

**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

**Proposed Reconveyance of an
Alaska Native Allotment in the Unorganized Borough**

PRELIMINARY DECISION

**ADL 414816
BLM FF082132**

PUBLIC COMMENT PERIOD ENDS 3:00 P.M., THURSDAY, SEPTEMBER 4, 2025

I. Proposed Action

Preliminary Decision: William Christian Native Allotment – ADL 414816

Attachment A: Vicinity Map

Attachment B: Public Notice

Attachment C: U.S. Survey 12479

Proposed Action: The primary proposed action of this Preliminary Decision (PD) of the State of Alaska (State), Department of Natural Resources (DNR), Division of Mining, Land and Water (DMLW), Land Conveyance Section (LCS) is to voluntarily reconvey to the United States of America, Lots 2 and 3, U.S. Survey No. 12479, aggregating 159.97 acres, more or less, of wrongfully conveyed state land. See *Attachment A: Vicinity Map* for a depiction of the project area.

The subject parcel is an Alaska Native allotment, Bureau of Land Management (BLM) Serial No. FF082132 claimed by William Christian (deceased). The claim is being settled in accordance with the Stipulated Procedures for Implementation of Order approved by the Court to implement the decision in *Ethel Aguilar v. United States of America*, 474 F. Supp. 840 (D. Alaska 1979) (herein cited as *Aguilar*) and Alaska Statute (AS) 38.05.035(b)(9) Powers and Duties of the Director.

Public Notice of Proposal: In accordance with AS 38.05.945 Notice, during a period of at least 30 consecutive days, the public will have the opportunity to submit written comment on this proposal.

See **Section XVI. Submittal of Public Comments** at the end of this document and *Attachment B: Public Notice* for details on how to submit a comment for consideration. If, after consideration of timely, written comments, DNR DMLW LCS moves forward with the proposal, a Final Finding and Decision (FFD) will be issued.

II. Authority

This reconveyance is being adjudicated pursuant to AS 38.05.035(b)(9) Power and Duties of the Director, AS 38.05.830 Land Disposal in the Unorganized Borough, and the settlement authority of the Attorney General in accordance with *Aguilar*.

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III. Administrative Record

The DNR case file ADL 414816 and BLM case file FF082132 constitute the administrative record for this proposed action. Also incorporated by reference are:

- DNR case file GS 1906.

IV. Scope of the Proposal

The scope of this proposal, under the statutes described in the preceding **Section II. Authority**, is limited and specific to DNR DMLW's proposal to voluntarily reconvey this land to the United States of America in accordance with the Stipulated Procedures for Implementation of Order approved by the Court to implement the decision in *Aguilar* and AS 38.05.035(b)(9) Powers and Duties of the Director, and whether the reconveyance should be made subject to any stipulations to best serve the interests of the public and the State.

V. Location

Located in DNR's Northern Region and the Unorganized Borough, the subject parcel is approximately 160 air miles north of Fairbanks and within Sections 15 and 22, Township 27 North, Range 2 East, Fairbanks Meridian. The subject parcel consists of 159.97 acres, more or less, identified for reconveyance by this proposed action. See *Attachment A: Vicinity Map* for a depiction of the subject parcel.

USGS Map Coverage: Chandalar A-1

Borough/Municipality: Unorganized Borough

Native Councils and Corporations: The subject parcel is within the boundaries of Doyon Regional Corporation. The Village of Venetie is within 25 miles of this proposed action. Notice will be sent to the Native Village of Venetie Tribal Government, Tanana Chiefs Conference, and Bureau of Indian Affairs (BIA) Fairbanks Office.

VI. Legal Description

Lots 2 and 3, U.S. Survey No. 12479, Alaska, according to the plat accepted by the United States Department of the Interior, Bureau of Land Management, Anchorage, Alaska, on June 8, 2016, and officially filed on June 27, 2016, aggregating 159.97 acres, more or less.

Situated in the Fairbanks Recording District.

VII. Title

The State received title to the land on August 30, 1982, under a Tentative Approval. Patent 50-96-0481 was issued on June 27, 1996. The State file is GS 1906 (BLM FF015169). Title Report No. 23673 was issued on June 26, 2025. No third-party interests were identified. The parcel is subject to the reservations, easements, and exceptions contained in Patent 50-96-0481 dated June 27, 1996.

Acquisition: The State filed selection application GS 1906 (BLM FF015169) for Township 27 North, Range 2 East, Fairbanks Meridian on January 24, 1972.

Restrictions: Any reservations in the patent the State received from BLM will merge with the title once the land is conveyed back to the United States.

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VIII. Background

The following events for this case are:

- William Christian began his use and occupancy of the subject lands in 1964 according to documentation in DNR case file ADL 414816.
- The Native allotment application was signed in 1971, then lost in 1972. His native allotment application was reconstructed and signed on July 20, 1983, along with the consent and agreement to be a member of the plaintiff class in *Barr vs US*, 1982. The application was filed on October 4, 1983.
- The State filed selection application GS 1906 for Township 27 North, Range 2 East, Fairbanks Meridian on January 24, 1972, received title by Tentative Approval on August 30, 1982, and Patent on June 27, 1996.
- BLM determined Native allotment application FF082132 to be legislatively approved on April 27, 1992.
- BLM surveyed the 159.97-acre parcels and issued U.S. Survey No. 12479 in 2016.
- The State received a request for reconveyance on June 24, 2024.

IX. Planning, Classification, and Mineral Orders

1. *Planning*: The subject parcel is located within the pending Northeast Alaska Area Plan. This plan is currently begin developed. The land is currently not designated or classified.
2. *Land Use Classification*: The subject parcel is unclassified. As this reconveyance falls under AS 38.05.035(b)(9) Powers and Duties of the Director, and pursuant to AS 38.05.035(c) Powers and Duties of the Director, this parcel of land may be reconveyed without classification or reclassification under AS 38.05.300 Classification of Land.
3. *Mineral Order*: The parcel is not subject to a mineral order.
4. *Local Planning*: This parcel does not exist within any local planning unit.

X. Traditional Use Finding

In accordance with AS 38.05.830 Land Disposal in the Unorganized Borough, a traditional use finding is required if the subject parcel is within the Unorganized Borough. This parcel is within the Unorganized Borough, and a traditional use finding is required. Information on traditional use is welcome during the public comment period and if this proposal is approved, LCS will address the information received in a subsequent FFD. See the **Section XVI. Submittal of Public Comments** at the end of this document and *Attachment B: Public Notice* for details on how to submit comment.

XI. Access, Including Access To and Along Public or Navigable Water

Public Access: This parcel has public access via the East Fork Chandalar River.

Access To and Along Public or Navigable Waters: In accordance with AS 38.05.127 Access To Navigable or Public Water, DNR will determine if a water body is navigable or public and establish easements or rights-of-way as necessary to ensure unobstructed access to and along the body of water. Regulations dictating the creation of easements or rights-of-way under this statute include 11 AAC 51.035 Determination of Navigable and Public Water, 11 AAC 51.045 Easements To and Along Navigable and Public Water, and 11 AAC 53.450 Buffer Strips, Reserved Areas, and Public Easements. In addition, an affected landowner may, under 11 AAC

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51.065 Vacation of Easements, file a request with DNR to vacate, modify, or relocate a public access easement.

The subject parcel sits on the East Fork Chandalar River, which has been determined to be navigable. A review of the subject parcel, the surrounding area, and land ownership shows that there is state land on either side of the parcel along the river. Therefore, a 50-foot public access easement from ordinary high water (OHW) is required per AS 38.05.127 Access To Navigable or Public Water. To decline a 50-foot public access easement on the subject parcel would create a discontinuous easement along the river.

Zimmerman Creek flows through the subject parcel, which has been determined to be public. A review of the subject parcel, the surrounding area, and land ownership shows that the creek flows through state land before entering the subject parcel. Therefore, a 50-foot public access easement from ordinary high water (OHW) is required per AS 38.05.127 Access To Navigable or Public Water. To decline a 50-foot public access easement on the subject parcel would create a discontinuous easement along the creek.

Easements and Setbacks: Under AS 19.10.010 Dedication of Land for Public Highways, the application of a 50-foot section line easement is required on all protracted or surveyed section or township lines on State land. There are no provisions under the law to exclude this 50-foot section line easement dedication at conveyance or reconveyance back to the federal government. However, an affected landowner may, under 11 AAC 51.065 Vacation of Easements, file a request with DNR to vacate, modify, or relocate a section line easement.

The section lines within this parcel are surveyed. Hence, the exact location of the section line easements can be identified. The estimated location of these easements is shown in *Attachment A: Vicinity Map*.

The reconveyance will except, reserve, or be subject to the reservations brought forth by the public notice, if any, and the following:

Subject to:

- (a) A right-of-way easement fifty (50) feet in width along each side of the surveyed section line common to Sections 15 and 22, Township 27 North, Range 2 East, Fairbanks Meridian, pursuant to AS 19.10.010 Dedication of Land for Public Highways, 11 AAC 51.025 Section Line Easements, and AS 19.25.010 Use of Rights-of-way for Utilities;
- (b) An easement fifty (50) feet in width for public access, upland, abutting, and running in common with the ordinary high-water mark along the East Fork Chandalar River within Lots 2 and 3, USS 12479 of Sections 15 and 22, Township 27 North, Range 2 East, Fairbanks Meridian, Alaska, pursuant to AS 38.05.127 Access to Navigable and Public Water, 11 AAC 51.045 Easements To and Along Navigable and Public Water;
- (c) An easement fifty (50) feet in width for public access, upland, abutting, and running in common with the ordinary high-water mark along each side of Zimmerman Creek within Lot 2, USS 12479 of Sections 15 and 22, Township 27 North, Range 2 East, Fairbanks Meridian, Alaska,

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pursuant to AS 38.05.127 Access to Navigable and Public Water, 11 AAC 51.045 Easements To and Along Navigable and Public Water; and

- (d) All other valid existing rights, including reservations, and exceptions in the U.S. Patent, or other state or federal conveyance, and in acts authorizing the issue thereof; easements, rights-of-way, covenants, conditions reservations, notes of the plat, and restrictions of record, if any.

XII. Reservation of the Mineral Estate

The Division of Oil and Gas (DOG) and DMLW have determined that it is not in the State's best interest to retain the mineral estate. The mineral estate will not be retained pursuant to AS 38.05.035(e) Powers and Duties of the Director. The State will receive an acreage credit for the lands.

XIII. Hazardous Materials and Potential Contaminants

The Department of the Interior, BLM, is expected to inspect the parcel and familiarize itself with the condition and quality of the land. The State makes no representations and no warranties, express or implied, concerning the existence or absence of any hazardous substances, hazardous wastes, contaminants, or pollutants on the land here proposed for reconveyance. The State does not assume any liability for the removal of hazardous substances, hazardous wastes, contaminants, or pollutants, nor for the remediation of the site should such substances ever be identified.

XIV. Survey

The parcel is adequately surveyed for reconveyance to the United States of America. See *Attachment C: U.S. Survey 12479*.

XV. DMLW and Agency Review

Information and comments received from multiple sections within DMLW prior to and during agency review have been considered and included in the preparation of this preliminary decision. Agency review was conducted from January 14, 2025, to February 11, 2025. Comments pertinent to this proposed action received during agency review have been considered and addressed below. Additional timely comments received during the Public Notice period will be considered and addressed in a subsequent FFD.

DNR DMLW LCS received brief comments of non-objection from the following agencies:
DNR Division of Parks and Outdoor Recreation, Alaska Department of Environmental Conservation, and Alaska Department of Transportation and Public Facilities.

DNR DMLW LCS response: Thank you for your review of this reconveyance.

Comments from DNR Division of Oil and Gas (DOG): DOG has no objection. There are no third-party interests. DOG does not request reservation of the mineral estate as there is no potential for oil and gas, or geothermal.

DNR DMLW LCS response: Thank you for the information. The mineral estate will not be reserved.

Comments from DNR Division of Geological and Geophysical Surveys (DGGS): DGGS has no objection and provides the following information.

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The area's permafrost is generally continuous, except in areas directly adjacent to the East Fork Chandalar River. Given the potential for future permafrost degradation, areas adjacent to steep slopes could be susceptible to slope instability. Low-lying terraces closer to the East Fork Chandalar are subject to flooding.

There are several faults in the region but nothing indicative of recent activity. Standard best building practices should be used to accommodate the regional seismic hazard.

Radon, a naturally occurring cancer-causing radioactive gas, is modeled to be moderate in the immediate vicinity of the parcel. The Environmental Protection Agency's (EPA) Action Level for radon is 4 pCi/L; the EPA suggests homeowners consider radon mitigation for test results of 2-4 pCi/L. Any home, school, or building can have high levels of radon and should be tested.

DNR DMLW LCS response: Thank you for the information. The information will be shared with the allottee's heirs through this decision.

Comments from Alaska Department of Fish and Game (ADFG): ADFG has no interests created on the land and no objection to the reconveyance. ADFG asked if a shoreline determination had been done. It has not and one has been requested of BLM. The results of the determination will be addressed in the FFD.

ADFG provided the following information:

The East Fork Chandalar River supports chum and Chinook salmon spawning habitat. The applicant should be aware that an ADFG Fish Habitat Permit from the Fairbanks Habitat Section would be required for modifications to the riverbank or any in-water work. Questions about this permit can be sent to dfg.hab.infofai@alaska.gov.

DNR DMLW LCS response: Thank you for the information. The information and the permit requirements will be shared with the allottee's heirs through this decision.

The following agencies or groups were included in the agency review, but no comment was received:

- DNR Division of Agriculture
- DNR Division of Forestry and Fire Protection
- DNR State Historical Preservation Office
- US Fish and Wildlife Service

XVI. Submittal of Public Comments

See Attachment B: Public Notice for specific dates and conditions.

Pursuant to AS 38.05.945 Notice, LCS is issuing public notice inviting comment on this Preliminary Decision.

In accordance with AS 38.05.946(a) Hearings, a municipality or corporation entitled to receive notice under AS 38.05.945(c) Hearings may hold a hearing within 30 days after receipt of the notice. If a hearing is held, the Commissioner (or representative) shall attend the hearing. The Commissioner has discretion whether or not to hold a public hearing.

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LCS will consider all timely, written comments received. If analysis of such comments indicates the need for significant changes to the Preliminary Decision, additional public notice for the affected lands will be given. Reducing the amount of land offered and making minor changes to any of the proposals will not be considered significant changes requiring additional public notice.

If the proposal is approved and no significant change is required, the Preliminary Decision, including any deletions, minor changes, and summary of comments and LCS responses will be issued as a subsequent Final Finding and Decision, without further notice.

Only persons from whom DNR DMLW LCS receives timely, written comment during the identified comment period will be eligible to file an appeal of the FFD. Upon approval and issuance of a FFD, a copy of the decision will be made available online at <http://dnr.alaska.gov/mlw/landsales/public-notice/> or <https://aws.state.ak.us/OnlinePublicNotices/> and sent with an explanation of the appeal process to any party who provides timely written comment.

DNR is prepared to accommodate individuals with disabilities by providing auxiliary aids, services, or special modifications in order to participate in this review. Individuals who may need such assistance should contact DNR's Public Information Center. For more information, refer to *Attachment B: Public Notice*.

**DEADLINE TO SUBMIT WRITTEN COMMENT IS
3:00 P.M., THURSDAY, SEPTEMBER 4, 2025**

XVII. Alternatives

The following alternatives were considered:

Alternative 1: Reconvey

Reconvey the land to the United States subject to the reservations, exceptions, and restrictions as stipulated in **Section XI. Access, Including Access To and Along Public or Navigable Water**. This will allow the Native allottee to obtain title to the land while the State will retain public access on the property as prescribed by statute and thus avoid title recovery litigation by the federal government. Therefore, it is in the best interest of the State to reconvey the parcel as proposed in this decision, and this is the preferred alternative.

Alternative 2: Retain

Retain ownership and withhold reconveyance. DNR currently does not have a persuasive reason to pursue this option. This alternative may lead to title recovery litigation brought by the United States on behalf of the Native allottee, thus subjecting the State to an uncertain expenditure of resources and an uncertain result of litigation. This alternative is not preferred.

In accordance with the Stipulated Procedures for Implementation of Order in *Aguilar*, BLM reviewed and determined Mr. Christian's Native allotment application to be approved on April 27, 1992. Based on documentation within BLM's case file and subsequent comments received from agency review, LCS has found no legal reason for denying this reconveyance subject to public notice and a final decision.

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For the reasons outlined above, Alternative 1 is the preferred alternative.

Recommendation follows.

XVIII. Recommendation

This Preliminary Decision for the proposed reconveyance of state lands described throughout this document and its attachments may be within the State's best interest. Reconveyance under the conditions in Alternative 1 is preferable to title recovery litigation. The State's reconveyance will allow the BLM to transfer title of the land to the Native allottee and will eliminate any further title recovery action. As represented by the preferred alternative, the PD described above has been reviewed and considered. I find that the recommended action is in the best interest of the State and that it is hereby approved to proceed to public notice.

This is a Preliminary Decision, and analysis of subsequent public review may result in changes to the preferred alternative of the proposed reconveyance of state lands. If the decision is approved, a Final Finding and Decision may be issued.



July 29, 2025

Recommended by: Kathryn Young
Native Allotment Coordinator
Land Conveyance Section
Division of Mining, Land and Water
Department of Natural Resources
State of Alaska

Date



July 29, 2025

Approved by: Hannah Uher-Koch
Section Chief
Land Conveyance Section
Division of Mining, Land and Water
Department of Natural Resources
State of Alaska

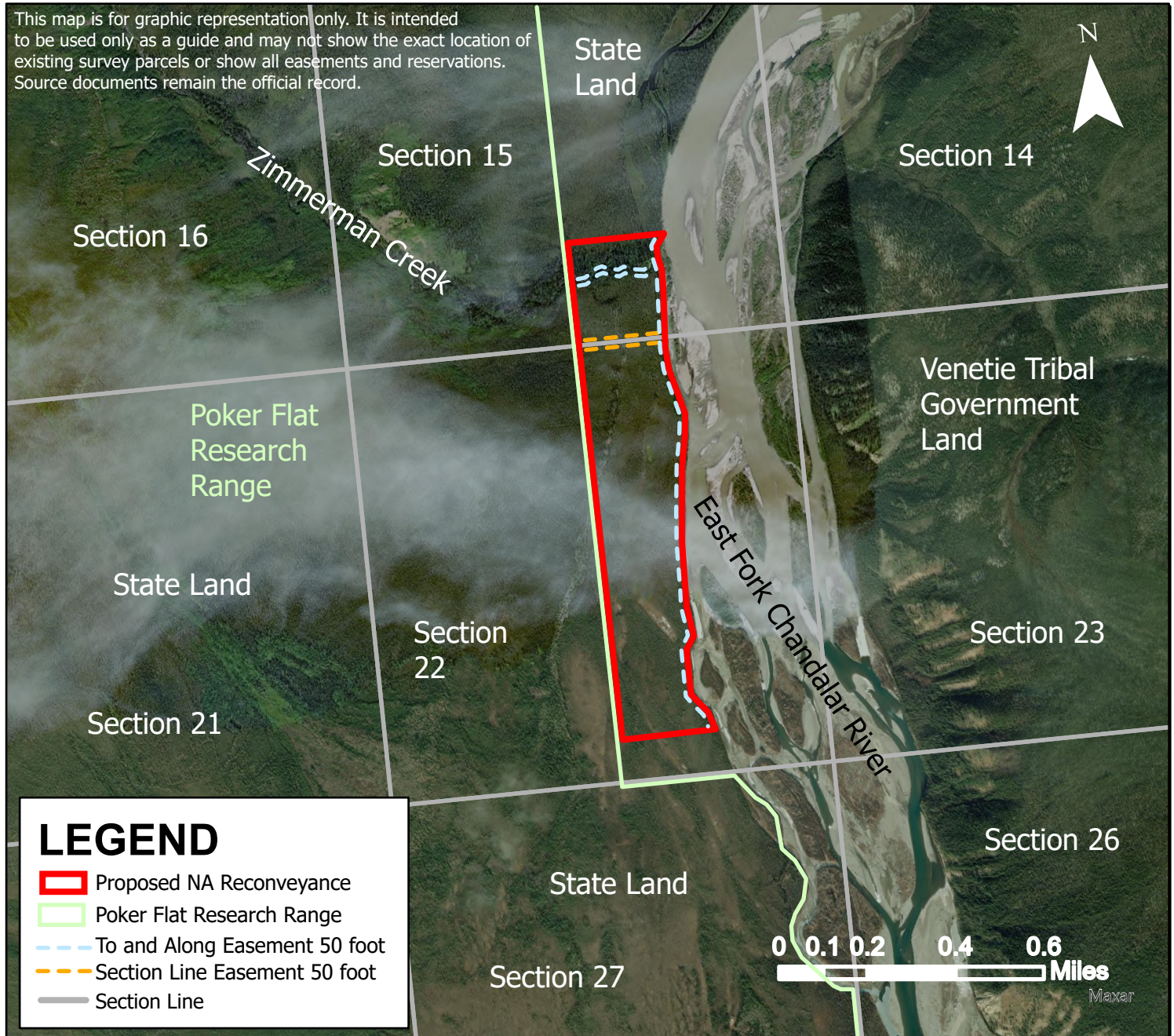
Date



Attachment A: Vicinity Map

William Christian Native Allotment, ADL 414816 / BLM FF082132

This map is for graphic representation only. It is intended to be used only as a guide and may not show the exact location of existing survey parcels or show all easements and reservations. Source documents remain the official record.



**Sections 15 & 22, Township 27 North,
Range 2 East,
Fairbanks Meridian**

USGS Quad 1:63,360 Chandalar A-1

For more information contact:

Kathryn Young

Department of Natural Resources

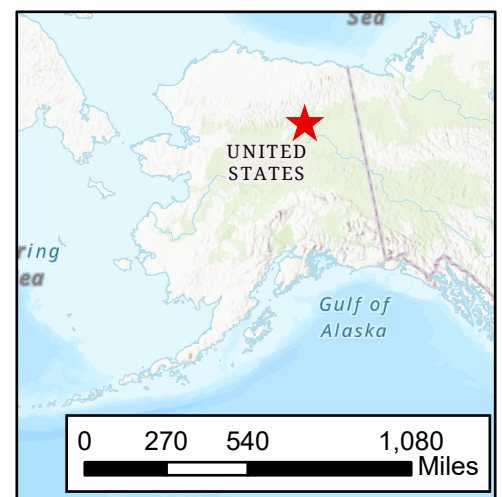
Division of Mining, Land and Water

Land Conveyance Section

Phone: 907-269-8574

Fax: 907-269-8916

Email: kathryn.young@alaska.gov



**STATE OF ALASKA,
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

ATTACHMENT B: PUBLIC NOTICE

**Requesting Input for Proposed
Native Allotment Reconveyance – ADL 414816
AS 38.05.035(b)(9)**

COMMENT PERIOD ENDS 3:00 P.M., THURSDAY, SEPTEMBER 4, 2025

The Alaska Department of Natural Resources (DNR), Division of Mining Land and Water (DMLW), Land Conveyance Section (LCS) is conducting a public notice to reconvey the following erroneously conveyed State land to the United States of America for conveyance to the Native allotment applicant. The parcel of land is 160 air miles north of Fairbanks. The legal description for the parcel is Lots 2 and 3, U.S. Survey No. 12479, Alaska, according to the plat accepted by the United States Department of the Interior, Bureau of Land Management, Anchorage, Alaska, on November 20, 2019, and officially filed on February 12, 2020, aggregating 159.97 acres, more or less.

To obtain the notice, Preliminary Decision (PD), or instructions on submitting comment, go to <http://dnr.alaska.gov/mlw/landsales/public-notice/> or <https://aws.state.ak.us/OnlinePublicNotices/>. For assistance in obtaining the documents by an alternative method, to request auxiliary aids, services, or special accommodations, contact DNR's Public Information Centers on State work days, Monday through Friday, between 8:30 a.m. and 4:00 p.m. in Anchorage at (907) 269-8400 or Fairbanks at (907) 451-2705 or the Southeast Land Office in Juneau at (907) 465-3400 or TTY: 711 for Alaska Relay or 1-800-770-8973 or go to <http://dnr.alaska.gov/commis/pic/> for additional contact information. Individuals who require special assistance must request assistance from the Public Information Center in Anchorage no later than 3:00 p.m., Thursday, August 28, 2025.

Pursuant to AS 38.05.945 Notice, the public is invited to submit comments on the Preliminary Decision. **The deadline for public comment is 3:00 p.m., Thursday, September 4, 2025.** Only persons from whom DNR DMLW LCS receives timely, written comment during the identified comment period will be eligible to file an appeal of the Final Finding and Decision (FFD). Written comment may be received by fax, email, or postal mail. To submit comments or for direct inquiries, contact Kathryn Young by mail at 550 West 7th Ave, Suite 640, Anchorage, AK 99501 or by fax at (907) 269-8916 or by email at kathryn.young@alaska.gov. If you have questions, call Kathryn Young at (907) 269-8574.

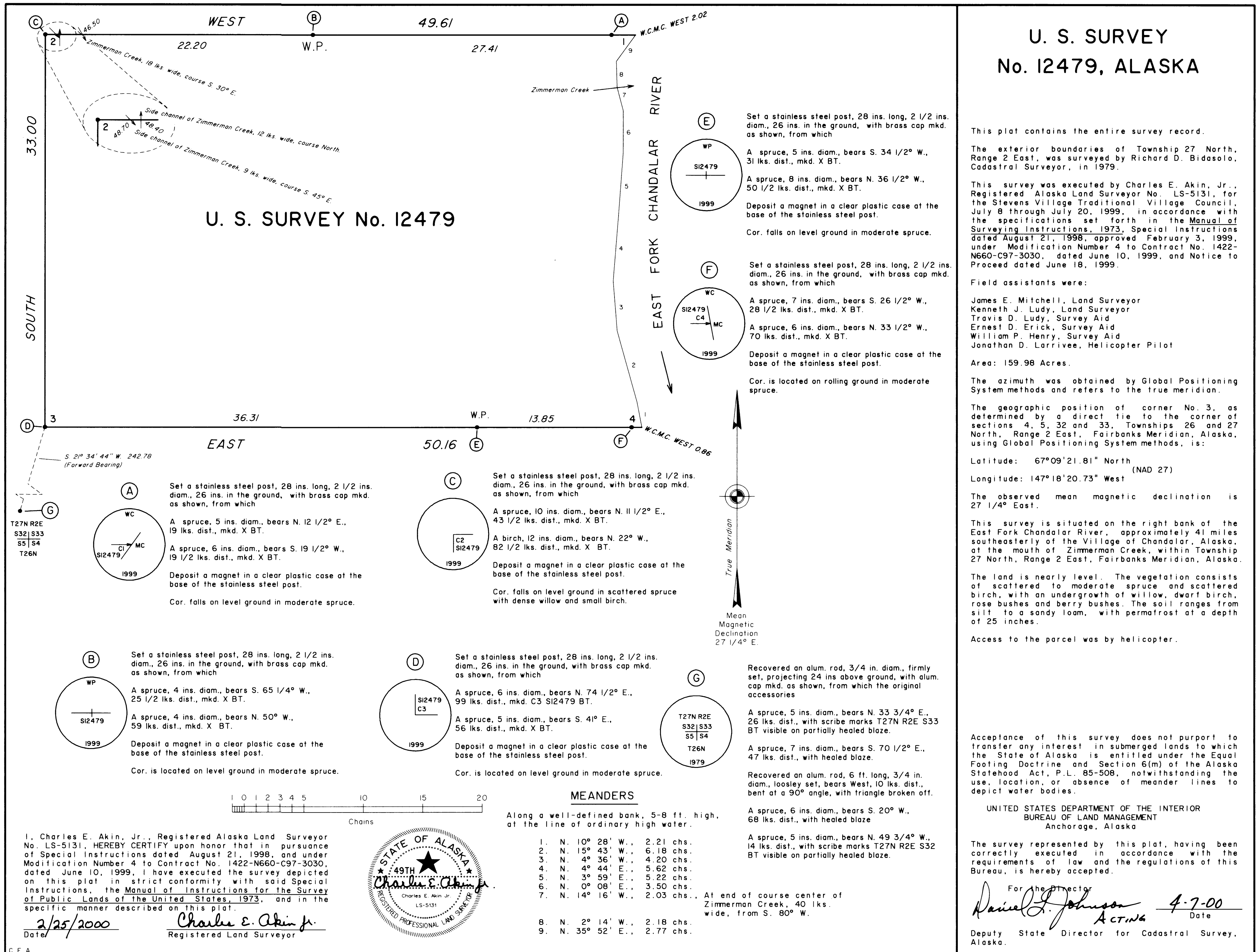
If no significant change is required, the PD, including any minor changes and a summary of comments and responses, will be issued as the FFD, without further notice. A copy of the FFD will be sent to any persons who commented timely on the PD.

DNR reserves the right to waive technical defects in this notice.

Attachment C

Officially Filed
DATE APRIL 26, 2000

ORIGINAL



Attachment C

U. S. SURVEY
No. 12479, ALASKA
DEPENDENT RESURVEY
AND SUBDIVISION INTO 2 LOTS

The exterior boundaries of Township 27 North, Range 2 East, Fairbanks Meridian, Alaska, were surveyed by Richard R. Bidasolo, Cadastral Surveyor, in 1979.

U.S. Survey No. 12479 was surveyed under contract by Charles E. Akin, Jr., Alaska Registered Land Surveyor, in 1999.

This survey was conducted under The Stipulated Procedures for Implementation of Order, Ethel Aquilar, et al v. United States of America, 474 F. Supp. 840 (D. Alaska 1979), and by the authority of the Memorandum of Understanding between the United States Department of the Interior, Bureau of Land Management, and the State of Alaska, Department of Natural Resources, Dated September 5, 2000.

The direction and length of lines were determined by Global Navigation Satellite Systems (GNSS) Real-Time Kinematic (RTK) observations. The direction of each line is with reference to the true meridian. All bearings are true mean bearings. All distances are horizontal distances reduced to their sea level equivalent. No lines were brushed or marked between corners.

This survey was executed by Seth K. Kiester, Cadastral Surveyor, on August 12, 2014, in accordance with the specifications set forth in the Manual of Surveying Instructions (2009), Supplemental Special Instructions No. 1 dated May 29, 2014, approved July 3, 2014, and Assignment Instructions dated August 8, 2014.

Field assistant was:
Michael A. Wiitanen, Survey Technician

Area Subdivided: 159.98 Acres

The geographic position of corner No. 3, Lot 1, U.S. Survey No. 12479, in NAD 83 (2011), epoch 2010.00, as determined by GNSS observation utilizing the National Geodetic Survey Online Positioning Users Service (OPUS), to a Network Accuracy with a maximum peak-to-peak separation for each component of the computed position, of less than 0.05 meter, as defined in the Bureau of Land Management's Standards for the Positional Accuracy of Cadastral Surveys When Using Global Navigational Satellite Systems (GNSS), dated February 23, 2009, is:

Latitude: 67° 09' 20.424" North
Longitude: 147° 18' 30.367" West

The mean magnetic declination was derived from the International Geomagnetic Reference Field Model (IGRF-12) and indicates a mean value of 20° East.

This survey is situated on the right bank of the East Fork Chandalar River, approximately 41 miles southeasterly of the village of Chandalar, Alaska, at the mouth of Zimmerman Creek, within Township 27 North, Range 2 East, Fairbanks Meridian, Alaska.

The terrain is gently sloping easterly. Elevation varies from 850 to 1050 feet above sea level. The vegetation consists of scattered to moderately spaced spruce and scattered birch, with an undergrowth of willow, dwarf birch, rose bushes, and berry bushes.

Access to the survey was by helicopter.

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 JUNE 8, 2016
Date
Chief Cadastral Surveyor for Alaska



ORIGINAL

Officially Filed
DATE February 12, 2020

U.S. SURVEY
NO. 12479

U.S. SURVEY
No. 12479, ALASKA

DEPENDENT RESURVEY OF
THE SOUTH BOUNDARY OF LOT 2
AND
SURVEY OF LOT 3

This plat contains the entire survey record.

The survey of the south boundary and the meanders of fractional Township 27 North, Range 2 East, Fairbanks Meridian, Alaska, was executed by Richard R. Bidasola, Cadastral Surveyor, in 1979.

U.S. Survey No. 12479 was surveyed by Charles E. Akin, Jr., Registered Alaska Land Surveyor No. 5131, under contract, in 1999.

U.S. Survey No. 12479 was dependently resurveyed and subdivided by Seth K. Kiestler, Cadastral Surveyor, in 2014.

This survey was conducted under The Stipulated Procedures for Implementation of Order, Ethel Aguilar, et al v. United States of America, 474 F. Supp. 840 (D. Alaska 1979), and by the authority of the Memorandum of Understanding between the United States Department of the Interior, Bureau of Land Management, and the State of Alaska, Department of Natural Resources, dated September 5, 2000.

The direction and length of lines were determined by using Global Navigation Satellite Systems (GNSS) Real-Time Kinematic (RTK) observations. The direction of each line is with reference to the true meridian. All bearings are true mean bearings. All distances are horizontal distances reduced to their sea level equivalent. No lines were brushed or marked between corners.

The meanders for this survey were photogrammetrically interpreted using orthorectified imagery processed and provided by DigitalGlobe Inc., acquired from WorldView 02 satellite imagery, with a ground sample distance of 50 cm, and acquisition date: May 5, 2018.

This survey was executed by Joshua P. Foreman, Cadastral Surveyor, August 17, 2019, in accordance with the specifications set forth in the Manual of Surveying Instructions (2009), Supplemental Special Instructions No. 2 dated May 10, 2019, approved May 22, 2019, and Assignment Instructions dated August 6, 2019.

Field assistants were:
Phillip B. Lasanen, Survey Technician
Clayton W. Nelen, Survey Technician

Area Surveyed: 99.98 Acres

The geographic position of corner No. 2, Lot 3, identical with corner No. 4, Lot 1 and corner No. 3, Lot 2, U.S. Survey No. 12479, in NAD 83 (2011), epoch 2010.00, as determined by GNSS observation utilizing the National Geodetic Survey Online Positioning Users Service (OPUS), to a Network Accuracy with a maximum peak-to-peak separation for each component of the computed position, of less than or equal to 0.05 meters, semi-major axis 95% error ellipse, as defined in the Bureau of Land Management's Standards for the Positional Accuracy of Cadastral Surveys When Using Global Navigational Satellite Systems (GNSS), dated February 23, 2009, is:

Latitude: 67° 09' 20.417" North NAD 83
Longitude: 147° 17' 39.702" West

The mean magnetic declination was derived from the International Geomagnetic Reference Field Model (IGRF-12) and indicates a mean value of 20° East.

This survey is situated on the right bank of the East Fork Chandalar River, approximately 41 miles southeasterly of the village of Chandalar, Alaska, at the mouth of Zimmerman Creek, within Township 27 North, Range 2 East, Fairbanks Meridian, Alaska.

The terrain is gently sloping easterly. Elevation varies from 850 to 1050 feet above sea level. The vegetation consists of scattered spruce and birch, with an undergrowth of willow, dwarf birch, rose bushes, and berry bushes.

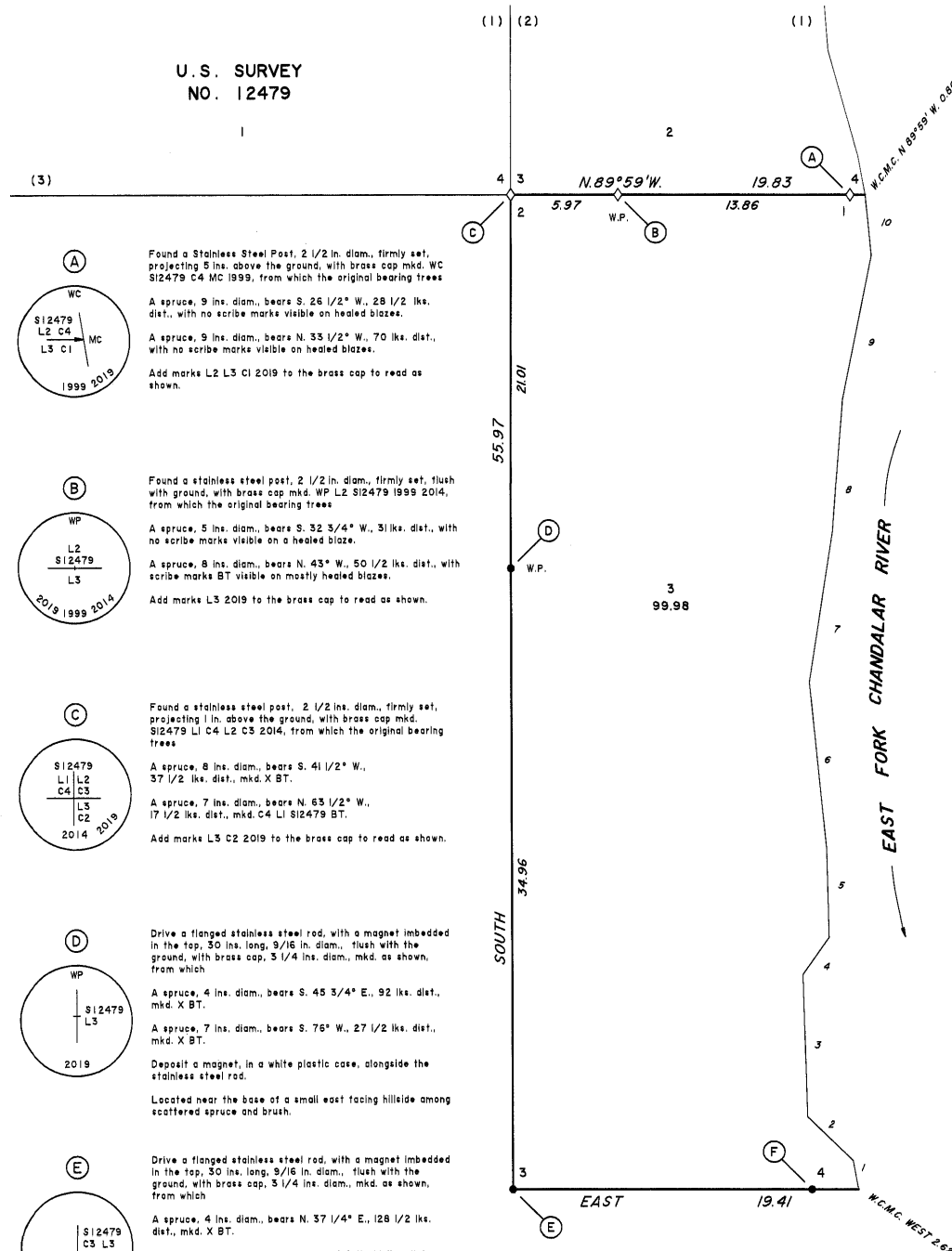
Access to the survey was by helicopter.

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

Douglas N. Hayward November 29, 2019
Date
Chief Cadastral Surveyor for Alaska



I, Joshua P. Foreman, HEREBY CERTIFY upon honor that in pursuance of Supplemental Special Instructions No. 2 dated May 10, 2019, I have executed the survey depicted on this plat in strict conformity with said Special Instructions, the Manual of Surveying Instructions (2009), and in the specific manner described on this plat.

November 20, 2019
Date

JPFF

Cadastral Surveyor

