kwethluk Incorporated
P.O. Box 109
Kwethluk, Alaska 99621

Kwethluk IRA
P.O. Box 127
Kwethluk, Alaska 99621

Akiak Native Community
P.O. Box 52127
Akiak, Alaska 99552

Orutsararmuit Native Council (ONC)
P.O. Box 127
Bethel, Alaska 99559

Association of Village Council Presidents (AVCP)
P.O. Box 219
Bethel, Alaska 99559

James Hawke, Jr., Land Surveyor (925)

Chief, Branch of Field Surveys (921)

Chief, Survey Data Research Section (926)

Chief, Branch of Native Allotment Adjudication (964)

Anchorage Field Office (040)

Tiffany Martinez (952)
(Electronic Copy)

Kathy Flippen (924)

Navigable Waters in Window 2732 by Township
in Native Allotments and one Historical Place Application

Seward Meridian

T. 9 N., R. 61 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 9 N., R. 62 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 10 N., R. 62 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 7 N., R. 63 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 8 N., R. 63 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 8 N., R. 64 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 8 N., R. 65 W.

None on selected lands. (See report for Window 2700 dated 11/7/97.)

T. 8 N., R. 66 W.

None on selected lands. (See report for Window 2029 dated 1/13/98.)

T. 5 N., R. 67 W.

None on selected lands.

T. 9 N., R. 68 W.

None on selected lands.

RECEIVED
National Archives and Records Administration
For the Administration
of the National Archives
and Records Administration
11/13/98

**Kisaralik River System
Final Summary Report
Attachment 22**

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 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:

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



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>

**Kisaralik River System
Final Summary Report
Attachment 23**

4411/6
F-14824-EE (75.04)

F-14824-A (2651)

F-14824-A2 (2651)

(961) drb/sla

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

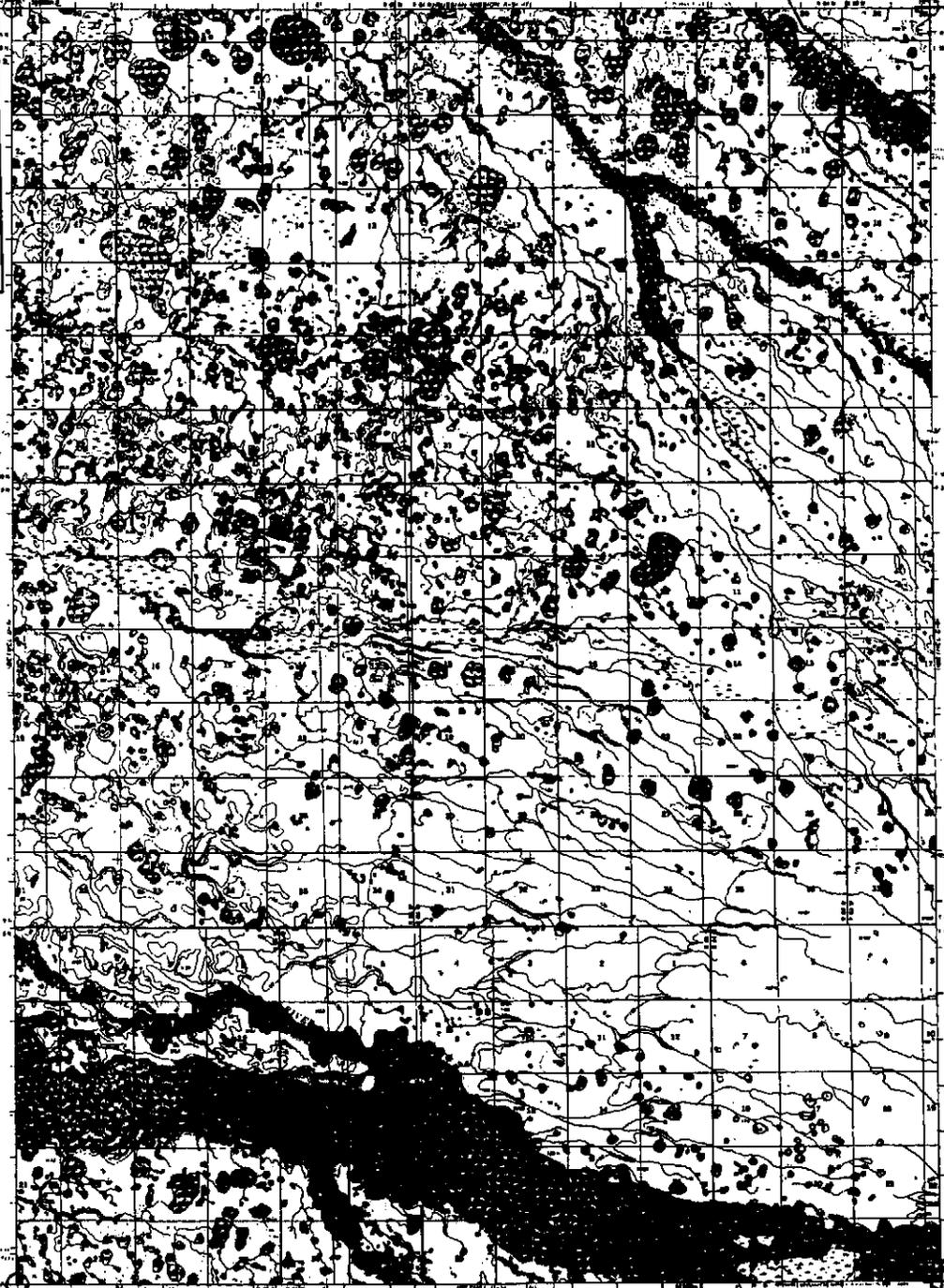
Anchorage Field Manager (040)

Easement Reading File (961)

DATE	1/25/62
SCALE	5:25
PROJECT	
MAP SHEET	
SECTION	

1 **7** **1**
 Showing distribution of tidal influence
 on 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 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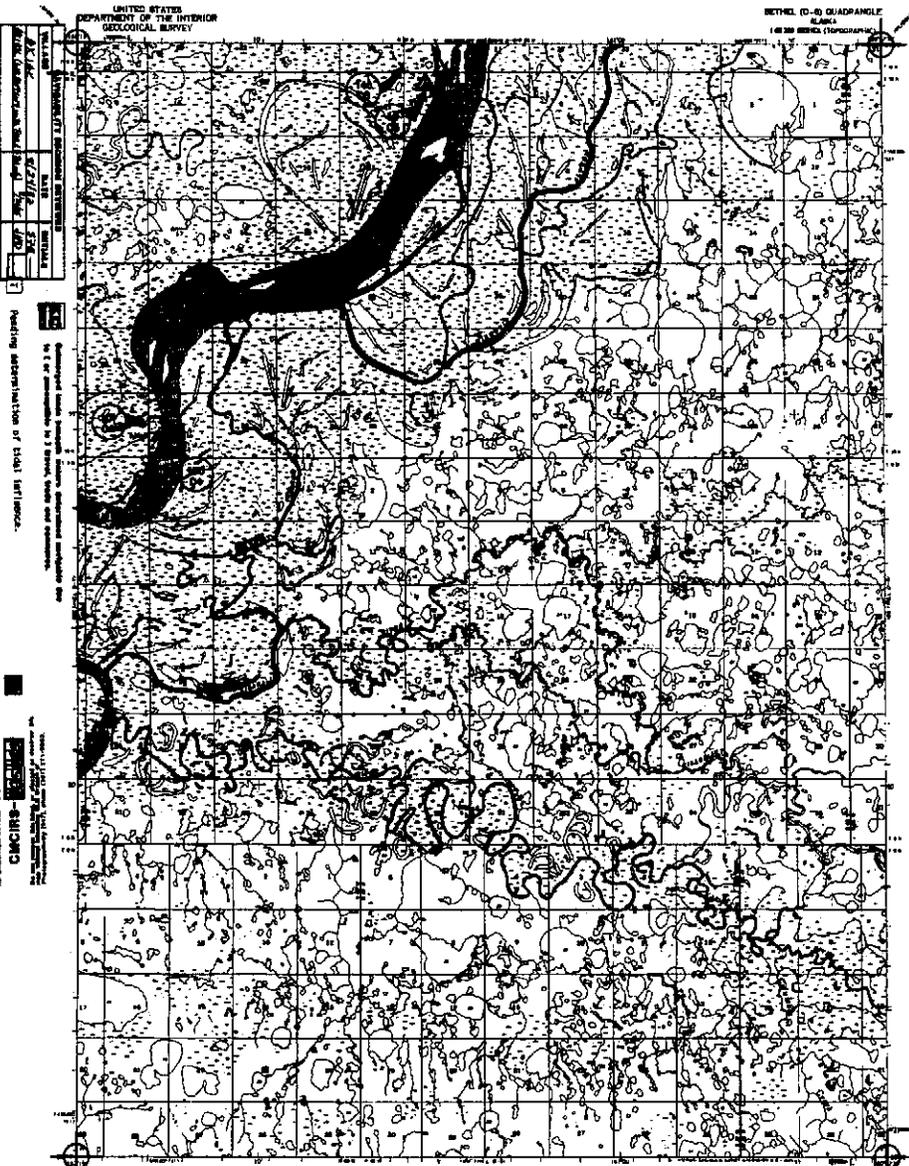
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Section	
Project	



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 1/25/62

BETHEL (D-5) QUADRANGLE
 ALASKA
 1:50,000 SCALE (TOPOGRAPHIC)

7100-10-10-10-10-10



Scale	1:62,500
Projection	Alaska Albers
Zone	18N
Grid	UTM
Contour Interval	20 Feet
Vertical Datum	Mean Sea Level
Horizontal Datum	NAD 83
Map Date	1967
Revision	1

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
BETHEL (D-6) QUADANGLE
ALASKA

Scale 1:62,500
Alaska Albers
Zone 18N
UTM
Contour Interval 20 Feet
Vertical Datum Mean Sea Level
Horizontal Datum NAD 83

Obtain from the Army Map Service
Revised and available to the Geological Survey
Contact at WASH DC and LARE



VERTICAL DATUM OF FEET
MEAN SEA LEVEL
HORIZONTAL DATUM OF FEET
NAD 83
SCALE 1:62,500



NO CLASSIFICATION
Bethel D-6
BETHEL (D-6) ALASKA
Sheet 1 of 1

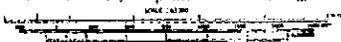
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RURBAN MIBSON (A-6) QUADRANGLE
ALASKA
1:50,000 SCALE (CARTOGRAPHIC)



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United States Government Printing
1200 North 17th Street
Alaska Office, Anchorage, Alaska
Litho. Survey of Geology and Mineral Resources
Alaska Division, 415 North 17th Street
Anchorage, Alaska



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A major geological resource and a national asset.



ALASKA DEPARTMENT OF NATURAL RESOURCES
Rurban Mibson A-6
ALASKA
1:50,000 SCALE (CARTOGRAPHIC)
1964
Current To Date 01-20-2006



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Alaska State Office
222 W. 7th Avenue, #13
Anchorage, Alaska 99513-7599
<http://www.ak.blm.gov>

**Kisaralik River System
Final Summary Report
Attachment 24**

9600 (927)

Bethel-VS-FY 2006
Russian Mission-VS-FY 2006
F-14823-A (2651)¹

MAR 14 2006

Memorandum

To: Chief, Branch of Survey Planning and Preparation (927)

From: Chief, Navigability Section (927)

Subject: Navigable Waters within ANCSA-Selected and Interim-Conveyed lands in the Akiak-Akiachak Village Project Area

This memorandum identifies navigable waters on certain lands within nineteen (19) townships, including pending ANCSA-selected and Interim-Conveyed lands within the above-mentioned project area. These lands located within the Yukon Delta National Wildlife Refuge are scheduled for survey during the 2006 field survey season. The authority to identify navigable waters on selected lands rests in the Native Allotment Act, the Alaska Statehood Act, and the Alaska Native Claims Settlement Act.

The appendix lists the 19 townships addressed by this report. For each township, the navigable waters, if any, are identified and previous navigability determinations are referenced. The appendix also notes determinations of navigability made or affirmed for water bodies on selected lands as a result of this report. The appendix does not include rivers and streams 198 feet wide or wider or lakes fifty acres or more in size as these water bodies are meandered in accordance with the principles in the Bureau of Land Management, 'Manual of Surveying Instructions' (1973). The exceptions are the Kuskokwim, Kisaralik, and Gweek Rivers; and the Kuskokuak, Mishevik, and Reindeer Sloughs as they were declared navigable in previous determinations. If water bodies are less than meanderable size and are not listed in the appendix, they are non-navigable as they are too short, steep, narrow, or shallow for travel, trade and commerce.

Selected lands within Tps. 12 N., Rs. 68 and 69 W., Seward Meridian, were screened for navigable waters utilizing USGS topo quads, orthophotos, aerial photos, previous navigability

¹ F-14823-A2 (2651), F-14824-A (2651), F-14824-A2 (2651), F-14823-EE (75.04), F-14824-EE (75.04)

determinations and interview reports. As a result of our findings, we determine the Israthorak Creek to be navigable for travel, trade and commerce within the above-mentioned lands.

On May 8, 1989, a determination was made for a tributary of an interconnecting slough of the Kisaralik River on selected lands within T. 9 N., R. 66 W., Seward Meridian. Also included was an interconnecting stream of Mishevik Slough and slough connecting to a lake on selected lands within T. 10 N., R. 66 W., Seward Meridian. These water bodies were determined navigable based on the "one-person kayak" criteria. The selected lands within Tps. 9 and 10 N., R. 66 W., Seward Meridian, were screened for navigable waters utilizing USGS topo quads, aerial photos, and previous navigability reports and maps, which confirmed the presence of landlocked lakes and narrow streams. As a result of our findings, we have further determined that these lands contain no navigable waters.

Selected lands within T. 12 N., R. 70 W., Seward Meridian, were screened for navigable waters utilizing USGS topo quads, orthophotos, and aerial photographs, which confirmed the presence of landlocked lakes and short narrow streams. As of result of our findings, we determine that these lands contain no navigable waters.

The BLM-Alaska's navigability determinations are based on Federal law of title navigability. Title to unreserved lands underlying navigable waters vested in the State at the time of statehood. As a general rule, inland waters are navigable if, at the time of statehood, they were used, or were susceptible to use, for travel, trade, and commerce. In a memorandum dated March 16, 1976, Associate Solicitor Hugh C. Garner summarized the Submerged Lands Act of 1953 (43 U.S.C. 1301) and Federal case law pertaining to title navigability. The Alaska Submerged Lands Act of 1988 (P.L. 100-395) provides specific direction regarding navigability determinations and survey meanders for land transfers under the Alaska Statehood Act, Alaska Native Claims Settlement Act, and the Native Allotment Act. Additional guidance is provided in *Appeal of Doyon, Ltd.*, Alaska Native Claims Appeal Board RLS 76-2, 86 I.D. 692 (1979) [Kandik and Nation Rivers]; *Alaska v. United States*, 754 F.2d 851 (9th Cir. 1983), *cert. denied*, 474 U.S. 968 (1985) [Slopbucket Lake]; *Alaska v. Ahtna, Inc.*, 891 F.2d. 1401 (9th Cir. 1989), *cert. denied*, 495 U.S. 919 (1990) [Gulkana River]; *United States v. Alaska*, Original No. 84 (1997) [Naval Petroleum Reserve No. 4]; and *Alaska v. United States*, No. 98-35310 (9th Cir. 2000) [Kukpowruk River].



Attachment:
Appendix

cc:

State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Navigability Unit
550 W. 7th Avenue, Suite 1330
Anchorage, Alaska 99501-3514
Attn: Scott Ogan

State of Alaska
Department of Natural Resources
Division of Mining, Land and Water
Realty Services Section
550 W. 7th Avenue, Suite 1050A
Anchorage, Alaska 99501-3514

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

U.S. Fish and Wildlife Service
Water Resources Division
1011 East Tudor Road
Anchorage, Alaska 99503
Attn: Warren Keogh

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

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

Akiachuk, Limited
P.O. Box 51010
Akiachak, Alaska 99551-0010

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

Chief, Branch of Lands and Realty (932)

Chief Branch of Preparation and Resolution (962)

Chief, Branch Adjudication II (964)

Anchorage Field Office (040)

Rory Spurlock (927)

Rodney Harvey (954C)
(Electronic Copy)

Group File Nos. 972 and 983

Groups 972 and 983 (Field packets)

Dominica Van Koten (927)

Appendix

Navigable Waters Within Certain ANCSA-Selected and Interim-Conveyed, Lands in the Akiak-Akiachak Village Project Area

Seward Meridian, Alaska

T. 9 N., R. 65 W.

Secs. 19, 25-28, 33-36

No navigable waters (05/08/89)

Secs. 29-32 (IC 610)

No navigable waters (DIC of 06/29/82)

T. 8 N., R. 66 W.

Secs. 22-24

No navigable waters (01/13/98)

Secs. 1-18 (IC 610)

No navigable waters (DIC of 06/29/82)

T. 9 N., R. 66 W.

Secs. 1-3, 11-14, 19, 23, 24, 28-30, 32, and 33

No navigable waters

Secs. 4-10, 15-22, 25-36 (IC 610)

No navigable waters (DIC of 06/29/82)

T. 10 N., R. 66 W.

Secs. 3, 10, 15, 22, 27, 34

No navigable waters

Secs. 4-9, 16-21, 28-33 (IC 610)

Kuskokwim River and Mishevik Slough (DIC of 06/29/82)

T. 8 N., R. 67 W.

Secs. 1-4, 10-14 (IC 610)

No navigable waters (DIC of 06/29/82)

T. 9 N., R. 67 W.

Secs. 9, 10, 15, 16, 24, and 25

No navigable waters (06/22/82)

Secs. 1-36 (IC 610)

Kuskokwim River, Kuskokuak Slough, Reindeer Slough, and Kisaralik River from its confluence with the Kuskokwim River to the "Y" in Sec. 13, T. 9 N., R. 67 W., Seward Meridian (DIC of 06/29/82)

T. 10 N., R. 67 W.

Secs. 1-30, 32-36, and U.S. Survey No. 2243 (IC 610)

Kuskokwim River, Mishevik Slough, and Reindeer Slough (DIC of 06/29/82)

Lot 11, Block 8, Tract A, U.S. Survey No. 5068 (IC 1125)

No navigable waters (DIC of 08/22/85)

Lot 5, Block 14 and Lot 4, Block 16, Tract A, U.S. Survey No. 5068 (IC 1131)

No navigable waters (DIC of 08/09/85)

T. 11 N., R. 67 W.

Secs. 2-11, 14-19, 22, 23, 26, 27, 34, and 35

No navigable waters (06/22/82 and 05/08/89)

Secs. 20, 21, 28-33 (IC 610)

No navigable waters (DIC of 06/29/82)

T. 12 N., R. 67 W.

Secs. 6, 7, 15-23, 26-35

Gweek River (06/22/82)

T. 9 N., R. 68 W.

Secs. 7, 8, 17, and 18

No navigable waters (06/22/82)

Secs. 1-3, 10-15 (IC 610)

Kuskokwim River and Kuskokuak Slough (DIC of 06/29/82)

Secs. 4, 5, 7, 8, 17-21 (IC 618)

Kuskokwim River and Kuskokuak Slough (DIC of 06/29/82)

Secs. 6, 9, and 16 (IC 1027)

Kuskokwim River (DIC of 06/29/82)

T. 10 N., R. 68 W.

Secs. 1-3, 10-15, 22-27, 34-36 (IC 610)

Kuskokwim River (DIC of 6/29/82)

Secs. 4-9, 16-21, 28-31 (IC 618)

Kuskokwim River and Gweek River (DIC of 06/29/82)

Sec. 32 (IC 1027)
Kuskokwim River (DIC of 6/29/82)

T. 11 N., R. 68 W.

Secs. 3-6, 12, 13, 24, and 30
Gweek River (06/22/82)

Secs. 25 and 36 (IC 610)
No navigable waters (DIC of 06/29/82)

Secs. 1, 2, 7-11, 14-23, 26-35 (IC 618)
Gweek River (DIC of 06/29/82)

T. 12 N., R. 68 W.

Sec. 1-24, 27-34
Gweek River (06/22/82)

Israthorak Creek

Secs. 25, 26, 35, and 36 (IC 618)
Gweek River (DIC of 06/29/82)

T. 9 N., R. 69 W.

Secs. 1-24 (IC 618)
Kuskokwim River, Kuskokuak Slough, and Gweek River (DIC of 06/29/82)

T. 10 N., R. 69 W.

Sec. 28
Gweek River (06/22/82)

Secs. 3-36 (IC 618)
Kuskokwim River and Gweek River (DIC of 06/29/82)

Secs. 1 and 2 (IC 1027)
Gweek River (DIC of 06/29/82)

Lot 2, Block 7, U.S. Survey No. 4479 within Sec. 36 (IC 1139)
No navigable waters (DIC of 09/04/85)

T. 11 N., R. 69 W.

Secs. 25 and 36
Gweek River (06/22/82)

Secs. 1-34 (IC 618)
No navigable waters (DIC of 06/29/82)

Secs. 35 and 36 (IC 1027)
No navigable waters (DIC of 06/29/82)

T. 12 N., R. 69 W.

Secs. 1-24
Israthorak Creek

Secs. 25-36 (IC 618)
No navigable waters (DIC of 06/29/82)

T. 11 N., R. 70 W.

Secs. 3-5, 8-10, 15-17, 20-22, 27-29, 32-34
No navigable waters (05/08/89)

Secs. 1, 2, 11-14, 23-26, 35, and 36 (IC 618)
No navigable waters (DIC of 06/29/82)

T. 12 N., R. 70 W.

Secs. 25-29, 32-36
No navigable waters

Kisaralik River System
Final Summary Report
Attachment 25

HWR
HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

Jan
Dec 18th
1924.

Road Commissioner.

Takutna, Alaska.

My dear Sir.

From the circulating rumors
in this vicinity it will be sent to
your Office various petitions
calling for funds to build trails
bridges and side walks etc. etc.
so I will take the liberty of send-
ing you some suggestions with
my recommendation and map
pointing out a road which need
to be built and which will be
of permanent use for the —

12/18/24

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

future development of this district.

By taking a general survey and a careful study of the inclosed Topographical sketch map following the solid lines drawn in Red ink starting at the Supply Camp following the high plateau of that part of the valley lying at the foot of the mountain range, which in places for many miles runs over gravel beds almost

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

level as a floor, there is only one bridge of any size and that the one across Swift Creek before reaching Golden Gate Falls Hydraulic Mine, the other two creeks are small were any kind of bridges will do, at Golden Gate Falls boats could be used for crossing for the trail to Canyon and Boulder Creek Placer Mines until the demands for further improvement.

I will inclose an Estimate of

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

damage to the Golden Gate
by crawler mine on account of not
having a road and bridge across
Swift Creek so the machinery
could have been brought up and
the mine in operation, before it
was stolen from the supply camp
by John H. Felder of Bethel.

Captain Walbridge will con-
struct a Dredge for their Bear
Creek mines and by following
this route to the foot of the
mountain, then branch off

HERMAN WERNER REETH
 GOLDEN GATE FALLS
 AKIAK, ALASKA

across Fog River valley to Tuk-
 uksak it will shorten the dis-
 tant and lessen the expenses
 and be of more benefit to
 the whole Mining district.

In 1919 I chartered Capt. Nicolet's
 power Boat "Alaskan" loaded her
 with twenty tons of machinery and
 supply and went up Righugalik
 River as far as the supply camp.
 Now I understand that a petition
 will be sent to you for the
 building of two foot bridges

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

across the Rignugalik and
Kissalalik Rivers below or near
the Mouth, if you should ~~to~~
decide to have this bridges
built, please have the specific-
ation made out that the bridges
are high enough above the high
water marks to clear such
power boats as the "Alaskan"
otherwise they will be an ob-
struction to navigation.

Summary.

From the Geographical - Top-
ographical and Geological con-

R. E. C. 7

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

ditions of this country, the route for a road can not be better selected, as far as it has been demonstrated by actual development it can be readily seen that it justifies the construction of a wagon road along the lines drawn out on the map, and a road is badly needed for the above mentioned mines to get the machinery to places of operations, further more it will be seen on the map that

HERMAN WERNER REETH
GOLDEN GATE FALLS
AKIAK, ALASKA

the road to Golden Gate Falls touches the Royal Group of quartz mines, which may with further development justify the construction of a five hundred stamp mill and other reduction works not mentioning any thing about the future possibilities of this great mineral belt.

Trusting that you will give the above mention road a careful consideration.

Very Truly yours H.W. Reeth.

COPY

National Archives and Records Administration
Pacific Alaska Region
654 West 3rd Avenue

Anchorage, Alaska 99501-2145
Record Group No. RG-30 Alaska Rd Commission

Box No. / Location Box 38 10/05/11(S)

Additional Information Bureau of Sub. Ids.

Programs Planning & Research Corres.

Umanak, AK 1897-1958

File: 13/152-0

Folder [5]

Kisaralik River System
Final Summary Report
Attachment 26

NAVIGABILITY FIELD REPORT

PHYSICAL DATA

Number/Name of Water Body KISARALIK RIVER Quadrangle 6111

Native Selection Impacted Alik, Kuvethlik

Location of Water Body T 8^N R67W S M Seward

Length 100 mi Width 100' Depth 10'

Area _____

Discharge _____

Bank Characteristics mud/silt to gravel

Channel Characteristics meandering

Obstructions to Navigation depth

Flood Characteristics spring during breakups

Length of Useable Season 6 mo

Type of Watercraft Commonly Used in Area motor boat

Other Transportation Systems Available none

Need of Use of Water Body in Future provide access to
public lands

Tidal Influence none

Remarks: _____

Report Prepared by _____ Review _____

Date _____ Date _____

NAVIGABILITY FIELD REPORT

HISTORICAL OR PRESENT USE DATA

Number/Name of Water Body Kivakuk River Quadrangle

Native Selection Impacted Kuethluk Akiak

Location of Water Body T 9N R 67W S M Seward

Type of Use(s) local subsistence, recreational

Amount of Use heavy during summer months

Area of Use Kuskokwim R. to ^{KILLBUCK} ~~Subarctic~~ Yukon

Season of Use/Date Summer May thru Oct.

Type Watercraft Used motorboat

Development Along Water Body
Past none

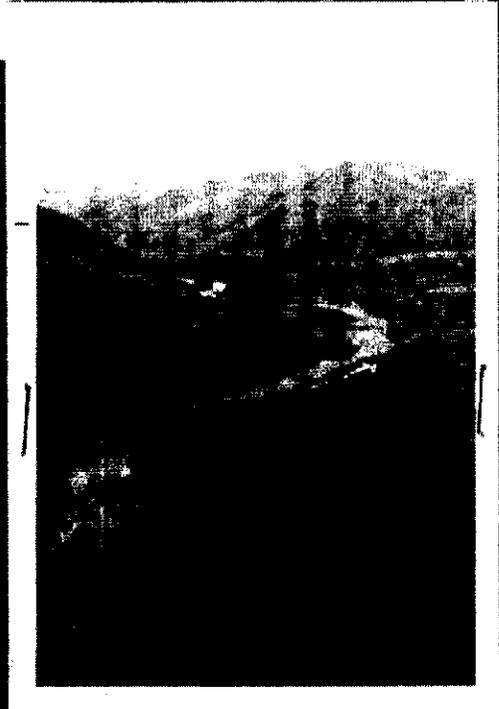
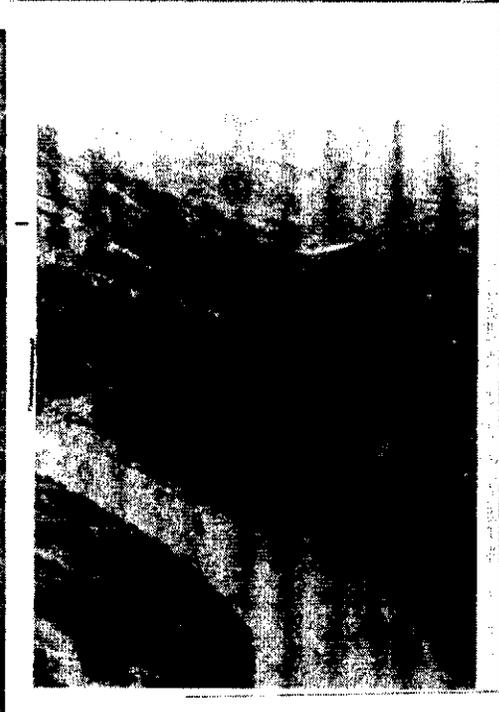
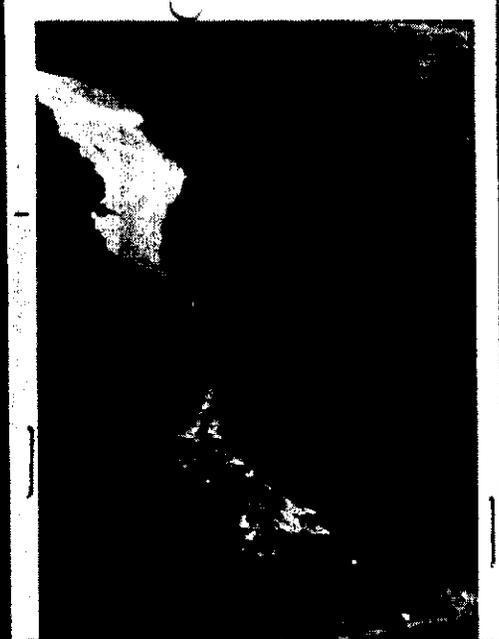
Present _____

Future Access to public domain

Sources of Information Personal observation

Physical Report prepared? Yes No _____

Report Prepared by WRD Review Date 11-3-75



**Kisaralik River System
Final Summary Report
Attachment 27**

Rec'd 9/29/75

Knik Kanoers & Kayakers
3014 Columbia
Anchorage, Alaska 99504
September 18, 1975

Mr. Dick Thompson, Associate State Director
Bureau of Land Management
555 Cordova St.
Anchorage, Alaska 99501

Dear Mr. Thompson:

Enclosed are justification forms on a number of rivers used by Knik Kanoers & Kayakers which require the reservation of public easements. Linear easements are needed on these rivers and streams to facilitate fishing, portaging, scouting rapids, rest stops, etc. Most also require campsite easements.

To summarize the enclosed justification forms, Knik Kanoers have used the following rivers which flow through lands which may be selected by Native corporations:

Agulowag River, Wood River, and the other major rivers of the Wood River country

- Alagnak
- Alatna
- Birch Creek
- Chickaloon (near Palmer)
- Chitina
- Chulitna (Lake Clark)
- Copper (Wrangells)
- Eagle (near Anchorage)
- Eyak
- Gulkana
- John
- Klutina
- Kvichak
- Little Susitna
- Katanuska
- Mulchatna
- Nenana
- Newhalen
- Noatak
- Porcupine
- Stony
- Tazlina
- Tok
- Tolovana
- Tonsina

In addition to these rivers which Knik Kanoers have used personally, we know of many others which have been utilized for recreational boating and fishing, rivers which have been recommended to us as being good float-trips, but for most of which we cannot cite specific names and dates of users. It would be tragic if these rivers were to be left without easements, and thus virtually closed to further public use, for lack of a champion. Since we know of no other organization which could undertake such a task (the Alaska Whitewater Association recently disbanded, turning over to us its files), we have attempted to do so. Our club is fairly small and loosely organized, and we have found this entire project-- information-gathering, poring over some 200 village withdrawal maps, marking needed easements on the maps which we turned in to the BLM this past spring, and preparing the justification forms-- almost impossibly burdensome and time-consuming, far more suited to the abilities of a federal agency with a large staff of clerks and cartographers and files full of data on recreational use, than to the talents of a group of recreational paddlers. It is lamentable that BLM was able to offer us no help whatsoever. The Knik Kanoer who delivered the maps, for instance, found the doors of BLM's state office already locked at 4:23 p.m. After managing to gain entrance, she was unable to turn over the maps to the proper people because they had already gone home. Later a BLM employee--he did not trouble to introduce himself--showed up unannounced at one of our general meetings to complain because we had not submitted justification statements along with the maps. His purpose, plainly, was to criticize, not to offer assistance as a public servant is paid to do. We did not even find it possible to get our questions answered over the phone, since no one person seemed to be in charge of the easement issue, or at least the clerks and secretaries knew of no such person. In short, the BLM seemed to be attempting to make the recommendation and reservation of public easements as difficult as possible, insisting on meaningless red tape, setting impossible deadlines, failing or even refusing to provide the information we needed (the secret "guidelines" are a major case in point). A sorry performance indeed.

Now we understand that things are to be different. New guidelines more in keeping with your mandate to "protect...a full right of public use and access for recreation..." are to be issued, and you have been asked to give the Interior Department a list of those rivers which the public has used in the past for recreational purposes. We urge you to use the information contained in this letter for that purpose, as well as to guide you in the reservation of easements.

In the list below, the village withdrawal through which the river flows is listed in parentheses. To the right is given the information we have which indicates a history of recreational use.

— Ambler (Ambler): a Bureau of Outdoor Recreation (BOR) "Phase 1" river. A list of 166 rivers was recommended to the BOR in 1972 by various governmental agencies and outdoor user groups on the basis of their excellence as recreational rivers qualified to

be added to the National Wild and Scenic Rivers System. Of these 166, the BOR in June 1972 culled a list of 69 for further study. These were the "Phase I" rivers. The Ambler was furthermore among the 35 "Study" rivers chosen later in 1972 for intensive investigation, including float trips on each of them. (Failure to be chosen for "Study" status is no reflection on a river's recreational values; that category tended to be based on ease of management and other political considerations.) In addition, the Ambler was among the 144 rivers statewide recommended for wild and scenic river status on the basis of their excellence as recreational resources by the Alaska Wilderness Council on Jan. 6, 1972 (hereinafter referred to as the Alaska Wilderness Council's "A" list; another covering 28 rivers was issued the same day, the "B" list).

Andreafsky (Andreafsky, Pilot Station, Pitkas Point, St. Mary's): on the Alaska Wilderness Council's A list (see above); a BOR Phase I and Study river.

Aniak (Aniak, Chuathbaluk): on the Alaska Wilderness Council's A and B lists; has been floated by Bethel resident Ray Baxter and by Sepp Webber (see the latter's article in Alaska Magazine, July and August 1971).

Arolik (Kuinhajak): Ray Baxter has run it and knows of two parties that traveled it this summer.

Beaver Creek (Beaver): on the Alaska Wilderness Council's A and B lists; on a similar list of 18 rivers prepared by the Fairbanks Environmental Center on Jan. 7, 1972, again as a recommendation for wild and scenic river status; a BOR Phase I and Study river; suggested for wild and scenic river study by ADF&G field personnel in 1966-67. Proposed by the Interior Department's d-2 legislation as a wild river. See article on trip by Albert Weber and party, Alaska Magazine, Sept. 1969.

Black (Chalkyitsik): on Alaska Wilderness Council's A list.

— Buckland (Buckland): on Alaska Wilderness Council's A list.

Caribou (Nelson Lagoon): on Alaska Wilderness Council's A list.

— Colville (Nooiksut): on Alaska Wilderness Council's A list; a BOR Phase I river.

Copper River-Iliamna (Kakhonak): on Alaska Wilderness Council's A and B lists; a BOR Phase I and Study river; heavily-used float-fishing stream.

Eek (Eek): former Bethel resident Cal Lensink knows of a party that ran the river this year.

— Fish (Council, Golovin, White Mountain): on Alaska Wilderness Council's A list; recommended by ADF&G field personnel in 1966-67 for study as a wild river.

Gibraltar River-Dream Creek (Kakhonak): Alaska Wilderness Council A list.

Goodnews (Goodnews Bay, Platinum): on Alaska Wilderness Council A list; floated as part of ADF&G stream survey, 1975; Bethel resident Ray Baxter and former Bethel resident Cal Lensink say it is run quite often.

Hodzana (Beaver): on Alaska Wilderness Council A list.

Holitna (Red Devil, Sleetmute): on Alaska Wilderness Council

A and B lists; recommended by ADF&G personnel in 1966-67 for study as a wild river; in conservationists' d-2 legislation of 1974 and 1975 as a wild river; a BOR Phase I and Study river; Ray Baxter also ran it in 1975.

Iliamna (Pedro Bay): on Alaska Wilderness Council's A list.
Innoko (Holy Cross, Takotna, Shageluk): on Alaska Wilderness Council's A list.

Kakhonak (Kakhonak): recommended by ADF&G field personnel for study as a wild river in 1966-67.

Kanektok (Kuinhajak): on Alaska Wilderness Council's A and B lists; a BOR Phase I and Study river; Ray Baxter has run it also.

Karluk (Karluk): recommended by ADF&G field personnel as a wild river in 1966-67; on the Alaska Wilderness Council's A list; a BOR Phase I and Study river.

Kisaralik (Akiak, Akiachak, Bethel, Kwethluk): on the Alaska Wilderness Council's A list; former Bethel resident Cal Lensink confirms that it has been run by recreational paddlers.

— Kobuk (Ambler, Kiana, Kobuk, Noorvik, Shungnak): recommended by ADF&G field personnel as a wild river in 1966-67; on the Alaska Wilderness Council's A and B list and the Fairbanks Environmental Center's list; a BOR Phase I river; Bob Waldrop and John Kauffman have run it (1973).

— Koyuk (Koyuk): on the Alaska Wilderness Council's A list.

Koyukuk (Alakaket, Alatna, Bettles Field, Hughes, Huslia, Koyukuk, Mary's Igloo): Alaska Wilderness Council A list; on the Fairbanks Environmental Center list; a BOR Phase I river. Long a major travel and exploration route.

Kwethluk (Akiachak, Akiak, Bethel, Kwethluk, Napaskiak, Oscarville): run by ADF&G in 1975 stream survey.

Lake Creek (Nelson Lagoon): on Alaska Wilderness Council A list.

— Meade (Atkasook): on Alaska Wilderness Council A list.

Melozitna (Ruby): on Alaska Wilderness Council A list; a BOR Phase I river; proposed for wild river status in conservationists' 1974-75 d-2 legislation.

Meshik (Port Heiden): Alaska Wilderness Council A list.

Niuklik (Council): Alaska Wilderness Council A list.

Nushagak (Ekuk, Ekwok, Clark's Point, Dillingham, Koliganek, New Stuyahok, Portage Creek): a BOR Phase I river. Paddled by Sepp Webber (see article in July-August 1971 Alaska Magazine).

Nuyakuk (Koliganek): recommended in 1966-67 by ADF&G field personnel for study as a wild river; on Alaska Wilderness Council's A and B lists; a BOR Phase I and Study river.

— Shaktoolik (Shaktoolik): on Alaska Wilderness Council's A list.

— Shungnak (Kobuk, Shungnak): on Alaska Wilderness Council's A list.

Situk (Yakutat): recommended by ADF&G field personnel for study as a wild river in 1966-67; on Alaska Wilderness Council A list; one of Southeast's major sport fishing streams.

— Squirrel (Kiana): a BOR Study river.

Tazimina (Iliamna, Newhalen, Nondalton, Pedro Bay); recommended by ADF&G field personnel for study as a wild river in 1966-67; on the Alaska Wilderness Council's A list.

Togiak (Togiak, Twin Hills); on the Alaska Wilderness Council's A and B lists; a BOR Phase I river.

Wild (Bettles Field); on the Alaska Wilderness Council's A list; a BOR Phase I and Study river. Run by Pat and Gene Earnest in 1965 (see Alaska Magazine, October 1973). Historically it was heavily-used by the public; it had its own gold rush in 1913-1915.

Wulik (Kivalina); Bob Armstrong of ADF&G floated this good fishing stream some years ago.

Please disregard easement marked on the Tuluksak village map for the Tuluksak River; this was an error. Knik Kanoers have no evidence that the Tuliksak has been used for recreational purposes.

The statements made herein and in the attached justification sheets can be supported by affidavits and xerox copies of documents if required. We hope that this material is valuable to you in the reservation of public easements along these rivers. If you have questions, please do not hesitate to call me at 277-0770.

Sincerely yours,



Ed Swanson
President

- cc: Gov. Jay Hammond
- Sen. Ted Stevens
- Sen. Mike Gravel
- Rep. Don Young

Paul & Sharon Allred (907) 783-2216 (800) 825-8196

Wednesday, May 18, 1994

Mr. Danny R. Allison
Alaska Department of Natural Resources
PO Box 107005
Anchorage, AK 99510-7005



Dear Mr. Danny R. Allison:

I would like to ask the State of Alaska for a permit to operate commercial sport fishing float trips on the Kwethluk River.

Last year I floated it on a hunting trip. We landed in a small lake next to the river. We pulled our loaded 16 foot raft out of the lake down the outlet stream right into the Kwethluk. I think the Kwethluk River is a navigable river from what I understand about the states definition of a navigable river. Is the Kwethluk a navigable river according to the state of Alaska?

I have floated the Kisaralek River from Kisaralek Lake as well. It seemed quite navigable to me. Does the state of Alaska determine the Kisaralek River to be Navigable? I would like permission from the state to float this river on our float fishing trips as well.

I have applied for permits to float the Andreafsky River but have never explored it yet. I would like permission from the state to float this river on our float fishing trips as well.

I have applied to Yukon Delta Wildlife Refuge for the past 10 years for a permit to operate commercial sport fishing float trips within their boundaries on all the above mentioned rivers. For many years they have told me that they can't give me a permit to operate our trips there because they have no plan of operation. Each year they have told me that they will be getting a plan ready very soon. Each year they have not been able to do this. It seems like an insurmountable job for them. I wrote to them again this year. I called them again. They have a new head administrator. He seems to want to get the process underway.

If the state does not yet have an organization that issues permits to guides to float or otherwise operate on it's rivers, I think it's time it started one. It's 1994, most other states have had them for several decades. Thank you very much for helping in this matter.

Kisaralik River System
Final Summary Report
Attachment 28

Sincerely,

Paul Allred
Paul Allred

P. O. Box 935

Girdwood, Alaska 99587

Fax (907) 783-3220

SURVEYED TOWNSHIP 9 NORTH RANGE 67 WEST OF THE SEWARD MERIDIAN, ALASKA

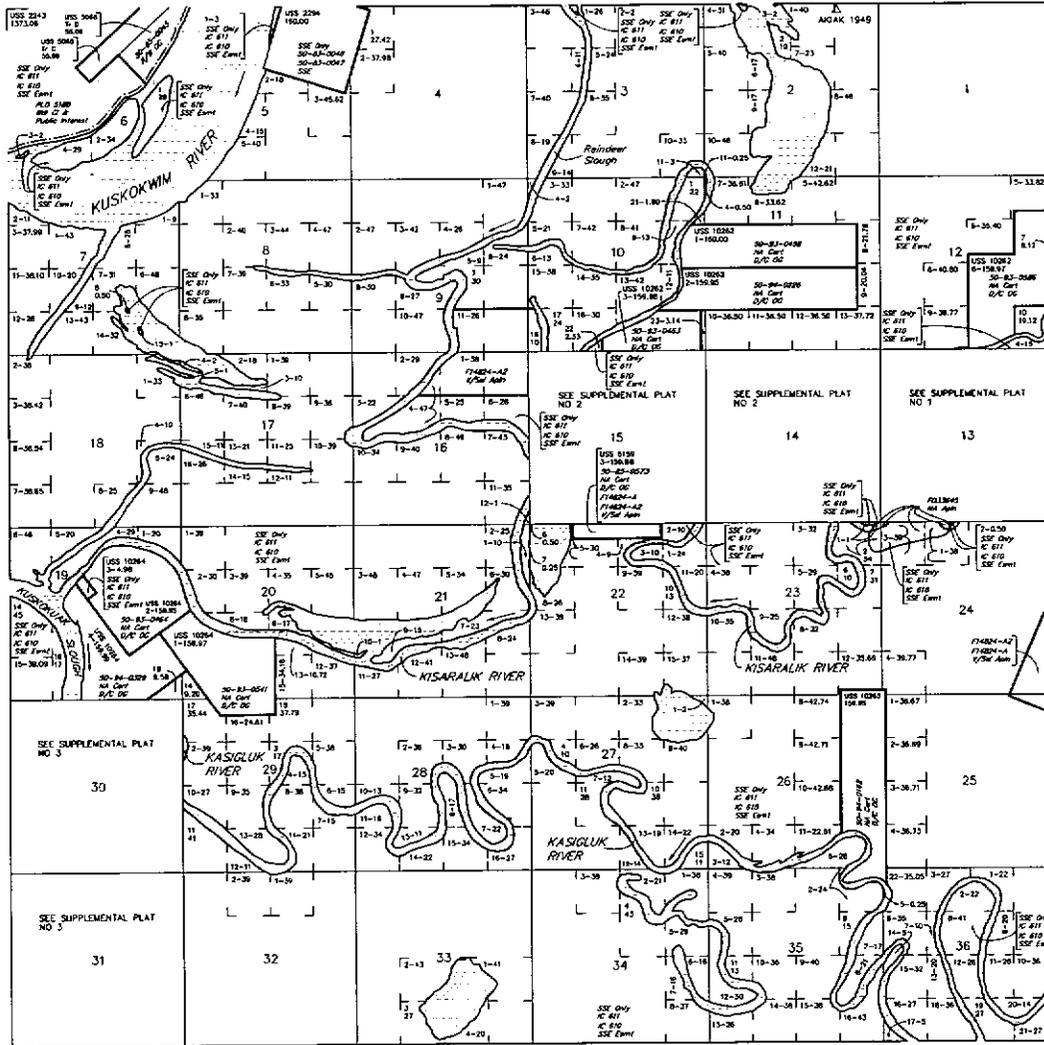
STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS IN DRAWING FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

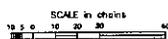
PLG 5184 AND CI affects 14b/Interests not conveyed

PL 06-487 MAY Tullon Date NARR entire to



**Kisaralik River System
Final Summary Report
Attachment 29**

Lat 50°49'12.81"N
Long 161°04'08.84"W

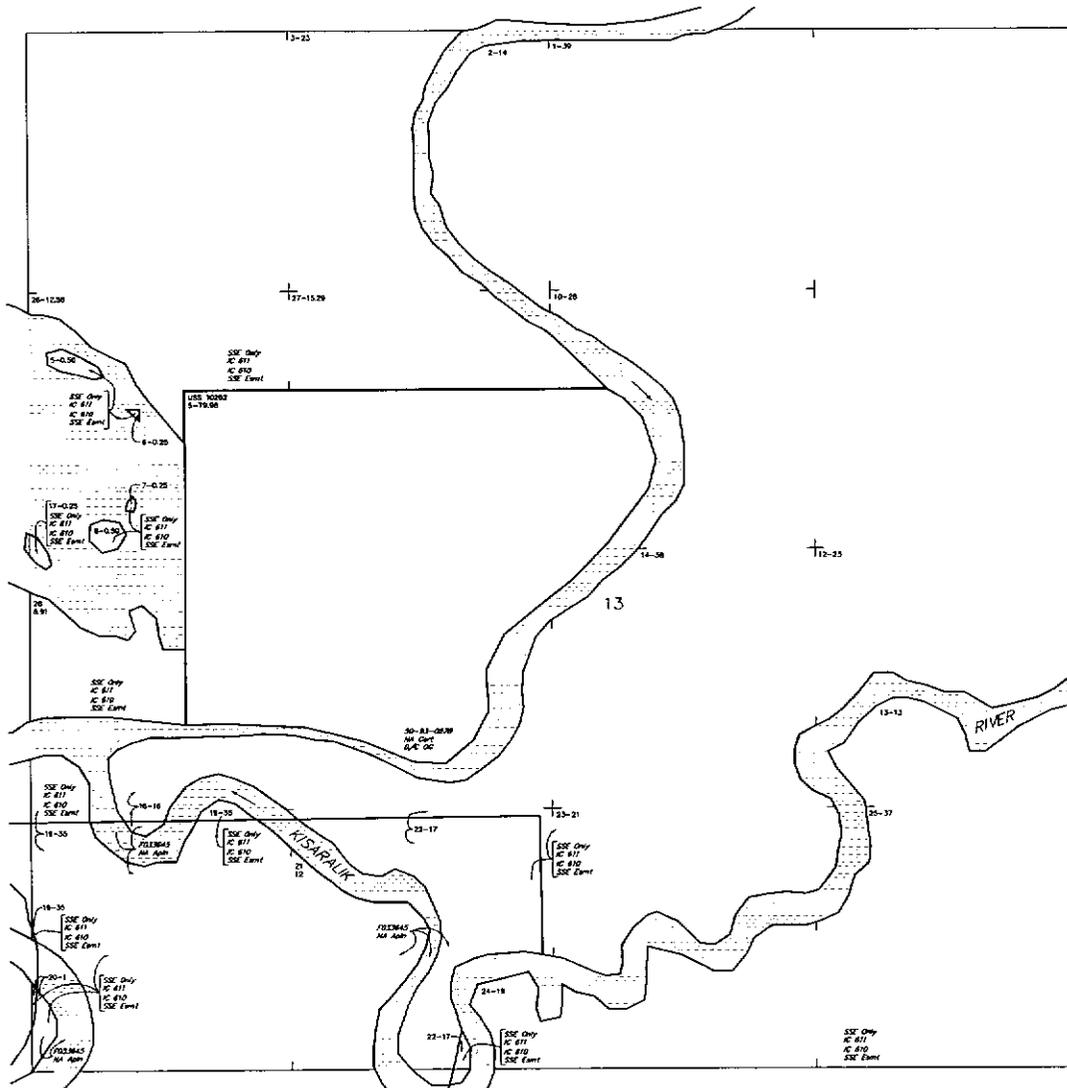


WARNING:
This plan is the Bureau's Record of Title and should be used
only as a graphic display of the boundary survey data. Such
use should be limited to that which the boundary data were
affected by federal measurements of survey or other bodies of water.
Refer to the proposed survey for official survey information.

CURRENT TO	See Mer
10-4-2006	T 9 N
	R 67 W

ACAD

SURVEYED TOWNSHIP 9 NORTH RANGE 67 WEST OF THE SEWARD MERIDIAN, ALASKA



SCALE in chains
0 5 10

NOTICE:
This plat is the Bureau's Record of Title, and should be used only as a general guide to the location, survey data, etc. It does not constitute an endorsement or approval of any claims or interests therein. For more information, refer to the computer program for official survey information.

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

**MTP
SUPPL SEC 13**

NO 1
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHIN THIS TOWNSHIP FOR CLASSIFICATION
MINERALS, WATER AND FOR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PLG 5184 MTP 13 affects Lds/Interests not conveyed

PL 96-487 MTP Yukon Delta NWR enters T9

CURRENT TO	NO 1
10-4-2008	Seq. Mar
	T 9 N
	R 67 W

ACAD

SURVEYED TOWNSHIP 9 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

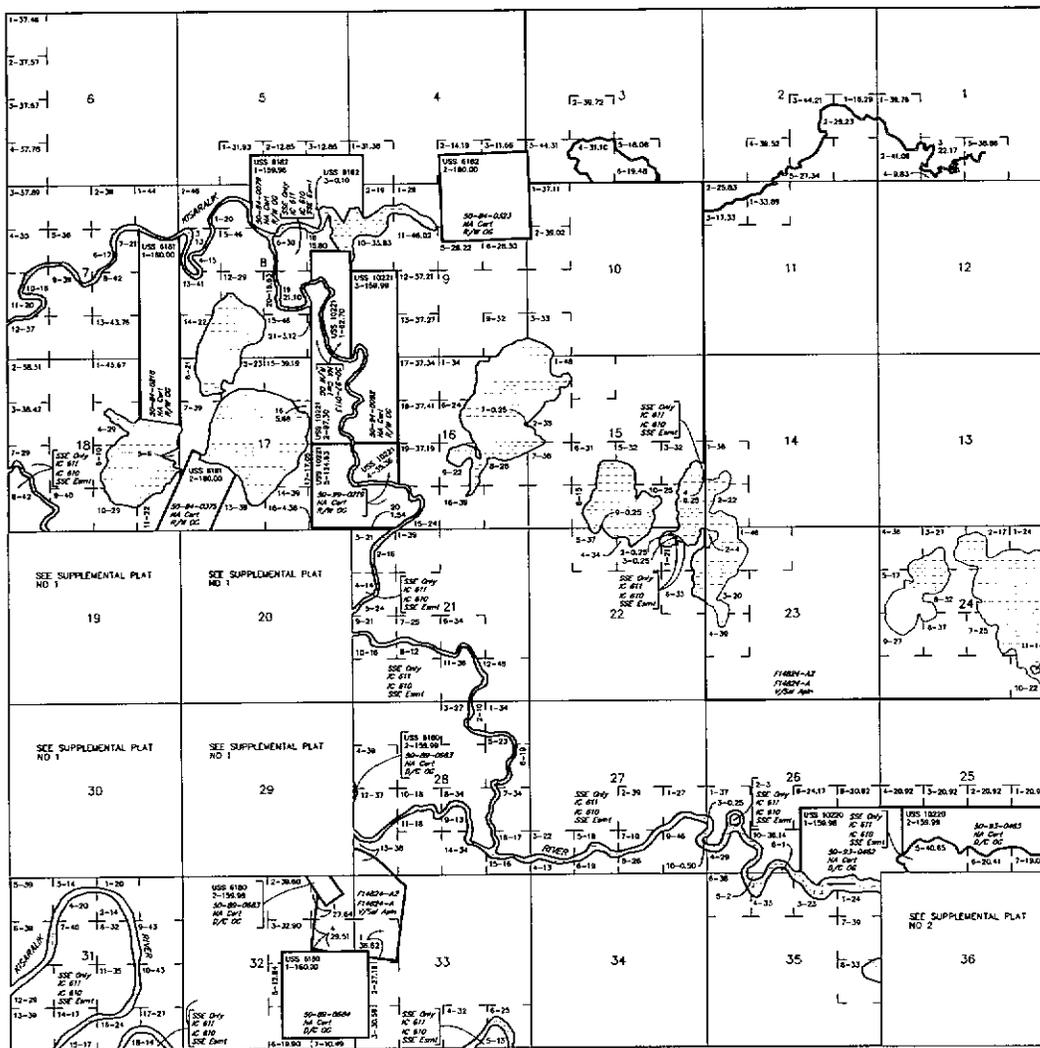
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FOR ORDERS EFFECTIVE DISPOSAL OR USE OF UN-IDENTIFIED LANDS IN/TOWNSHIP FOR CLASSIFICATION MATERIALS, WATER AND/OR OTHER PUBLIC PURPOSES REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

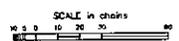
PL 92-203 AND PLADMA, LOS W/ PLADMA-A, PLADMA-B

PLD 5184 MM CI affects Lots/Interests not conveyed

PL 98-487 MM Yukon Delta NWR entire to



Lot 60745'12.81"N
Long 160°53'28.81"W

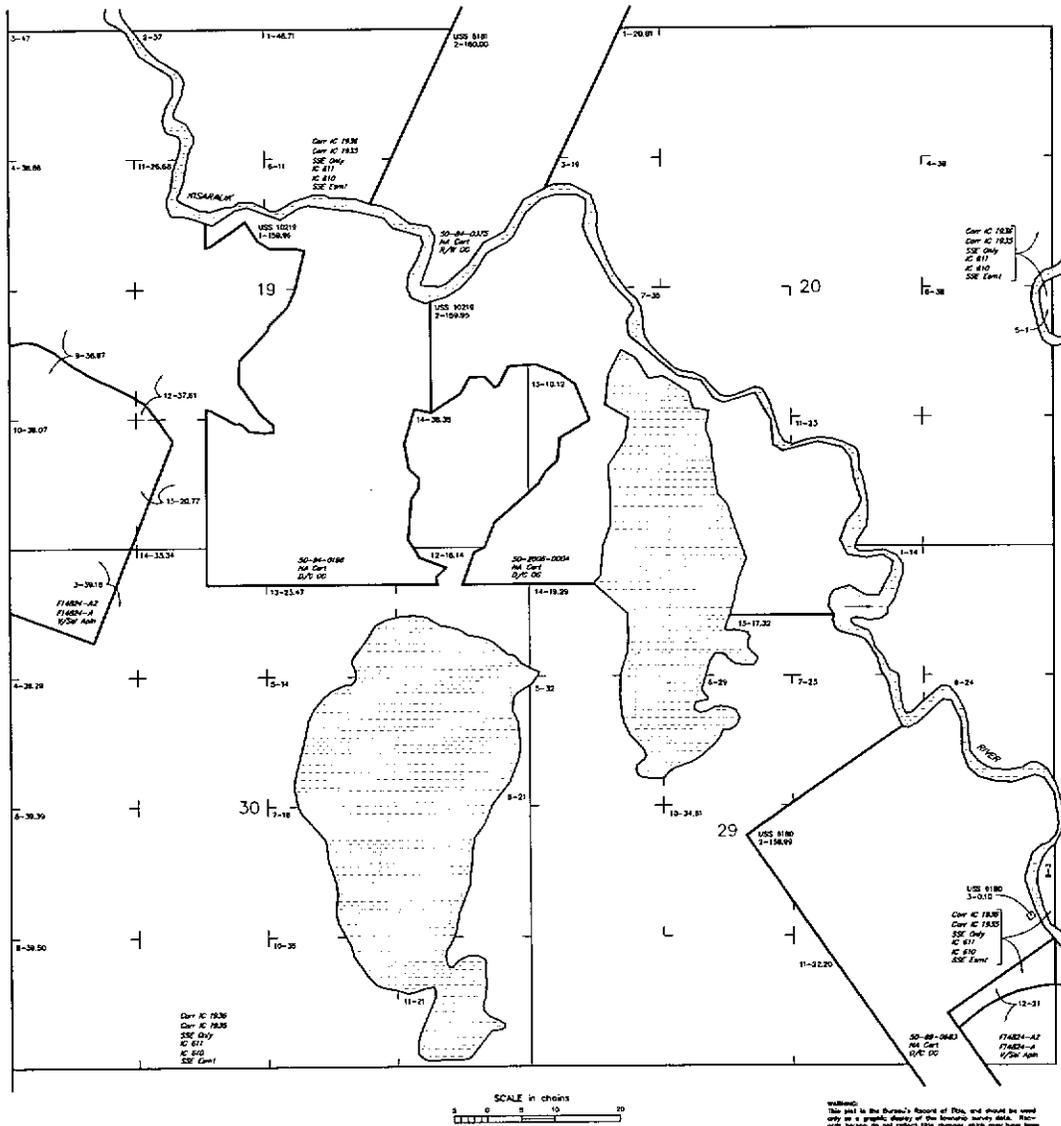


WARNING: This plan is the Bureau's best copy of the original survey data, and should be used only as a general guide. It is not a legal document. It does not reflect any changes which may have been effected by subsequent measurements of data or other lands of public. Refer to the original survey for official survey information.

CURRENT TO	See Mer
10-13-2008	T 9 N
	R 66 W

ACAD

SURVEYED TOWNSHIP 9 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA



STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

**MTP
SUPPL SECS 19,20,29,30**

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.

~~PL 82-203 AND F1424, LWS W/A F1424-A, F1424-A2~~

~~PL 91-5184 AND C1 affects Lds/interests not conveyed~~

~~PL 95-457 AND Yukon Delta NWR entire Ip~~

CURRENT TO	NO 1
10-15-2006	Sew May
	T 9 N
	R 66 W
	ACAD

SURVEYED TOWNSHIP 9 NORTH RANGE 66 WEST OF THE SEWARD MERIDIAN, ALASKA

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP
SUPPL SEC 36

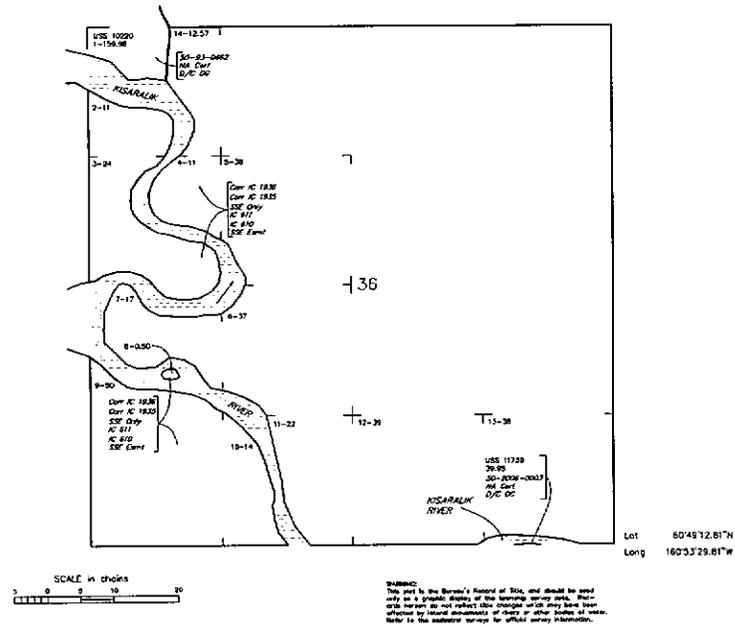
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FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHIN THIS FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

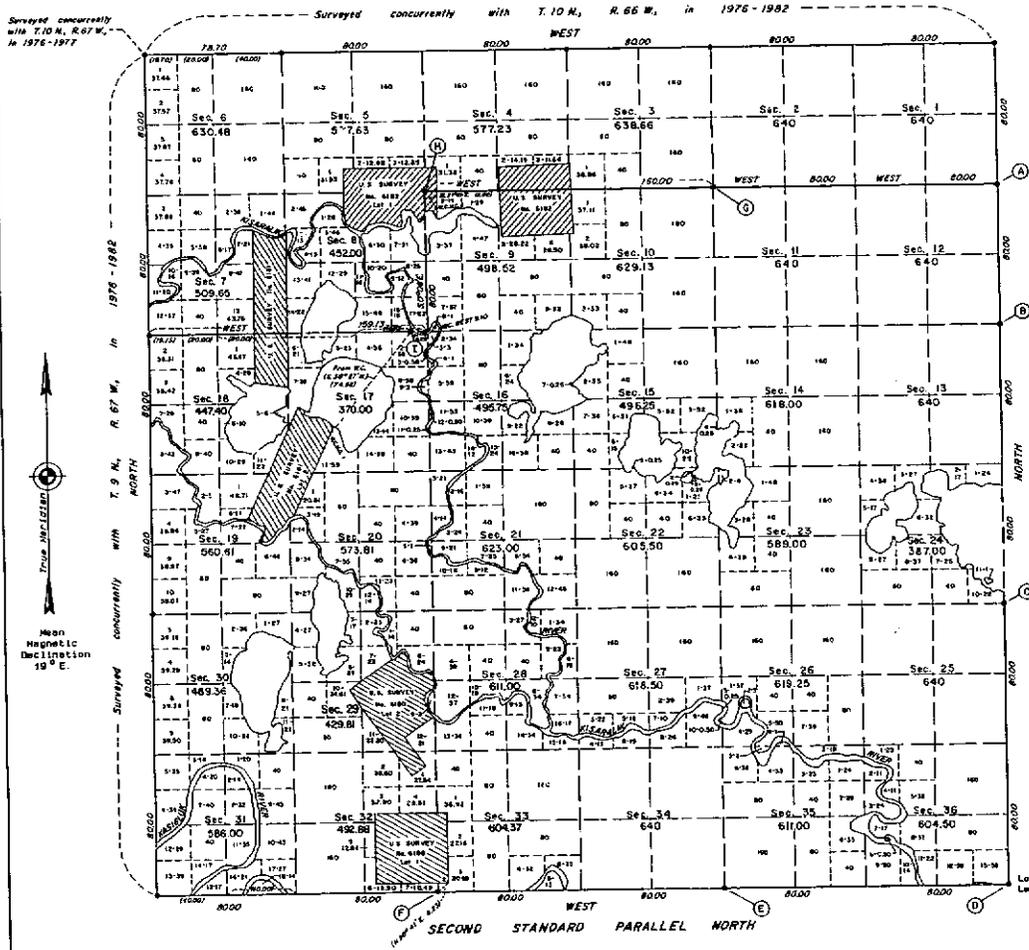
PL 92-203 AND FIAASA, LOS, W/A F14824-A, F14824-A2

PLG 5184 AND CI affects Lds/Interests not conveyed

PL 96-487 AND Urban Claims NWR entire to



TOWNSHIP 9 NORTH, RANGE 66 WEST, OF THE SEWARD MERIDIAN, ALASKA



Surveyed concurrently with T. 10 N., R. 67 W., in 1976-1977

Surveyed concurrently with T. 10 N., R. 66 W., in 1976-1982

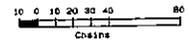
Surveyed concurrently with T. 9 N., R. 67 W., in 1976-1982



Mean Magnetic Declination 19° E.

Surveyed concurrently with T. 9 N., R. 67 W., in 1976-1982

Area surveyed: 20,426.20 acres



- ALUM. ROD, 1/4 IN. DIAM., WITH ALUM. CAP.
- COPPERFIELD ROD, 1/4 IN. DIAM., WITH BRASS CAP.

This plat and the certificates contain the entire survey record.

U.S. Survey Nos. 6180 and 6181 were surveyed by Charles E. Akin, Jr., and Daniel L. Johnson, Cadastral Surveyors, in 1976. U.S. Survey No. 6182 was surveyed by Charles E. Akin, Jr., and Stephen G. Ward, Cadastral 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 subdivision lines of Township 9 North, Range 66 West, Seward Meridian, Alaska.

This survey was executed by George P. Oviatt, Cadastral Surveyor, September 4, 1976, through July 3, 1979, and Tony A. Heble, Cadastral Surveyor, September 10 through September 30, 1982, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions for Group No. 256, Alaska, dated August 3, 1976, approved August 26, 1976, and Assignment Instructions dated August 30, 1976, and August 26, 1982.

Corner positions of this survey were determined by Auto-Surveyer method utilizing control stations established by the National Geodetic Survey. The geographic positions for these control stations are based on the 1976 adjusted survey data prepared by the National Geodetic Survey. Monuments were set at protected corner positions based on official Bureau of Land Management protection 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 topography shown on this plat was obtained by Auto-Surveyer method and from color infrared and black and white photographs that were made from aerial photography flown in June 1977 by the National Reconnaissance Space Administration for the Bureau of Land Management.

The mean magnetic declination shown on this plat was obtained from U.S. Geological Survey quarter map "BETHEL (0-6), Alaska, 1954 edition.

The orange 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, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

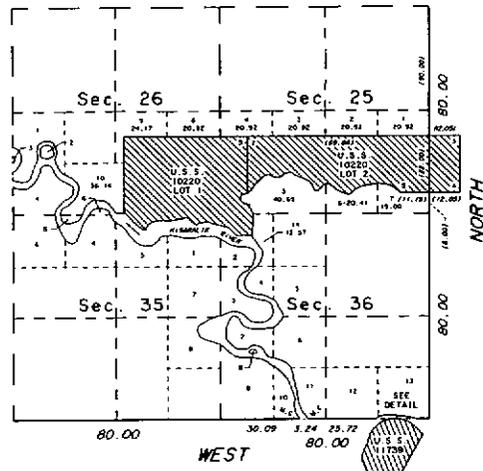
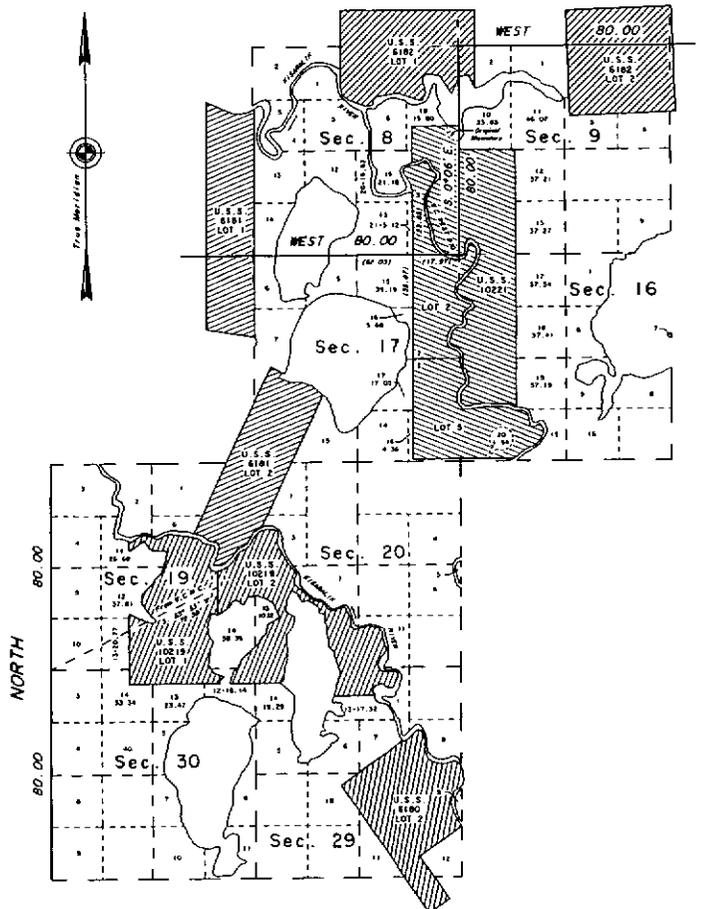
For the Director

James R. [Signature] August 1, 1984
Date

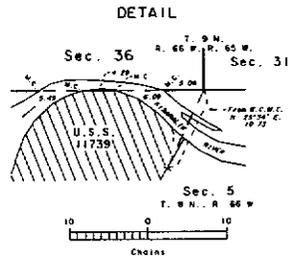
Deputy State Director for Cadastral Survey,
Alaska

See notes 9414 (1923), 9420, 9421, 9422, 9423, 9424, 9425, 9426, 9427, 9428, 9429, 9430, 9431, 9432, 9433, 9434, 9435, 9436, 9437, 9438, 9439, 9440, 9441, 9442, 9443, 9444, 9445, 9446, 9447, 9448, 9449, 9450, 9451, 9452, 9453, 9454, 9455, 9456, 9457, 9458, 9459, 9460, 9461, 9462, 9463, 9464, 9465, 9466, 9467, 9468, 9469, 9470, 9471, 9472, 9473, 9474, 9475, 9476, 9477, 9478, 9479, 9480, 9481, 9482, 9483, 9484, 9485, 9486, 9487, 9488, 9489, 9490, 9491, 9492, 9493, 9494, 9495, 9496, 9497, 9498, 9499, 9500, 9501, 9502, 9503, 9504, 9505, 9506, 9507, 9508, 9509, 9510, 9511, 9512, 9513, 9514, 9515, 9516, 9517, 9518, 9519, 9520, 9521, 9522, 9523, 9524, 9525, 9526, 9527, 9528, 9529, 9530, 9531, 9532, 9533, 9534, 9535, 9536, 9537, 9538, 9539, 9540, 9541, 9542, 9543, 9544, 9545, 9546, 9547, 9548, 9549, 9550, 9551, 9552, 9553, 9554, 9555, 9556, 9557, 9558, 9559, 9560, 9561, 9562, 9563, 9564, 9565, 9566, 9567, 9568, 9569, 9570, 9571, 9572, 9573, 9574, 9575, 9576, 9577, 9578, 9579, 9580, 9581, 9582, 9583, 9584, 9585, 9586, 9587, 9588, 9589, 9590, 9591, 9592, 9593, 9594, 9595, 9596, 9597, 9598, 9599, 9600, 9601, 9602, 9603, 9604, 9605, 9606, 9607, 9608, 9609, 9610, 9611, 9612, 9613, 9614, 9615, 9616, 9617, 9618, 9619, 9620, 9621, 9622, 9623, 9624, 9625, 9626, 9627, 9628, 9629, 9630, 9631, 9632, 9633, 9634, 9635, 9636, 9637, 9638, 9639, 9640, 9641, 9642, 9643, 9644, 9645, 9646, 9647, 9648, 9649, 9650, 9651, 9652, 9653, 9654, 9655, 9656, 9657, 9658, 9659, 9660, 9661, 9662, 9663, 9664, 9665, 9666, 9667, 9668, 9669, 9670, 9671, 9672, 9673, 9674, 9675, 9676, 9677, 9678, 9679, 9680, 9681, 9682, 9683, 9684, 9685, 9686, 9687, 9688, 9689, 9690, 9691, 9692, 9693, 9694, 9695, 9696, 9697, 9698, 9699, 9700, 9701, 9702, 9703, 9704, 9705, 9706, 9707, 9708, 9709, 9710, 9711, 9712, 9713, 9714, 9715, 9716, 9717, 9718, 9719, 9720, 9721, 9722, 9723, 9724, 9725, 9726, 9727, 9728, 9729, 9730, 9731, 9732, 9733, 9734, 9735, 9736, 9737, 9738, 9739, 9740, 9741, 9742, 9743, 9744, 9745, 9746, 9747, 9748, 9749, 9750, 9751, 9752, 9753, 9754, 9755, 9756, 9757, 9758, 9759, 9760, 9761, 9762, 9763, 9764, 9765, 9766, 9767, 9768, 9769, 9770, 9771, 9772, 9773, 9774, 9775, 9776, 9777, 9778, 9779, 9780, 9781, 9782, 9783, 9784, 9785, 9786, 9787, 9788, 9789, 9790, 9791, 9792, 9793, 9794, 9795, 9796, 9797, 9798, 9799, 9800, 9801, 9802, 9803, 9804, 9805, 9806, 9807, 9808, 9809, 9810, 9811, 9812, 9813, 9814, 9815, 9816, 9817, 9818, 9819, 9820, 9821, 9822, 9823, 9824, 9825, 9826, 9827, 9828, 9829, 9830, 9831, 9832, 9833, 9834, 9835, 9836, 9837, 9838, 9839, 9840, 9841, 9842, 9843, 9844, 9845, 9846, 9847, 9848, 9849, 9850, 9851, 9852, 9853, 9854, 9855, 9856, 9857, 9858, 9859, 9860, 9861, 9862, 9863, 9864, 9865, 9866, 9867, 9868, 9869, 9870, 9871, 9872, 9873, 9874, 9875, 9876, 9877, 9878, 9879, 9880, 9881, 9882, 9883, 9884, 9885, 9886, 9887, 9888, 9889, 9890, 9891, 9892, 9893, 9894, 9895, 9896, 9897, 9898, 9899, 9900, 9901, 9902, 9903, 9904, 9905, 9906, 9907, 9908, 9909, 9910, 9911, 9912, 9913, 9914, 9915, 9916, 9917, 9918, 9919, 9920, 9921, 9922, 9923, 9924, 9925, 9926, 9927, 9928, 9929, 9930, 9931, 9932, 9933, 9934, 9935, 9936, 9937, 9938, 9939, 9940, 9941, 9942, 9943, 9944, 9945, 9946, 9947, 9948, 9949, 9950, 9951, 9952, 9953, 9954, 9955, 9956, 9957, 9958, 9959, 9960, 9961, 9962, 9963, 9964, 9965, 9966, 9967, 9968, 9969, 9970, 9971, 9972, 9973, 9974, 9975, 9976, 9977, 9978, 9979, 9980, 9981, 9982, 9983, 9984, 9985, 9986, 9987, 9988, 9989, 9990, 9991, 9992, 9993, 9994, 9995, 9996, 9997, 9998, 9999, 10000

TOWNSHIP 9 NORTH, RANGE 66 WEST, OF THE SEWARD MERIDIAN, ALASKA
 SEGREGATION SURVEY



SECOND STANDARD PARALLEL NORTH



This segregation survey plat of Township 9 North, Range 66 West, Seward Meridian, Alaska, shows amended lotting created by the segregation of U.S. Survey Nos. 10219, 10220, 10221 and 11739, Alaska. These revisions are based upon official survey records; the plat of Township 9 North, Range 66 West, Seward Meridian, Alaska, accepted August 1, 1984; the plats of U.S. Survey Nos. 10219, 10220 and 10221, Alaska accepted September 30, 1992; and the plat of U.S. Survey No. 11739, Alaska accepted November 14, 2000.

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 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

Jake Smith *June 2, 2006*
 Date

Deputy State Director for Cadastral Survey,
 Alaska

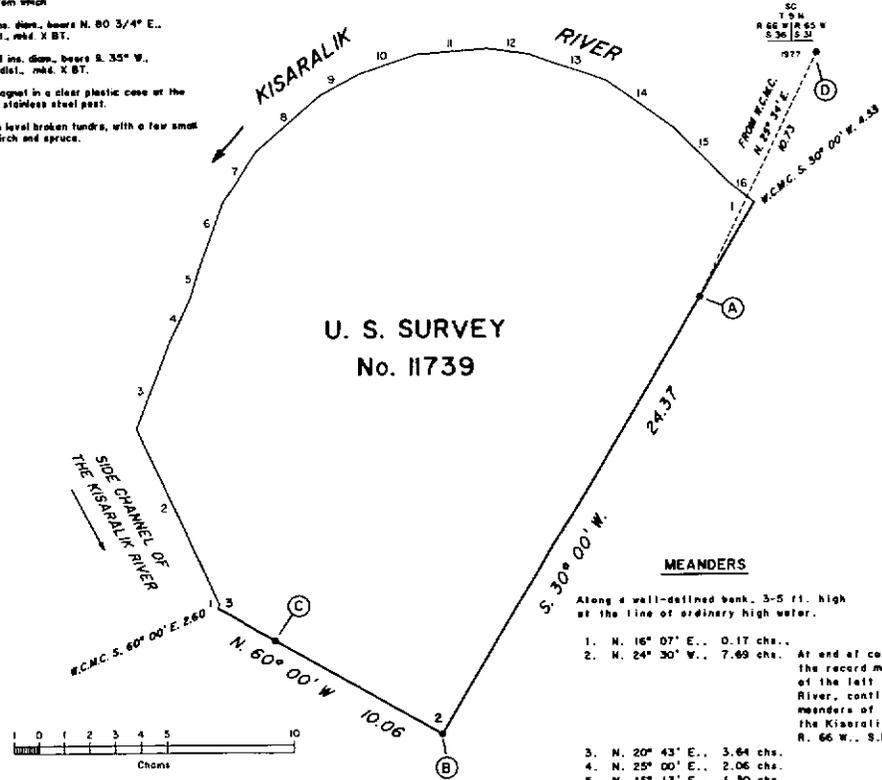
U. S. SURVEY
No. 11739, ALASKA

(A)
Set a stainless steel post, 28 in. long, 2 1/2 in. diam., 25 in. in the ground, with brass cap mkt. as shown, from which
A magnet in a blue plastic case, bears S. 45° W., 15 in. dist., buried 12 in. below ground.
A birch, 4 in. diam., bears N. 25 1/2° W., 200 in. dist., mkt. X BT.
Deposit a magnet in a clear plastic case at the base of the stainless steel post.
Cor. falls on nearly level broken tundra.

(B)
Set a stainless steel post, 28 in. long, 2 1/2 in. diam., 25 in. in the ground, with brass cap mkt. as shown, from which
A birch, 5 in. diam., bears N. 80 3/4° E., 367 in. dist., mkt. X BT.
A spruce, 3 in. diam., bears S. 35° W., 44 1/2 in. dist., mkt. X BT.
Deposit a magnet in a clear plastic case at the base of the stainless steel post.
Cor. falls on level broken tundra, with a few small scattered birch and spruce.

(C)
Set a stainless steel post, 28 in. long, 2 1/2 in. diam., 25 in. in the ground, with brass cap mkt. as shown, from which
A magnet in a pink plastic case, bears S. 45° E., 15 in. dist., buried 12 in. below ground.
A magnet in a blue plastic case, bears S. 45° W., 15 in. dist., buried 12 in. below ground.
Deposit a magnet in a clear plastic case at the base of the stainless steel post.
Cor. falls on level broken tundra.

(D)
Recovered a copperfield rod, 3/16 in. diam., firmly set, projecting 30 in. above the ground, with brass cap mkt. as shown
No accessories



U. S. SURVEY
No. 11739

MEANDERS

- Along a well-defined bank, 3-5 ft. high at the line of ordinary high water.
- N. 16° 07' E., 0.17 chs.
 - N. 24° 30' W., 7.69 chs.
 - N. 20° 43' E., 3.64 chs.
 - N. 25° 00' E., 2.06 chs.
 - N. 16° 13' E., 1.30 chs.
 - N. 20° 20' E., 2.68 chs.
 - N. 33° 52' E., 2.42 chs.
 - N. 48° 23' E., 3.31 chs.
 - N. 60° 55' E., 1.75 chs.
 - N. 71° 12' E., 2.37 chs.
 - N. 85° 21' E., 2.74 chs.
 - S. 61° 53' E., 1.57 chs.
 - S. 70° 05' E., 3.17 chs.
 - S. 54° 12' E., 3.16 chs.
 - S. 44° 51' E., 3.10 chs.
 - S. 51° 20' E., 1.28 chs.
- At end of course, intersect the record meander line of the left bank of the Kisaralik River, continue with the record meanders of the right bank of the Kisaralik River in T. 8 N., R. 66 W., 9.M., accepted in 1969.

I, Charles E. Ahlin, Jr., Registered Alaska Land Surveyor No. 15-6131, HEREBY CERTIFY upon honor that in presence of Special Instructions dated October 10, 1995, and under Contract No. MAC 000078, awarded June 12, 2000, I have executed the survey depicted on this plat in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of Public Lands of the United States, 1973, and in the specific manner described on this plat.
Date 9/10/2000
Charles E. Ahlin, Jr.
Registered Land Surveyor



This plat contains the entire survey record.
A portion of the Second Standard Parallel North through Range 65 West, Seward Meridian, Alaska was surveyed by George P. Oviatt and Tommy A. Nobel, Cadastral Surveyors, in 1977 and 1982.

A portion of the Second Standard Parallel North through a portion of Range 65 West was re-surveyed; the south, east and west boundaries and a portion of the subdivision lines and the meanders of Township 8 North, Range 66 West, Seward Meridian, Alaska, was surveyed by George P. Oviatt and Richard T. Helm III, Cadastral Surveyors, in 1977-78.

This survey was executed by Charles E. Ahlin, Jr., Registered Alaska Land Surveyor No. 15-6131, for the Akvik Native Community, June 10 through June 14, 2000, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions dated October 10, 1995, approved February 4, 1998, under Contract No. MAC 000078, dated June 12, 2000, and Notice to Proceed dated June 7, 2000.

Field assistants were:
James E. Mitchell, Land Surveyor
Kenneth J. Ludy, Land Surveyor
Charles W. Williams, Survey Aid
James E. Nicolai, Survey Aid
Samuel J. Lake, Survey Aid

Area: 39.95 Acres.
The azimuth was obtained from Global Positioning System Methods, and refers to the true meridian.

The geographic position of the witness corner is corner No. 1, a meander corner, as determined from a direct tie to the standard corner of Townships 9 North, Ranges 65 and 66 West, Seward Meridian, Alaska, using global positioning system methods, is:

Latitude: 60° 49' 06.52" North
Longitude: 160° 53' 35.98" West (NAD 27)

The observed mean magnetic declination is 17° East.

This survey is situated on the left bank of the Kisaralik River, approximately 29 miles easterly of Bethel, Alaska, within Township 9 North, Range 66 West, Seward Meridian, Alaska.

The land is nearly level. The vegetation consists of open tundra, with a fringe of spruce, birch and cottonwood, with an undergrowth of dense willow and alder along the Kisaralik River. The soil varies from silt to permafrost.

Access to the parcel was by helicopter and boat.

Acceptance of this survey does not purport to transfer any interest in submerged lands in which the State of Alaska is entitled under the Equal Footing Doctrine and Section 5(m) of the Alaska Statehood Act, P.L. 85-506, 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

The survey represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director
Daniel L. Johnson
Deputy State Director for Cadastral Survey, Alaska.
Date 11-14-00
ACTING

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**

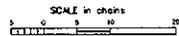
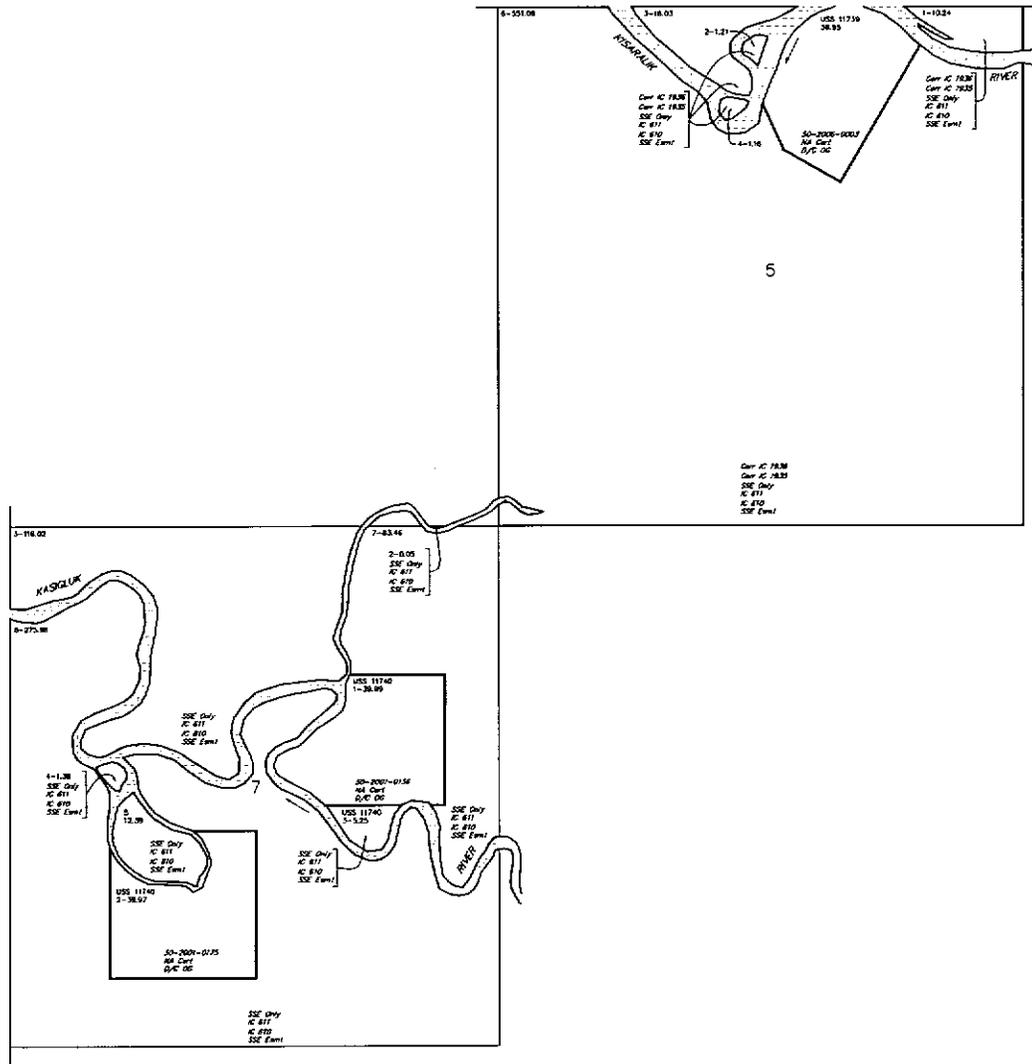
NO 1

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHIN RAINY FOR CLASSIFICATION
MINERALS WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PLD 3284 W/1 CT affects Lda/Interests not conveyed

PL 98-487 W/1 Alaska Delta NWR within 50

PL 92-203 W/1 F14824 Cos W/1 F14824-A, F14824-A2



WARNING:
This plan is the Bureau's record of this, and should be used
only as a graphic display of the boundary survey data. It
will not be used for legal purposes. Any changes which may have been
affected by related measurements of this or other surveys of water
bear to the concerned surveys for official survey information.

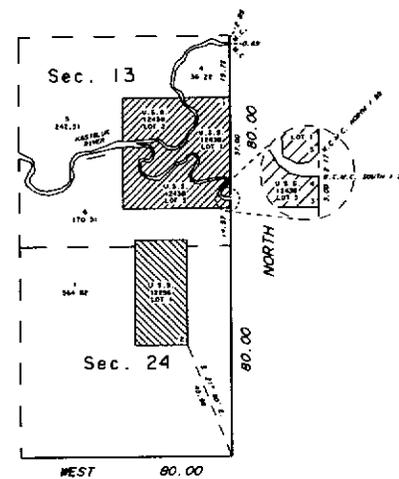
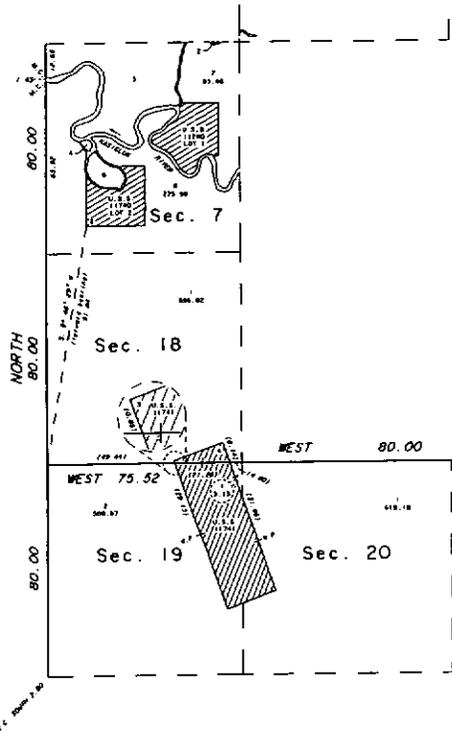
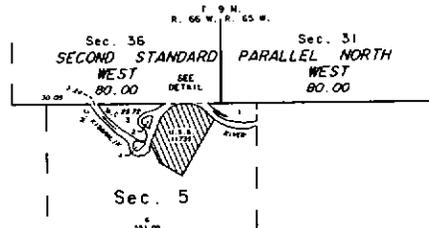
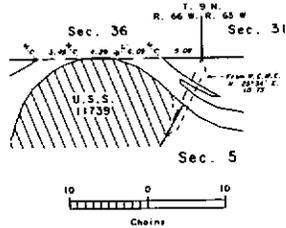
CURRENT TO	NO 1
9-29-2006	Sew Mer
	T 8 N
	R 66 W

ACAD

DATE October 3, 2006

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 12438, Alaska. These revisions are based upon official survey records; the plat of Township 8 North, Range 66 West, Seward Meridian, Alaska, accepted June 19, 1989; the plat of U.S. Survey No. 11739, Alaska accepted November 14, 2000; the plats of U.S. Survey Nos. 11740, 11741, 12296 and 12438, 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 6(a) 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 S. [Signature]
Date

Deputy State Director for Cadastral Survey,
Alaska

UNSURVEYED TOWNSHIP 8 NORTH RANGE 65 WEST OF THE SEWARD MERIDIAN, ALASKA
 PROTRACTION DIAGRAM NO. 59-9 OFFICIALLY FILED 5/29/1959

T 8N
 R 65W R 64W

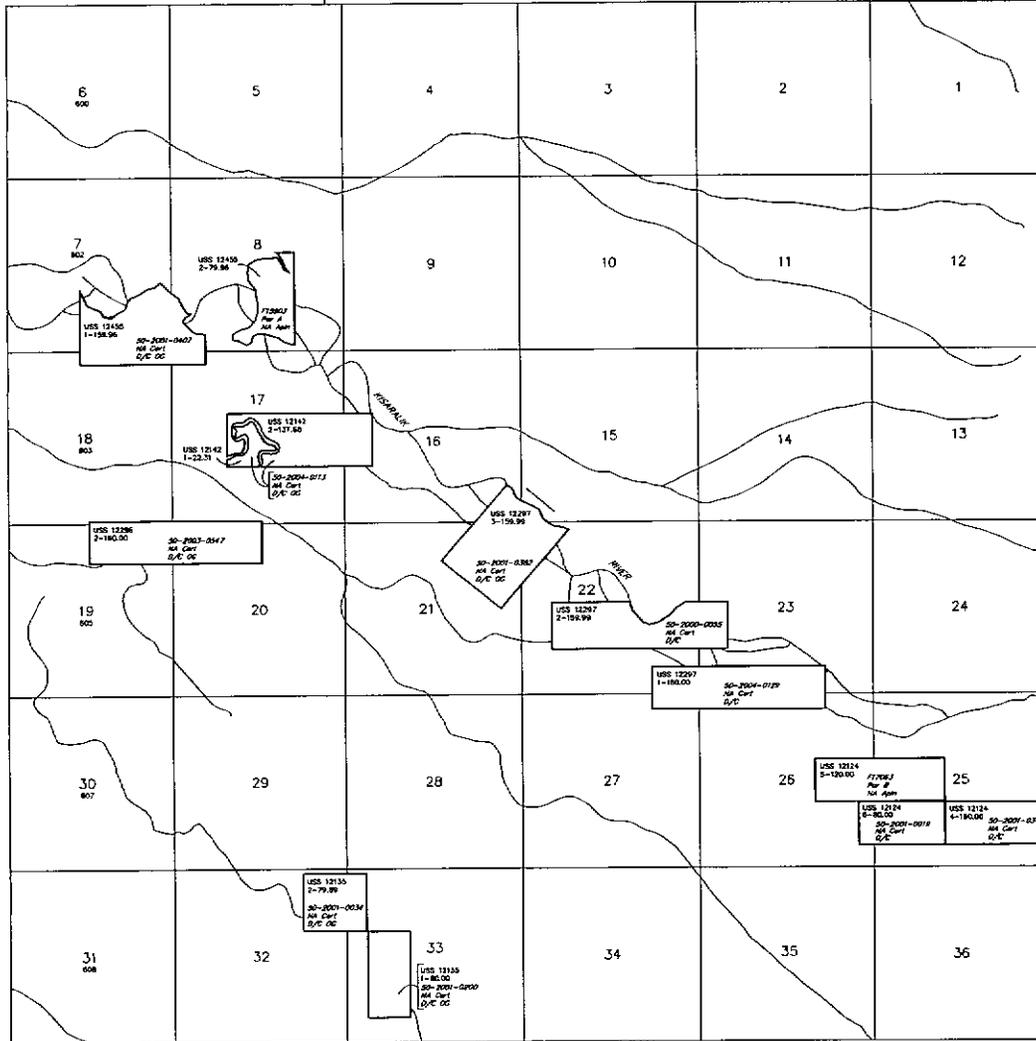
STATUS OF PUBLIC DOMAIN
 LAND AND MINERAL TITLES

MTP

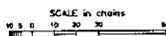
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
 IDENTIFIED LANDS WITHIN ANY FOR CLASSIFICATION
 MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
 REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

PLG 5180 W&C of Public Interest affects Lands/Interests
 not conveyed

PL 96-487 W&C Yukon Delta MRR entire Tp



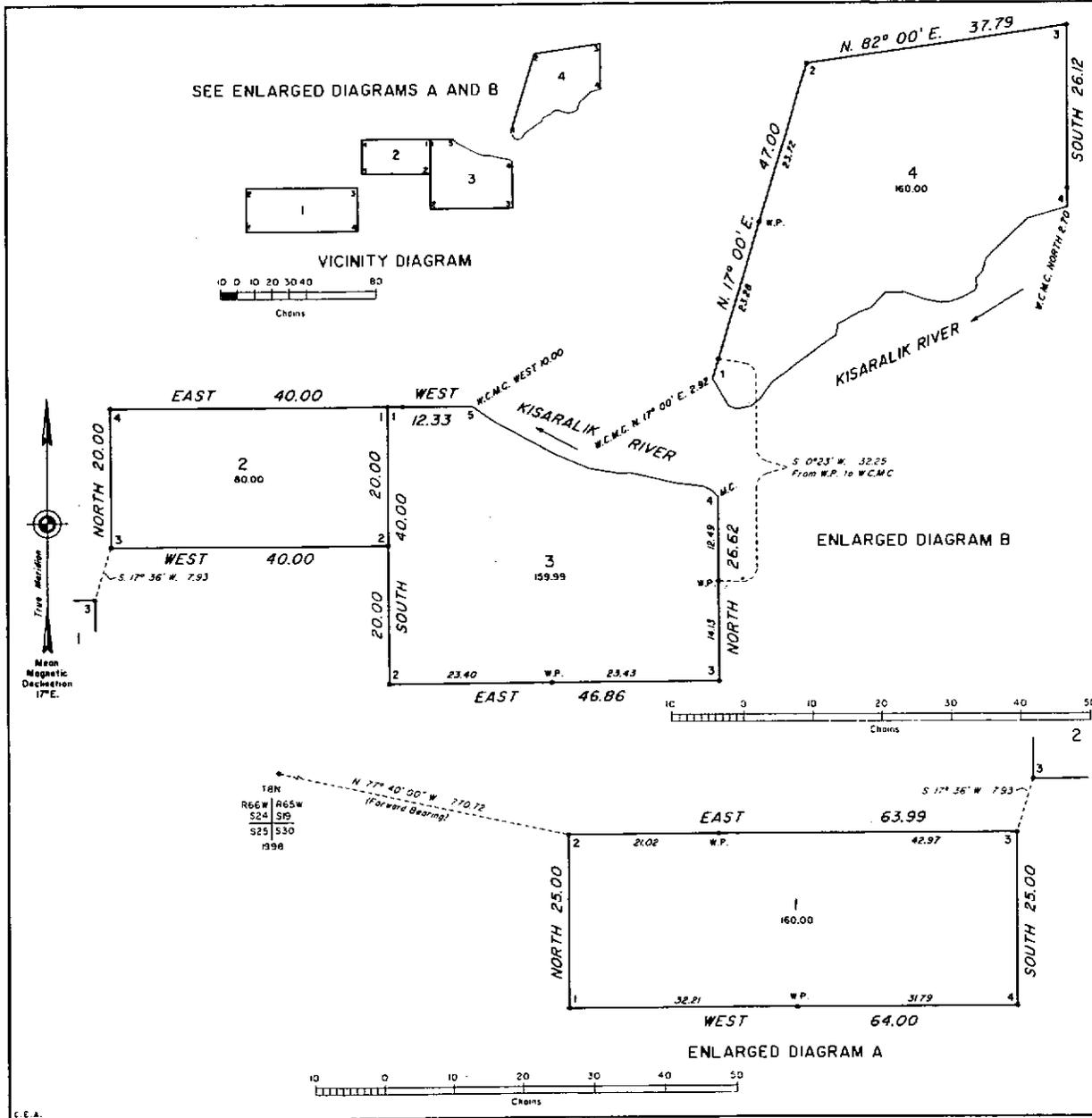
Lat 60°44'30.641"N
 Long 150°35'34.227"W



WARNING:
 This plat is the Bureau's Record of Title, and should be used
 only in connection with the land survey data. It does not
 constitute a warranty of title or other public interest.
 Orders should be referred to the Bureau for more information.
 Refer to the contract survey for official survey information.

CURRENT TO		Sew Mer
5-13-2004		T 8 N
		R 65 W

ACAD



U. S. SURVEY
No. 12133, ALASKA
COMPRISING LOTS 1 THROUGH 4

SITUATED ON BOTH BANKS OF THE KISARALIK RIVER

APPROXIMATELY 33 MILES SOUTHEASTERLY
OF THE VILLAGE OF KNETHLUK, ALASKA

WITHIN TOWNSHIP 8 NORTH, RANGE 64 WEST,
SEWARD MERIDIAN, ALASKA

THE GEOGRAPHIC POSITION OF
CORNER NO. 2, LOT 1, IS:

LATITUDE: 60° 43' 58.87" NORTH, (MAD 271)
LONGITUDE: 160° 29' 25.92" WEST

AREA: 559.99 Acres.

SURVEYED BY

CHARLES E. AKIN, JR.,
REGISTERED ALASKA LAND SURVEYOR No. LS-5131,
FOR
THE ORGANIZED VILLAGE OF KNETHLUK IRA COUNCIL

JULY 27, 1998 THROUGH AUGUST 4, 1998

UNDER SPECIAL INSTRUCTIONS
DATED MARCH 4, 1997,
APPROVED DECEMBER 10, 1997,
AMENDED SPECIAL INSTRUCTIONS
DATED MARCH 19, 1998,
APPROVED MARCH 19, 1998,
AND CONTRACT No. 1422-M660-C98-3035,
AWARDED JUNE 4, 1998.

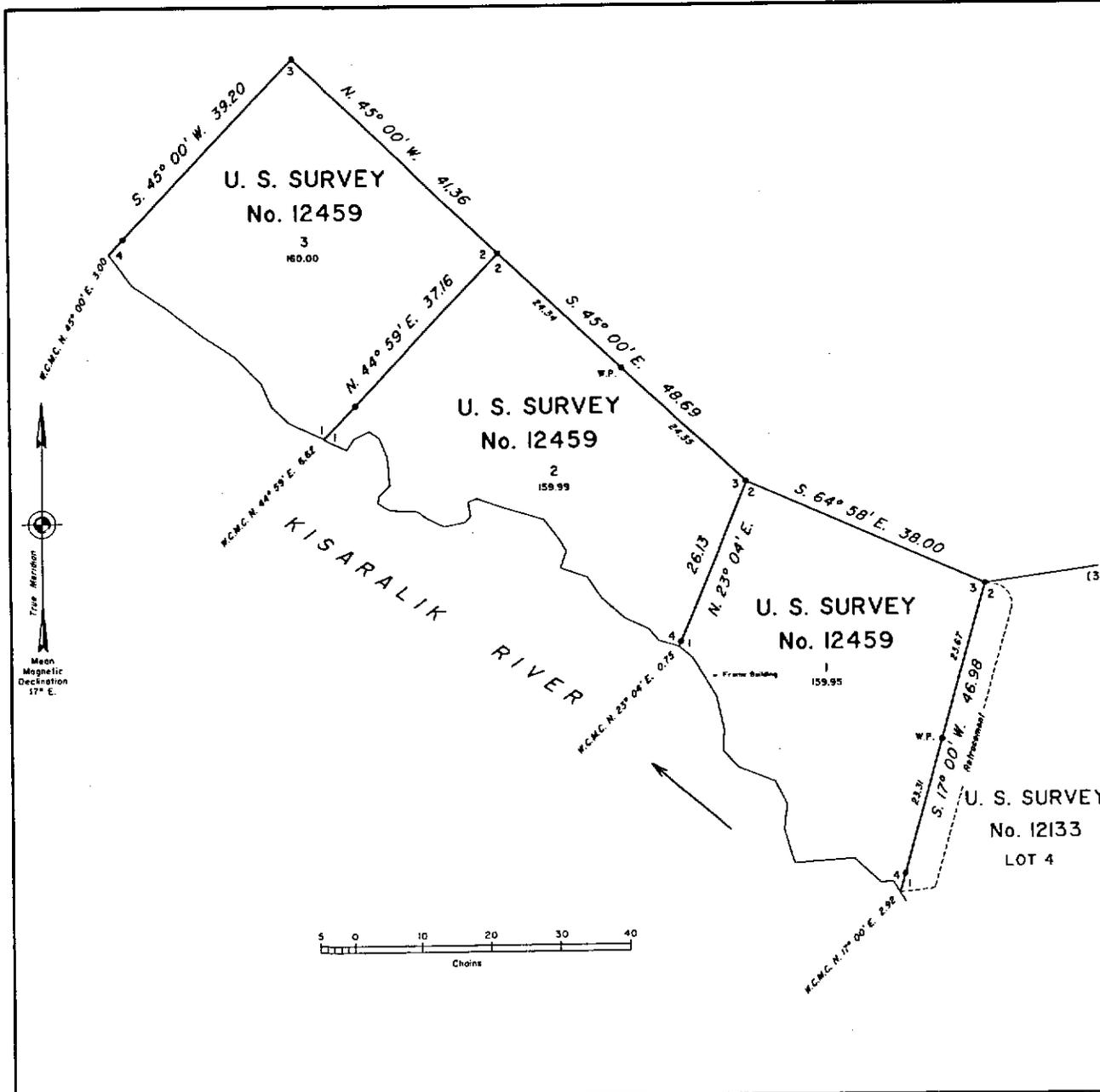
Acceptance of this survey does not surport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 5 (m) of the Alaska Statehood Act, P.L. 85-508, not withstanding the use, location, or absence of meander lines to depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This plan is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

George J. Givitt 7 JUNE 1999
Date
Deputy State Director for Cadastral Survey,
Alaska.



**U. S. SURVEY
No. 12459, ALASKA**
COMPRISING LOTS 1 THROUGH 3
AND
THE RETRACEMENT OF A PORTION OF
LOT 4, U.S. SURVEY NO. 12133

SITUATED ON THE RIGHT BANK OF THE
KISARALIK RIVER

APPROXIMATELY 33 MILES SOUTHEASTERLY
OF THE VILLAGE OF KWETHLUK, ALASKA

WITHIN TOWNSHIP 8 NORTH, RANGE 64 WEST,
SEWARD MERIDIAN, ALASKA

THE GEOGRAPHIC POSITION OF
THE WITNESS CORNER TO
CORNER NO. 4, LOT 1, IDENTICAL
WITH CORNER NO. 1, LOT 4,
U.S. SURVEY NO. 12133,
BOTH MEANDER CORNERS,
IS:

LATITUDE: 60°44'20.93" NORTH (NAD 27)
LONGITUDE: 160°26'02.23" WEST

AREA: 479.94 Acres.

SURVEYED BY

CHARLES E. AKIN, JR.,
REGISTERED ALASKA LAND SURVEYOR No. LS-5151,
FOR
THE AKIAK NATIVE COMMUNITY
JUNE 15 THROUGH JUNE 17, 2000

UNDER SPECIAL INSTRUCTIONS
DATED JULY 30, 1996,
APPROVED AUGUST 27, 1998,
AND
CONTRACT No. NAC 000078,
DATED JUNE 12, 2000.

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
Pooling Doctrine and Section 6 (m) of the Alaska
Statehood Act, P.L. 85-508, not withstanding 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 plat is strictly conformable to the approved
field notes, and the survey, having been
correctly executed in accordance with the
requirements of law and the regulations of this
Bureau, is hereby accepted.

For the Director
Daniel L. Johnson 11-14-00
ACT/ALG Date
Deputy State Director for Cadastral Survey,
Alaska.

UNSURVEYED TOWNSHIP 8 NORTH RANGE 63 WEST OF THE SEWARD MERIDIAN, ALASKA

PROTRACTION DIAGRAM NO. S10-12 OFFICIALLY FILED 7/27/1959

T 29N

R 24 W

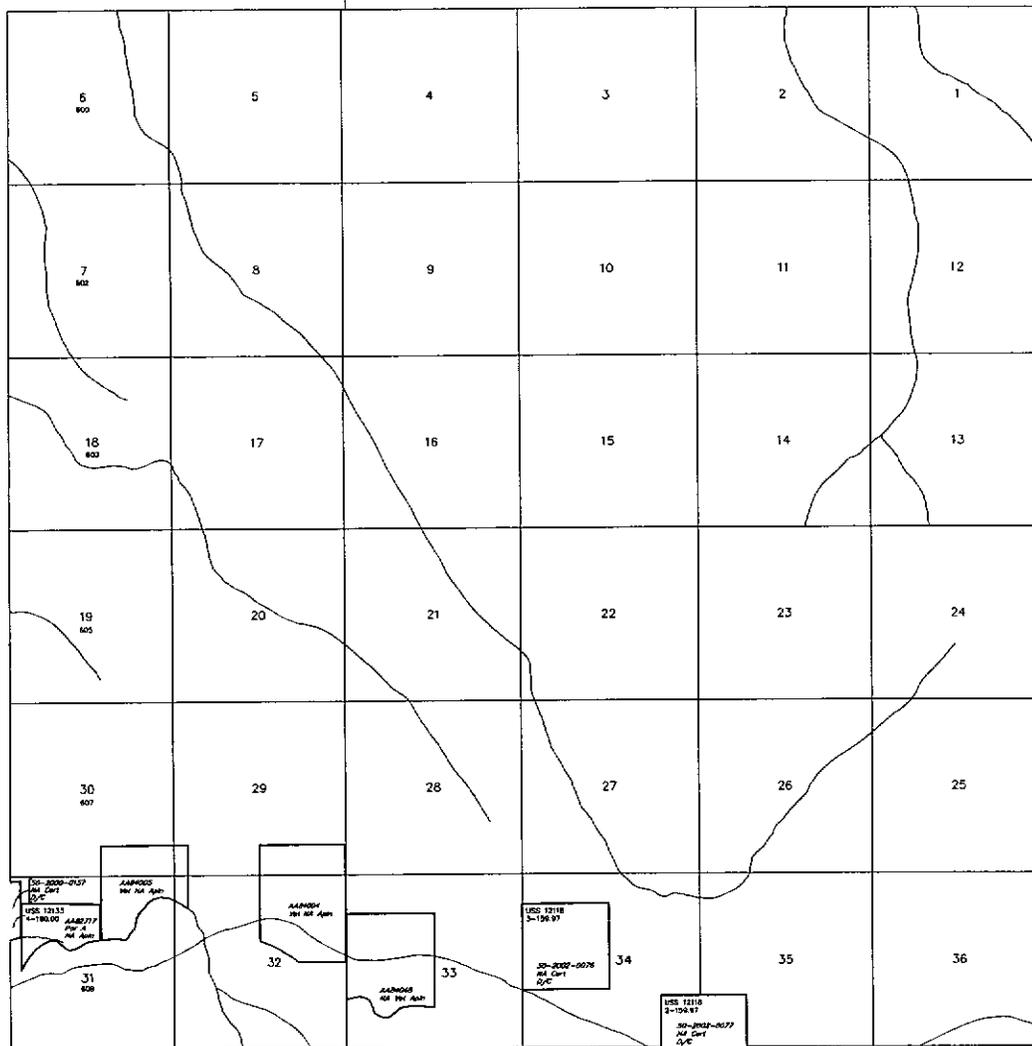
STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

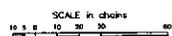
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHIN THIS TOWNSHIP FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

PLD 5184 WA D affects Lands/Interests not conveyed

PL 95-457 WA Yukon Delta NWR entire Tp



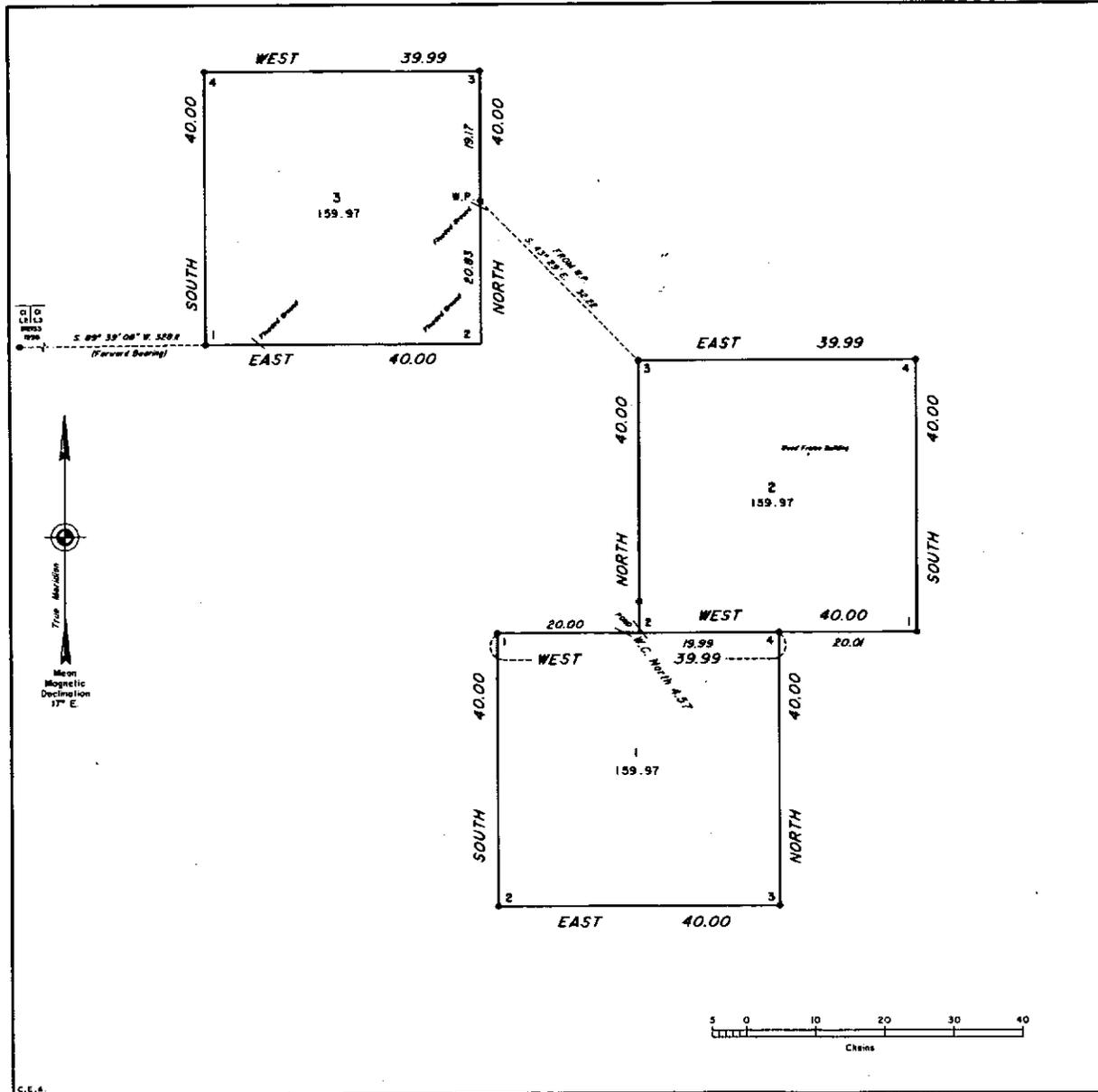
Lat 60°44'00.841"N
Long 150°14'30.220"W



WARNING:
This plat is the Bureau's Record of Title, and should be used
only as a general guide to the boundary survey data. It
does not and is not intended to show changes which may have been
effected by survey measurements of points or other features of land.
Refer to the original surveys for official survey information.

CURRENT TO		Sew Mer
5-1-2006		T 8 N
		R 63 W

ACAD



**U. S. SURVEY
No. 12118, ALASKA**

COMPRISING LOTS 1 THROUGH 3

SITUATED ON THE NUKLUK CREEK DRAINAGE

APPROXIMATELY 39 MILES SOUTHEASTERLY
OF THE VILLAGE OF KWETHLUK, ALASKA

WITHIN TOWNSHIPS 7 AND 8 NORTH, RANGE 65 WEST,
SEWARD MERIDIAN, ALASKA

THE GEOGRAPHIC POSITION OF
CORNER NO. 1, LOT 3,
IS:

LATITUDE: 60° 44' 10.27" NORTH (MAD 27)
LONGITUDE: 160° 19' 49.11" WEST

AREA: 479.91 Acres.

SURVEYED BY

CHARLES E. AKIM, JR.,
REGISTERED ALASKA LAND SURVEYOR No. LB-5131,
FOR
THE AKIAK NATIVE COMMUNITY
JUNE 14 THROUGH JUNE 16, 2000

UNDER SPECIAL INSTRUCTIONS
DATED FEBRUARY 20, 1997,
APPROVED DECEMBER 10, 1997,
(MAD)

CONTRACT No. MAC 000078,
DATED JUNE 12, 2000.

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 6 (m) of the Alaska Statehood Act, P.L. 85-508, not withstanding the name, location, or absence of meander lines to depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director
Daniel L. Johnson 11-14-00
Date
Deputy State Director for Coastal Survey,
Alaska.

UNSURVEYED TOWNSHIP 7 NORTH RANGE 63 WEST OF THE SEWARD MERIDIAN, ALASKA
 PROTRACTION DIAGRAM NO. S10-12 OFFICIALLY FILED 7/27/1959

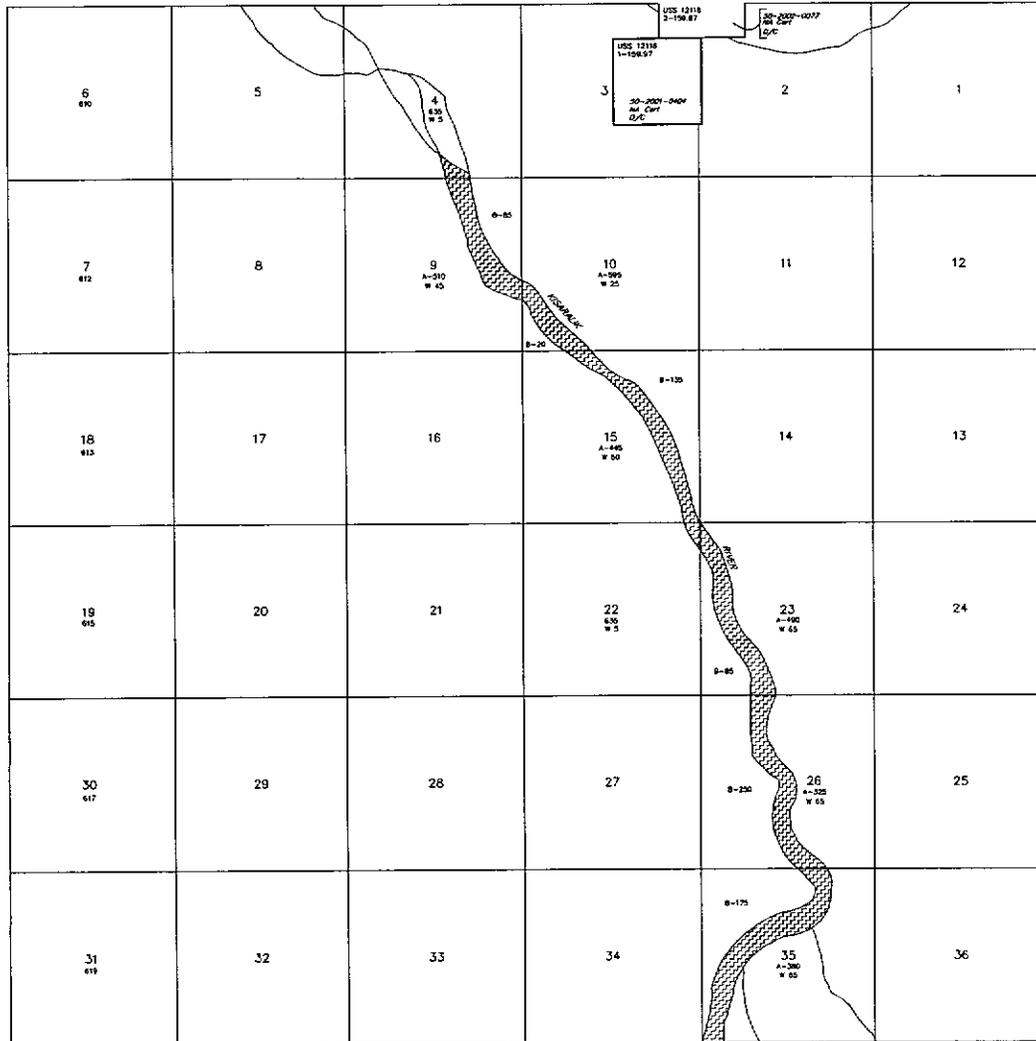
STATUS OF PUBLIC DOMAIN
 LAND AND MINERAL TITLES

MTP

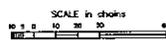
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
 IDENTIFIED LANDS WITHIN ANY TOWN CLASSIFICATION
 MINERAL, WATER AND/OR OTHER PUBLIC PURPOSES
 REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PLD 5100 USE OF Public Interest affects Lots/Interests
 not conveyed

PL 96-487 USE Yukon Delta NMT on file Jo



Lat 60°38'46.869"N
 Long 150°14'30.220"W



WARNING:
 This plat is the Bureau's Record of Plat, and should be used
 only as a guide. Copies of this plat are not to be used for
 any purpose other than to show the location of the land shown
 thereon. This plat does not reflect title changes which may have been
 effected by federal instruments of title or other federal records.
 Refer to the cadastral survey for official survey information.

CURRENT TO	Sew Mer
6-6-2004	T 7 N
	R 63 W

ACAD

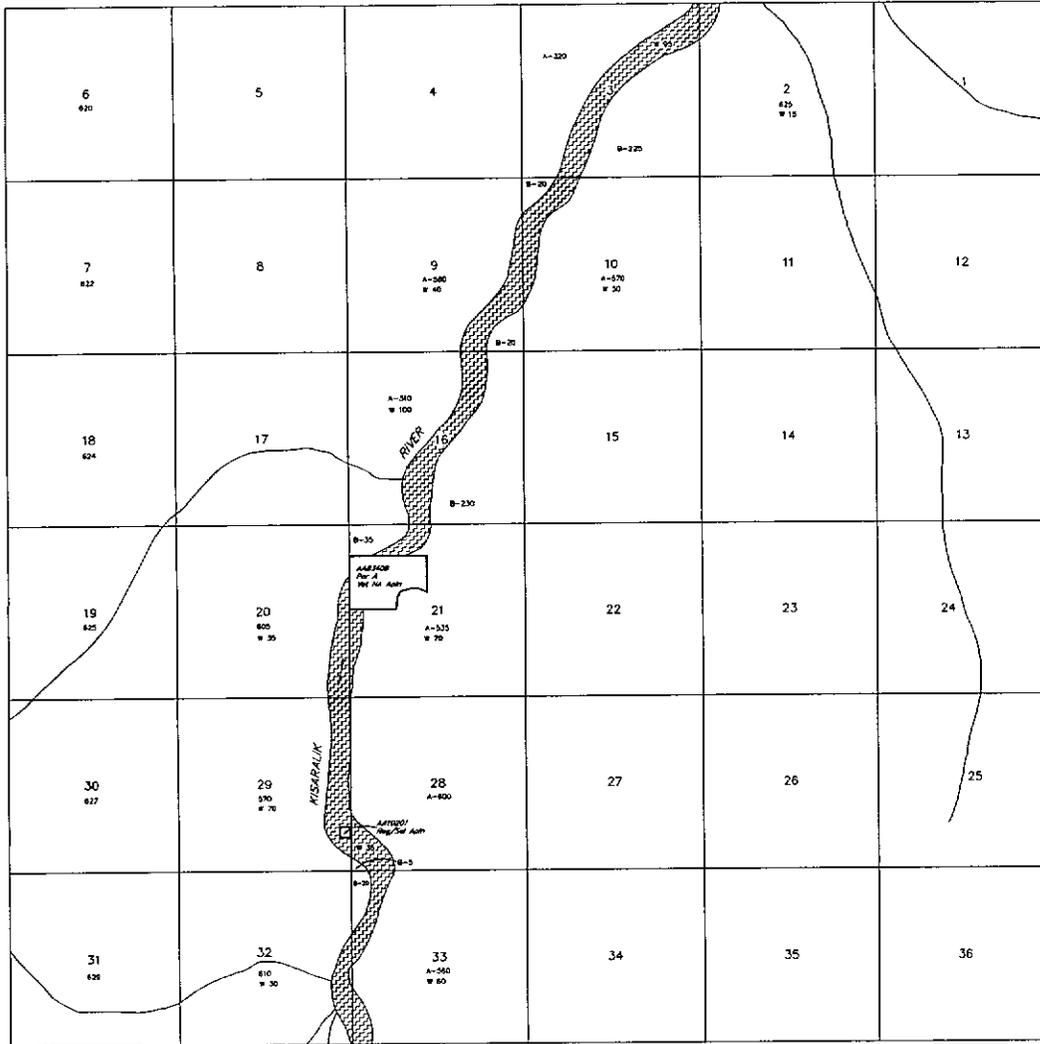
UNSURVEYED TOWNSHIP 6 NORTH RANGE 63 WEST OF THE SEWARD MERIDIAN, ALASKA
 PROTRACTOR DIAGRAM NO. 510-12 OFFICIALLY FILED 7/27/1959

STATUS OF PUBLIC DOMAIN
 LAND AND MINERAL TITLES

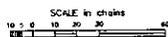
MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
 IDENTIFIED LANDS WITHIN ANY FOR CLASSIFICATION
 MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
 REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

FILE 5100 REF ID # Public Interest affects Lots/Interests
not conveyed



Lot 60°33'36.8957N
 Long 160°14'50.2207W



WARNING:
 This plan is the Bureau's Record of Title, and should be used
 only to verify the identity of the lands therein shown. It
 does not show all out-lying title changes which may have been
 recorded by some instrument of title or other books of record.
 Refer to the cadastral survey for official survey information.

CURRENT TO		Sew Mer
7-19-2004		T 6 N
		R 63 W

ACAD

UNSURVEYED TOWNSHIP 5 NORTH RANGE 63 WEST OF THE SEWARD MERIDIAN, ALASKA

PROTRACTION DIAGRAM NO. S10-12 OFFICIALLY FILED 7/27/1959

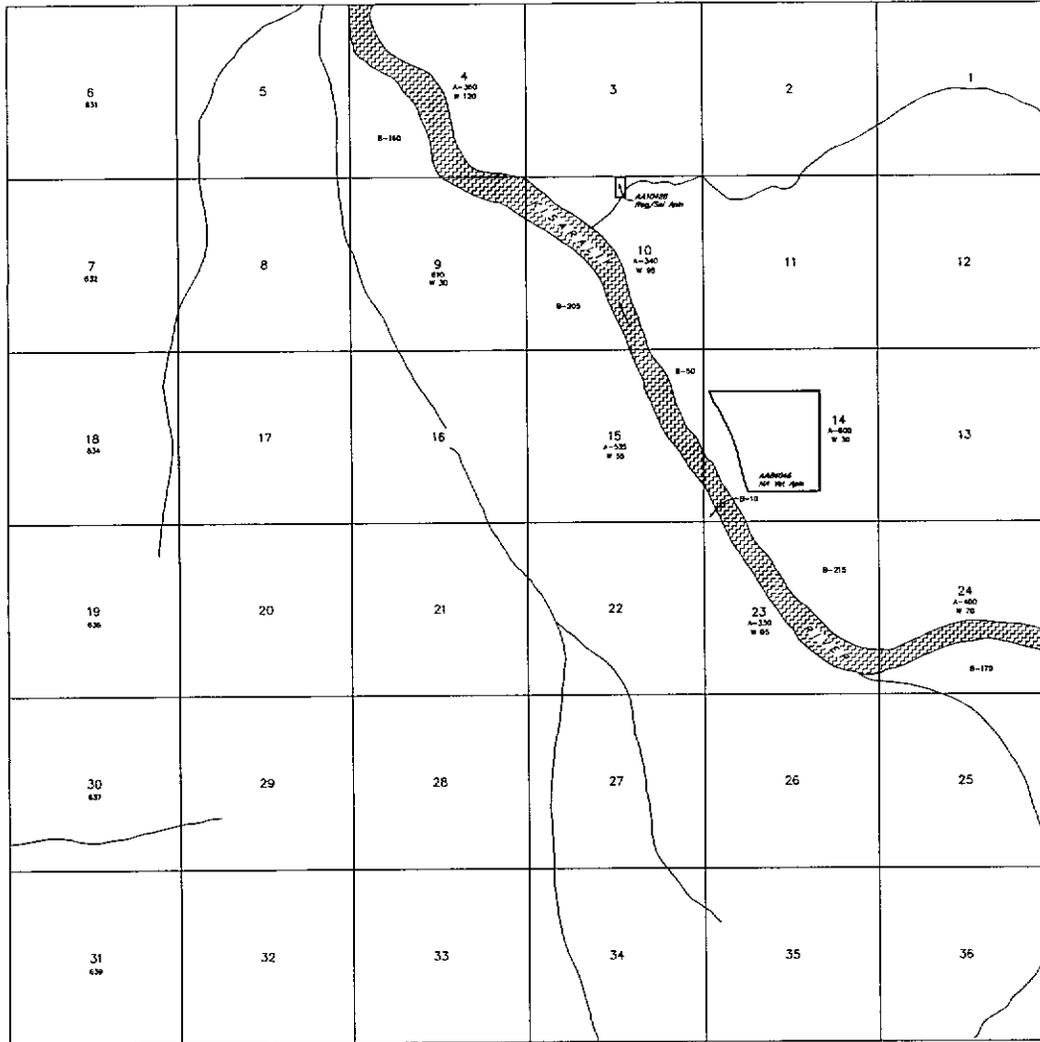
STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

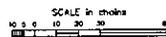
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

P.L.O. 5180 REF. OF A Public Interest affects Lots/Interests
not contained

P.L. 85-487 REF. Alaska Data NMR entire T₅



Lat 60°28'24.913"N
Long 160°14'30.220"W



Warning:
This map is the Bureau's Record of Title and should be used
only as a graphic display of the Bureau's survey data. It
should not be used to determine boundaries. The shapes which may have been
affected by recent measurements of rivers or other bodies of water.
Refer to the indicated sources for official survey information.

CURRENT TO		Sew Mer
6-6-2004		T 5 N
		R 63 W

ACAD

UNSURVEYED TOWNSHIP 5 NORTH RANGE 62 WEST OF THE SEWARD MERIDIAN, ALASKA
 PROJECTION DIAGRAM NO. 510-12 OFFICIALLY FILED 7/27/1959

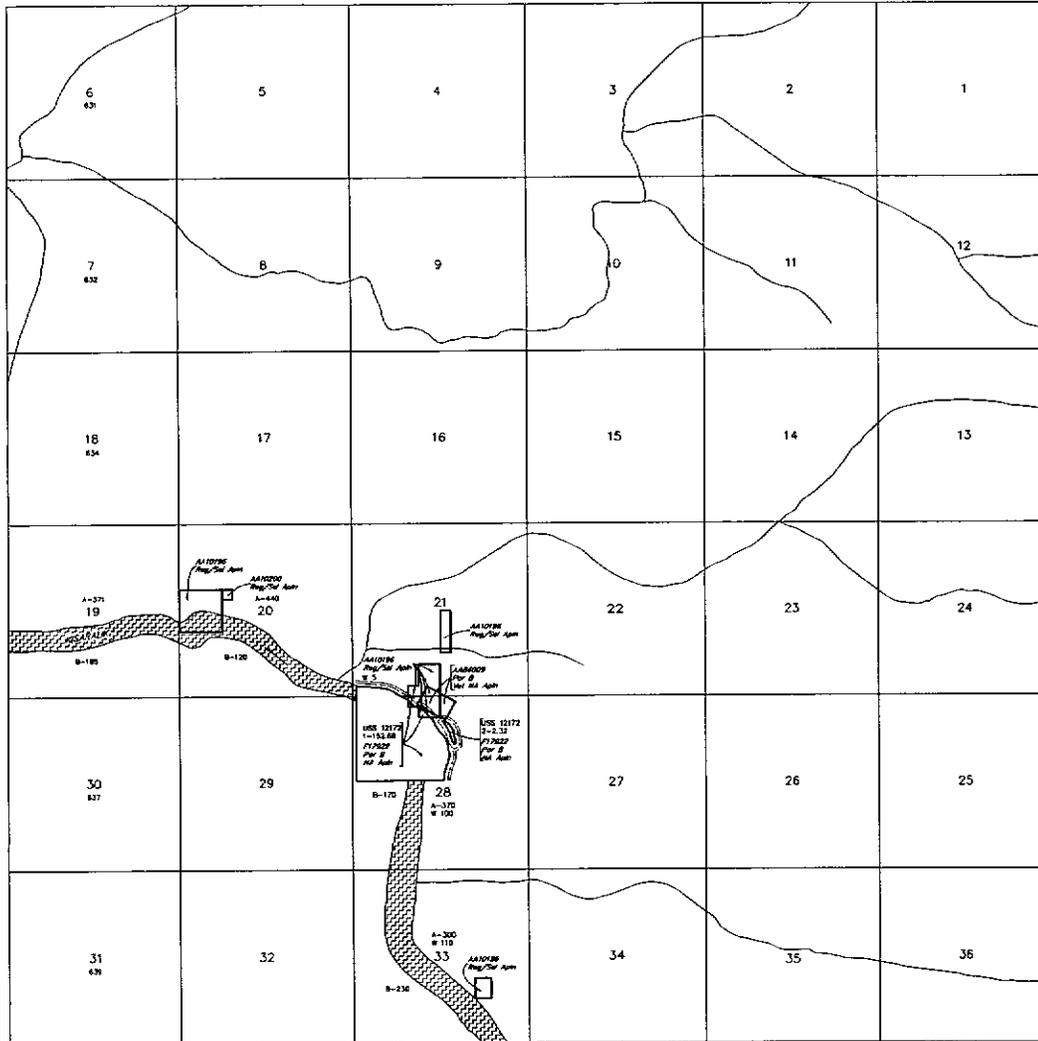
STATUS OF PUBLIC DOMAIN
 LAND AND MINERAL TITLES

MTP

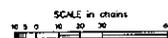
FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
 ADVERTISED LANDS WITHIN-RANGE FOR CLASSICAL FISH-
 MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
 REFER TO INDEX OF MISCELLANEOUS DOCUMENTS.

PL 0 5442 AND V/Reg Corp. Sec. 6 C affects Lds/Interests
 not surveyed

PL 98-607 AND Nation Data NWB on the Sp



Lat 60°28'24.9137N
 Long 160°03'58.2107W



NOTES:
 This plat is the Bureau's Record of Title, and should be used
 only as a graphic index of the land's status. It is not
 a legal document and should not be used as evidence in any
 court. It does not reflect the changes which may have been
 effected by local improvements of title or other books of record.
 Refer to the cadastral maps for official survey information.

CURRENT ID		Sew Mer
J-18-2004		T 5 N
		R 62 W

ACAD

**U. S. SURVEY
No. 12172, ALASKA
COMPRISING 2 LOTS**

This plat contains the entire survey record.

This survey was executed by Charles E. Akin, Jr., Registered Alaska Land Surveyor No. LS-5131, for the Organized Village of Kwethluk IRA Council, August 6 through August 24, 1998 in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions dated August 4, 1997, approved December 10, 1997, under Contract No. 1422-M660-C98-3035, awarded June 4, 1998, and Notice to Proceed dated June 25, 1998.

Field assistants were:

James E. Mitchell, Land Surveyor
William L. Schultz, Survey Technician

Area: 155.00 Acres.

The azimuth was obtained by Global Positioning System methods and refers to the true meridian.

The geographic position of the witness corner to corner No. 3, Lot 1, U.S. Survey No. 12172, a meander corner, as determined by a direct tie, using Global Positioning System methods, to National Geodetic Survey triangulation station "NAD81, 1954", is:

Latitude: 60° 30' 11.34" North
Longitude: 160° 10' 57.71" West (NAD 27)

The observed mean magnetic declination is 17° East.

This survey is situated approximately 49 miles southeasterly of Kwethluk, Alaska, on the Kisalarik River at Golden Gate Falls, within Township 5 North, Range 62 West, Seward Meridian, Alaska.

The land is open rolling hills with small patches of willow and other brush and small stands of cottonwood and spruce. Access to the parcel was by helicopter.

The term DEEP-1 magnet refers to a magnetic marker composed of strontium encased in a color coded plastic container. The units are 1 inch diameter and 2 1/2 inches long.

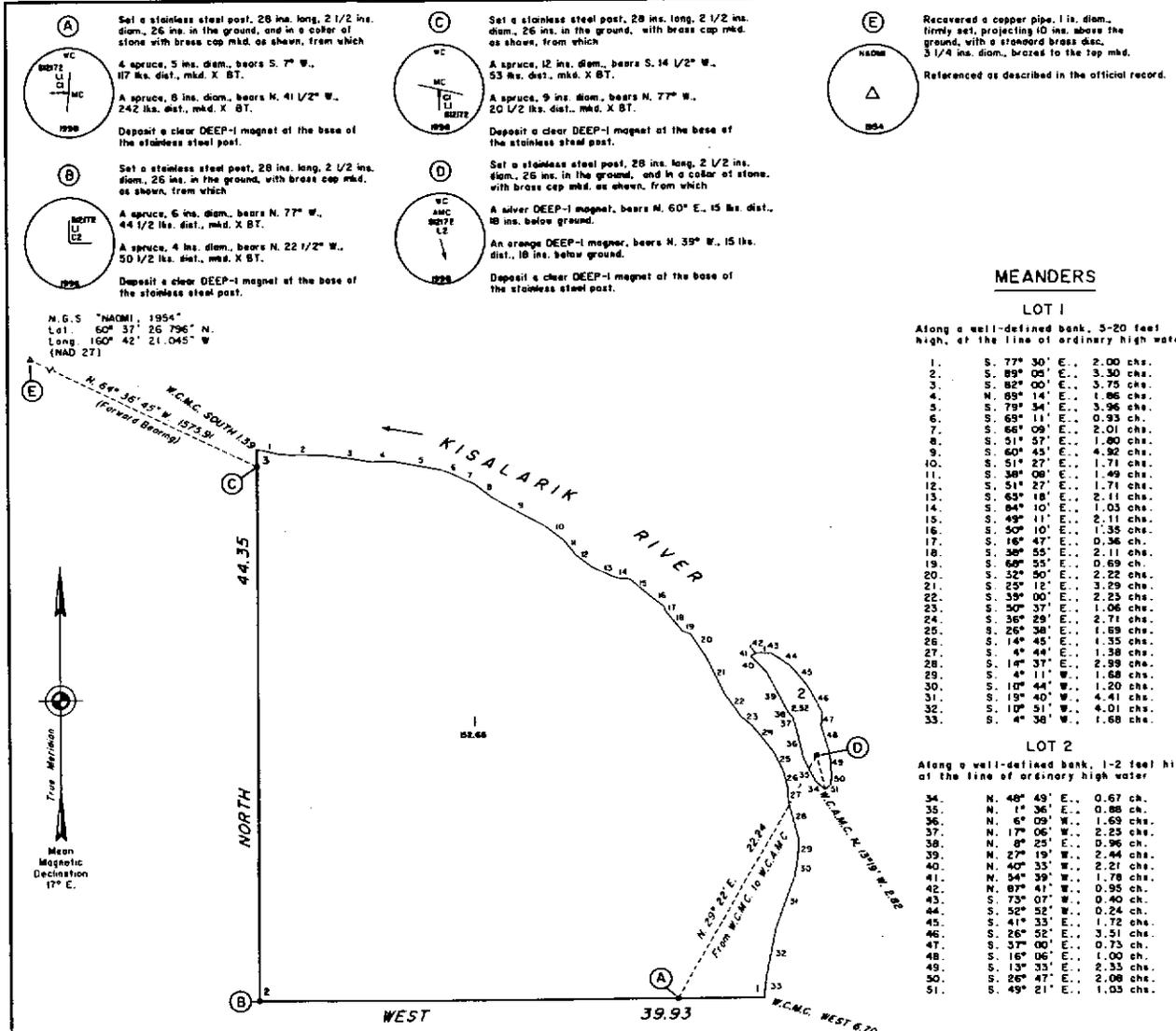
Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

The survey represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director 2 JUNE 1999

George P. Priest Date
Deputy State Director for Cadastral Survey,
Alaska.



MEANDERS

LOT 1

Along a well-defined bank, 3-20 feet high, at the line of ordinary high water

1. S. 77° 30' E. 2.00 chs.
2. S. 89° 05' E. 3.30 chs.
3. S. 82° 00' E. 3.75 chs.
4. N. 65° 14' E. 1.86 chs.
5. S. 79° 34' E. 3.96 chs.
6. S. 63° 11' E. 0.93 ch.
7. S. 66° 09' E. 2.01 chs.
8. S. 51° 57' E. 1.80 chs.
9. S. 60° 45' E. 4.82 chs.
10. S. 51° 27' E. 1.71 chs.
11. S. 38° 08' E. 1.49 chs.
12. S. 51° 27' E. 1.71 chs.
13. S. 63° 18' E. 2.11 chs.
14. S. 84° 10' E. 1.03 chs.
15. S. 49° 11' E. 2.11 chs.
16. S. 50° 10' E. 1.35 chs.
17. S. 16° 47' E. 0.36 ch.
18. S. 38° 55' E. 2.11 chs.
19. S. 60° 35' E. 0.69 ch.
20. S. 32° 50' E. 2.22 chs.
21. S. 25° 12' E. 3.29 chs.
22. S. 35° 00' E. 2.23 chs.
23. S. 50° 37' E. 1.06 chs.
24. S. 36° 29' E. 2.71 chs.
25. S. 26° 38' E. 1.69 chs.
26. S. 14° 45' E. 1.35 chs.
27. S. 14° 45' E. 1.38 chs.
28. S. 14° 37' E. 2.88 chs.
29. S. 4° 11' W. 1.68 chs.
30. S. 10° 44' W. 1.20 chs.
31. S. 10° 51' W. 4.41 chs.
32. S. 10° 51' W. 4.01 chs.
33. S. 4° 36' W. 1.68 chs.

LOT 2

Along a well-defined bank, 1-2 feet high, at the line of ordinary high water

34. N. 40° 49' E. 0.67 ch.
35. N. 1° 36' E. 0.88 ch.
36. N. 6° 09' W. 1.63 chs.
37. N. 17° 06' W. 2.23 chs.
38. N. 8° 25' E. 0.96 ch.
39. N. 27° 19' W. 2.44 chs.
40. N. 40° 35' W. 2.21 chs.
41. N. 54° 39' W. 1.78 chs.
42. N. 87° 41' E. 0.95 ch.
43. S. 75° 07' W. 0.40 ch.
44. S. 52° 52' W. 0.24 ch.
45. S. 41° 33' E. 1.72 chs.
46. S. 26° 52' E. 3.51 chs.
47. S. 37° 00' E. 0.75 ch.
48. S. 16° 06' E. 1.00 ch.
49. S. 13° 33' E. 2.33 chs.
50. S. 28° 47' E. 2.08 chs.
51. S. 49° 21' E. 1.03 chs.

(A) Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, and in a collar of stone with brass cap mkd. as shown, from which
4 spruce, 5 ins. diam., bears S. 7° W., 117 lbs. dist., mkd. X BT.
A spruce, 6 ins. diam., bears N. 41 1/2° W., 242 lbs. dist., mkd. X BT.
Deposit a clear DEEP-1 magnet at the base of the stainless steel post.

(B) Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. as shown, from which
A spruce, 6 ins. diam., bears N. 77° W., 44 1/2 lbs. dist., mkd. X BT.
A spruce, 4 ins. diam., bears N. 22 1/2° W., 50 1/2 lbs. dist., mkd. X BT.
Deposit a clear DEEP-1 magnet at the base of the stainless steel post.

(C) Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. as shown, from which
A spruce, 12 ins. diam., bears S. 14 1/2° W., 53 lbs. dist., mkd. X BT.
A spruce, 9 ins. diam., bears N. 77° W., 20 1/2 lbs. dist., mkd. X BT.
Deposit a clear DEEP-1 magnet at the base of the stainless steel post.

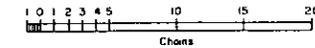
(D) Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, and in a collar of stone, with brass cap mkd. as shown, from which
A silver DEEP-1 magnet, bears N. 60° E., 15 lbs. dist., 18 ins. below ground.
An orange DEEP-1 magnet, bears N. 39° W., 15 lbs. dist., 18 ins. below ground.
Deposit a clear DEEP-1 magnet at the base of the stainless steel post.

(E) Recovered a copper pipe, 1 in. diam., firmly set, projecting 10 ins. above the ground, with a standard brass disc, 3 1/4 ins. diam., braces to the top mkd. Referenced as described in the official record.

N.G.S. "NAD81, 1954"
Lat. 60° 37' 26.796" N.
Long. 160° 42' 21.045" W
(NAD 27)



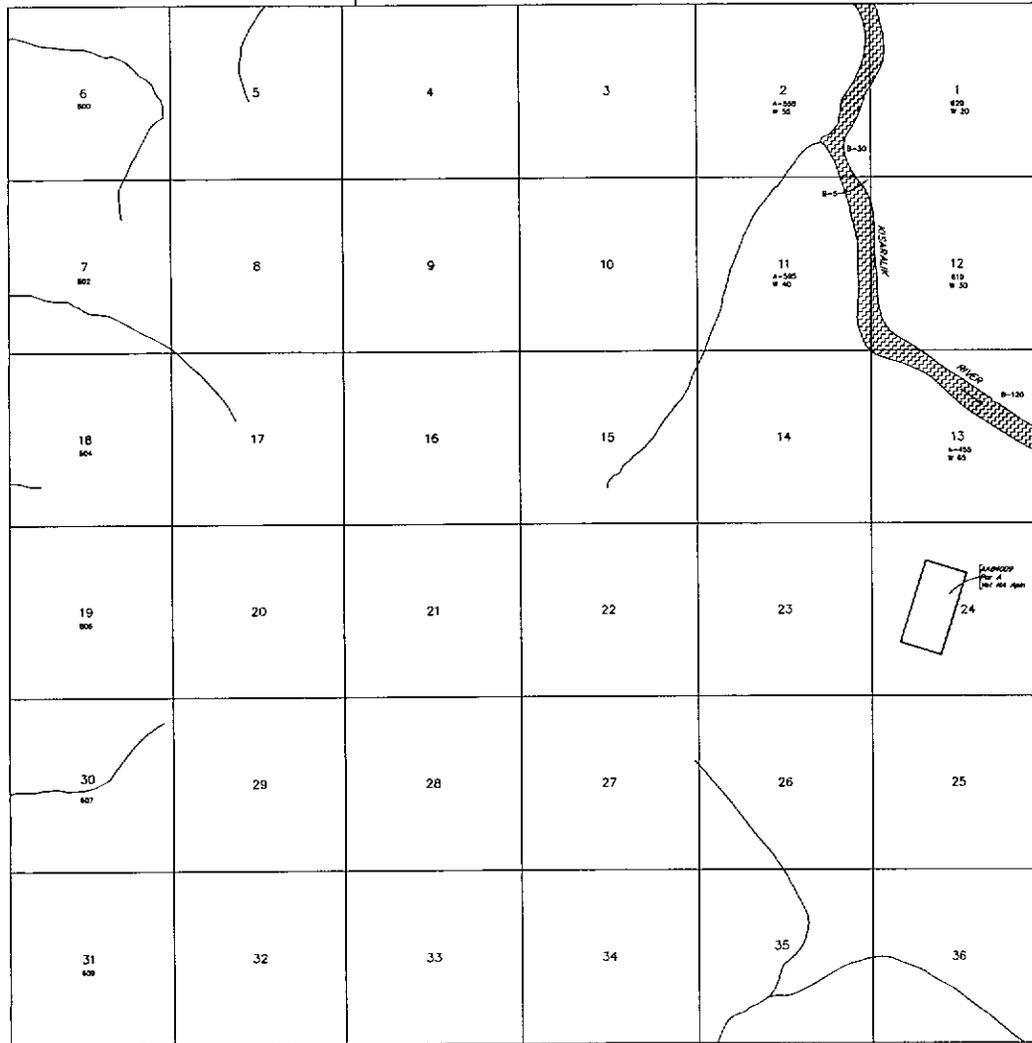
I, Charles E. Akin, Jr., Registered Alaska Land Surveyor No. LS-5131, HEREBY CERTIFY upon honor that in pursuance of Special Instructions dated August 4, 1997, and under Contract No. 1422-M660-C98-3035, awarded June 4, 1998, I have executed the survey depicted on this plat in strict conformity with said Special Instructions, the Manual of Surveying Instructions for the Survey of Public Lands of the United States, 1973, and in the specific manner described on this plat.
5/13/1999
Charles E. Akin, Jr.
Registered Land Surveyor



UNSURVEYED TOWNSHIP 4 NORTH RANGE 63 WEST OF THE SEWARD MERIDIAN, ALASKA

PROTRACTION DIAGRAM NO. S10-13 OFFICIALLY FILED 7/27/1979

R 63W R 62W



STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

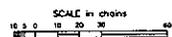
MTP

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

PL 93-502 AND D. & Public Interest affects Lots/Interests
not conveyed

PL 95-657 AND Subsequent Date NWR entire Tr.

Lot 8023'12.928"N
Long 16007'37.456"W



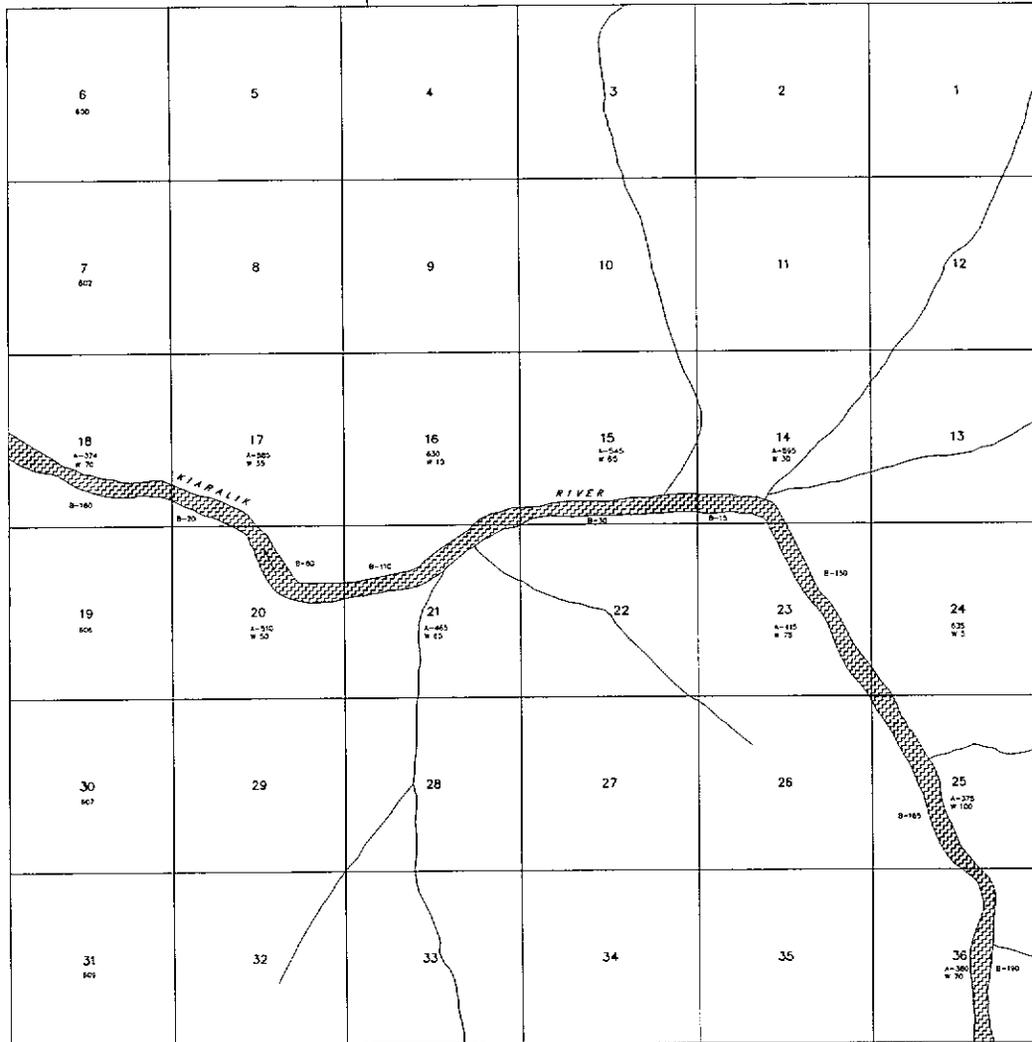
WARNING:
This plat is the Bureau's Record of Title, and should be used
only as a graphic display of the Bureau's survey data. It
will change as new survey data are received which may have been
submitted by private individuals or other sources of title.
Refer to the customer's brochure for official survey information.

CURRENT TO	Sew Mer
3-16-2004	T 4 N
	R 63 W

ACAD

UNSURVEYED TOWNSHIP 4 NORTH RANGE 62 WEST OF THE SEWARD MERIDIAN, ALASKA
 PROTRACTION DIAGRAM NO. 510-13 OFFICIALLY FILED 7/27/1956

R 62W R 61W



**STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES**

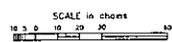
MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-IDENTIFIED LANDS WHATEVER FOR CLASSIFICATION MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES REFER TO INDEX OF MISCELLANEOUS DOCUMENTS

PL 90-260 AND 261 & Public Interest affects Lands/Interests not conveyed

PL 98-407 AND Tuleen Actio 2004 entire to

Lat 60°23'12.928"N
Long 159°57'12.110"W



WARNING:
 This plan is the Bureau's Record of Title, and should be used only as a general guide of the boundary survey. Any discrepancies between the original survey and this plan should be referred to the original survey records. This plan does not affect the rights of any party who has been affected by the survey. For official survey information, refer to the cadastral survey for official survey information.

CURRENT TO		Sew Mar
5-23-2004		T 4 N
		R 62 W

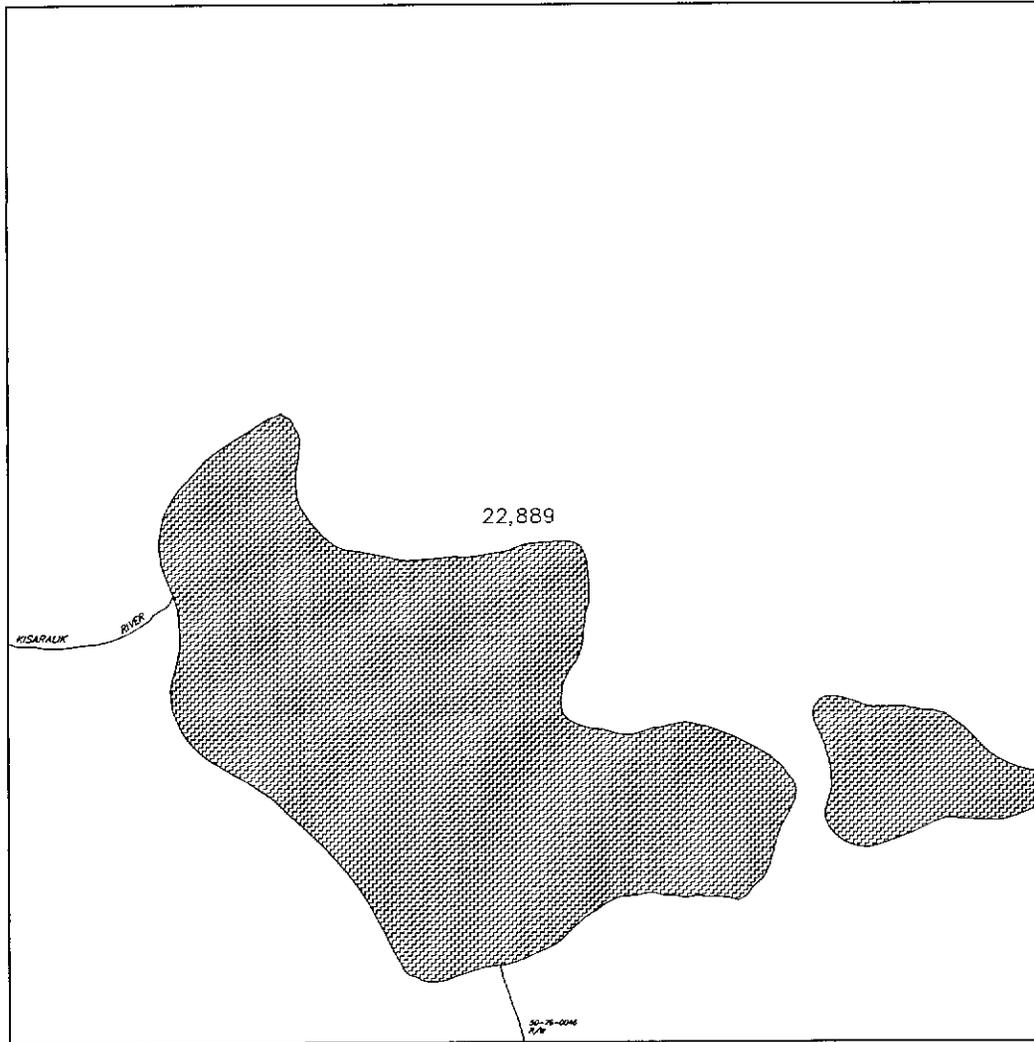
ACAD

SURVEYED TOWNSHIP 3 NORTH RANGE 58 WEST OF THE SEWARD MERIDIAN, ALASKA

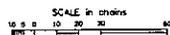
STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLES

MTP

FOR ORDERS EFFECTING DISPOSAL OR USE OF UN-
IDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION
MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES
REFER TO BOOK OF MISCELLANEOUS DOCUMENTS.



East 60°18'00.940"N
Long 159°15'30.728"W



WARNING:
This map is the Bureau's Record of Title, and should be used
only as a general display of the Bureau's survey data. Rec-
ords herein do not reflect the changes which may have been
effected by formal amendments of Plans or other means of water.
Refer to the electronic surveys for official survey boundaries.

CURRENT TO		Sew Mer
9-16-2003		T. 3 N
		R. 58 W

ACAD