

Prepared For:



GCI Communication Corp.
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Prepared By:



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Date: April 2016

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APPENDICES

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ACRONYMS

asl.....	above sea level
BLM.....	Bureau of Land Management
CFR.....	Code of Federal Regulations
Corps.....	United States Army Corps of Engineers
EA.....	Environmental Assessment
FCC.....	Federal Communications Commission
FEMA.....	Federal Emergency Management Agency
FIS.....	Flood Insurance Study
NEPA.....	National Environmental Policy Act
T&E.....	Threatened and Endangered Species
SHPO.....	State Historic Preservation Office
USAF.....	United States Air Force
USFWS.....	United States Fish & Wildlife Service

1.0 INTRODUCTION

The National Environmental Policy Act (NEPA) of 1969 requires federal agencies to provide descriptive information to evaluate potential environmental consequences associated with the proposed action on the human environment.

Pursuant to 47 CFR § 1.1307(a), the Federal Communications Commission (FCC) implements NEPA by requiring licensees to examine actions which may have a significant environmental effect on:

- wilderness areas;
- wildlife preserves;
- Threatened and Endangered (T&E) species or designated Critical Habitat Areas;
- Section 106 historic properties or Native religious sites;
- floodplains;
- significant changes in surface features (wetland fill, deforestation, or water diversion);
- antenna towers and/or supporting structures equipped with high intensity white lights in residential areas; and
- human exposure to radiofrequency radiation.

Under the FCC's NEPA regulations, an Environmental Assessment (EA) is required for activities which may have a significant environmental effect on resources listed above.

On behalf of GCI Communication Corp. (GCI), DOWL completed a NEPA evaluation and determined, based on data from the U.S. Army Corps of Engineers, that the Stevens Village telecommunications facility is located within the 100-year floodplain. Accordingly, DOWL has prepared this EA pursuant to the FCC's NEPA regulations, including 47 CFR § 1.1311.

2.0 PURPOSE AND NEED

In 2002, GCI constructed the Stevens Village earth station facility as part of a network to provide telecommunication services for telehealth applications to the Council of Athabascan Tribal Governments. In addition to telehealth applications, GCI uses the facility to deliver local internet service and its SchoolAccess service. SchoolAccess provides broadband access, video conferencing, and state-of-the-art digital tools to area schools and libraries. The 3.6-m dish was installed in 2002, with the Rohn 25G antenna following in 2003. Prior to the establishment of this network, many rural communities, such as Stevens Village, lacked suitable means of communications with other communities.

3.0 SITE INFORMATION

3.1 Village and Community of Stevens Village

Stevens Village is located on the north bank of the Yukon River, within the Yukon-Koyukuk Census Area. Stevens Village is comprised of 10.4 square land miles, of which approximately 0.6 square miles is water. Stevens Village is approximately 90 air miles northwest of Fairbanks, with a population of 39 individuals, most belonging to the federally-recognized tribal entity, the Native Village of Stevens. Stevens's population is predominantly Kutchin Natives (State of Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs, 2016).

During the 1900s, the gold rush brought mining and timber harvest to the area. A trading post was established shortly thereafter. The village has remained unincorporated, originally founded by three Athabaskan brothers from the Koyukon region: Old Jacob, Gochonayeeya, and Old Steven (DCRA, 2016). The village was named for Old Steven, who was elected chief in 1902. The first school opened in 1907, a post office followed in 1936, and air service to the community was established in 1939.

3.2 Description of Facilities

The Stevens Village telecommunications facility is comprised of a 3.6 meter (m) earth station antenna, located at 66°00'29.79"N, 149°05'40.37"W, and a 41-foot Rohn 25G non-guyed lattice tower (including appurtenances), located at 66°00'29.85"N, 149°05'40.43"W, and a 10-foot by 12-foot communications shelter. The facilities are located on a 100-foot by 100-foot privately-leased area on 3rd Street, Block 4, Lot 5, at a site elevation of 313 feet above sea level (asl), and enclosed within a six-foot non-penetrating ground-mount chain-link fence. There are no lights on the tower or dish. The communications shelter is equipped with exterior lighting that is used during maintenance activities. Otherwise the shelter is not lit. (See Site Photos.)



Photo 1: Stevens Village Telecommunications Facility



Photo 2: 3.6m Dish and Enclosure



Photo 3: 3.6m Dish and Rohn 25G Antenna



Photo 4: Stevens Village Telecommunications Facility

3.3 Zoning Classification and Land Use

Stevens Village is not currently zoned. In 2011, the United States Department of the Interior, Bureau of Land Management (BLM) prepared an EA to examine the effects of low-level oil and gas exploration on Doyon Ltd. patented lands near Stevens Village. Lands have been set aside within the village for fuel storage to support mechanized exploration equipment (BLM, 2011). The telecommunications facility will not be impacted as a result of the fuel storage.

Under the Alaska Native Claims Settlement Act (ANCSA), the Native Village of Stevens received title to 12 acres of surface estate.

3.4 Local Community Concerns

Prior to construction, GCI consulted with Stevens Village to determine practicable and suitable site locations for the telecommunications facility. There were no local community concerns expressed prior to or during the construction, nor was or is it a source of controversy on environmental grounds. In fact, GCI leases land for the facility from the Stevens Village Council.

As evidence of local site approval pursuant to 47 CFR §1.311(c), a copy of GCI's most recent lease agreement with the Stevens Village Council is attached hereto as Appendix A.

3.5 Site Selection

GCI selected the site based on the availability of power, proximity to the local exchange carrier's central office (LEC CO), and acceptability to the community. Within these parameters, no other viable alternative sites were identified.

Flood potential within the community is high. The entire community is susceptible to spring breakup-related flooding from the Yukon River. Because the entire community is located within the 100-year floodplain, there were no practicable alternatives to construct the telecommunications facility outside of it. The community does not issue floodplain permits.

4.0 REVIEW OF FCC ENVIRONMENTAL CRITERIA

On behalf of GCI, DOWL conducted an environmental review of resources potentially affected by the Stevens Village facility in accordance with 47 CFR § 1.1307, the results of which are summarized below. Appendix B contains the supporting NEPA documentation.

4.1 Officially Designated Wilderness Areas

The facility is located within the developed city limits of Stevens Village on privately-owned land. There are no designated wilderness areas impacted as a result of the telecommunications facility.

4.2 Officially Designated Wildlife Preserves

The facility is located within the developed city limits of Stevens Village on privately-owned land. There are no designated wildlife preserves impacted as a result of the telecommunications facility.

4.3 Listed Threatened or Endangered Species

The United States Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System online resource tool did not identify the telecommunications facility as being located within the known range of any listed/candidate T&E or designated critical habitat areas. Therefore, the facility would have no effect on T&E species or their critical habitat.

4.4 Historical Properties, Cultural Resources and Native Religious Sites

On behalf of GCI, DOWL reviewed the facility and conducted tribal consultation pursuant to the requirements of Section 106 of the National Historic Preservation Act. Consultation was conducted using FCC's Tower Construction Notification System, including follow-up contact with tribal entities to solicit input on historic, cultural, and religious sites. *See* Section 106 Consultation Table in Appendix B for Native consultation summary. The FCC "20-day letter" referral period ends on April 18, 2016. No responses had been received as of April 8, 2016. The State Historic Preservation Office (SHPO) reviewed cultural resource findings submitted using the FCC Form 620 Submission packet for the Stevens Village telecommunications facility. SHPO issued concurrence with a finding of "no historic properties affected" for the facility. A copy of SHPO's concurrence is provided in Appendix B.

4.5 Floodplains

Pursuant to 44 CFR § 60.3, communities participating in the National Flood Insurance Program are required to provide floodplain management criteria for flood-prone areas within their community. Stevens Village does not participate in the National Flood Insurance Program, therefore the Federal Emergency Management Agency (FEMA) has not mapped flood hazard potential for the community. However the United States Army Corps of Engineers (USACE) has maintained limited flood records and estimates for the community.

According to the USACE, flooding from the Yukon River in 1964 was estimated to reach an approximate elevation of 105.6 feet asl, which was indicative of the 100-year flood and became the arbitrary base flood elevation (BFE). All elevations were relative to the U.S. Geological Survey pipe stand and the runway. Both were given an arbitrary benchmark of 100 feet asl. Reconciling the arbitrary site elevation with actual elevation data, it was determined the BFE of the 100-year flood event corresponds to approximately 307 feet asl. Because the telecommunications facility is located at an approximate site elevation of 302 feet asl, DOWL determined that the telecommunications facility was constructed within the 100-year floodplain.

However, effects from the Stevens Village tower and supporting infrastructure on the 100-year floodplain are insignificant. The entire project footprint occupies 320 square feet, or 0.007 acres, of the floodplain. As shown in the photographs provided in Appendix B, the earth station antenna is mounted on an approximate one-foot tall, open grid base and elevated on a support

pole approximately 10 feet in height at the point of attachment, thereby clearing the base flood elevation by as much as 5 feet. The communications shelter is also elevated on an open base to allow water to pass underneath, and the lattice configuration of the 25G antenna poses no obstruction to flood waters. The facility was constructed on uplands without the use of any additional fill. Effects within the 100-year floodplain would be insignificant since water flow, flood-carrying capacity, and velocity would remain largely unobstructed at the facility location due to the limited ground disturbance, open grid/lattice support structures, and elevation of the antenna.

4.6 Surface Features

Information obtained using the USFWS National Wetlands Inventory online wetlands mapper determined construction of the Stevens Village facility did not involve significant changes in surface features such as wetlands fill, deforestation, or dewatering.

4.7 Tower Lighting and Radiofrequency Radiation

The 25G tower lacks structural lighting. No high-intensity white lights are installed at the facility.

The facility does not expose workers or the general public to levels of radiofrequency in excess of applicable FCC guidelines.

5.0 RECOMMENDATION

Like most of Stevens Village, GCI's telecommunications facility is located within the 100-year floodplain. However, it was constructed without the use of any new fill, eliminating any concern regarding floodwater displacement due to fill. Effects on the floodplain from the facility are negligible and insignificant given its small footprint and because it will not obstruct floodwater flow. The local governing body, the Stevens Village Council, has approved the facility's location through its issuance of the facility's lease to GCI. Stevens Village has no floodplain permitting program. The facility does not have a significant impact on the environment, including the floodplain. For these reasons, DOWL recommends a Finding of No Significant Impact.

6.0 REFERENCES

Alaska Department of Commerce, Community, and Economic Development, Community and Regional Affairs, Stevens Village Community Profile. *Available at* <http://www.commerce.alaska.gov/web/dcra/communityinformation.aspx>. Last accessed February 2016.

BLM. (2011). Environmental Assessment DOI-BLM-AK-03000-2011-0041-EA. *Available at* . https://eplanning.blm.gov/epl-front-office/projects/nepa/37965/47180/51145/Decision_Record_Build.pdf . Last accessed March, 2016.

APPENDIX A

Lease Agreement

August 7, 2012

VIA Certified Letter 7099 3220 0000 6512 6536



Randy Mayo
Tribal Administrator
Stevens Village Council
P.O. Box 71372
Fairbanks, Alaska 99707

Regarding the "Lease Agreement" effective October 1, 2002, and renewed effective October 1, 2007, between Stevens Village Council and GCI for a the use of premises described as

A 100' x 100' Portion of Tract A, Block 4, Lot 5 of U.S. Survey No. 4393, Alaska
Townsite of Stevens Village

GCI hereby gives notice of its intent to exercise its second option to extend the lease for an additional five (5) year option period beginning on October 1, 2012 and ending on September 30, 2017, pursuant to the terms of Section 1.0 of the lease at the same terms and conditions.

The rent rate shall be increased to \$ [REDACTED] per month, pursuant to the terms of Section 2.0 of the lease, "The rent for each subsequent lease period term shall be determined at the beginning of the period by adjusting the then current rent to reflect the percentage change of the Consumer Price Index from its level at the beginning to its level at the end of the then current lease term."

All other provisions of the lease to remain unchanged.

Please don't hesitate to contact me at 907-868-5723, or at cmanka@gci.com, should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Catherine Manka', written over a circular stamp or mark.

Catherine Manka
Specialist, Budgets and Leasing
GCI Communication Corp.

Enc.

APPENDIX B

Excerpted NEPA Documentation

FCC NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE CERTIFICATION
47 CFR § 1.1307(a)(1) – (7)

All holdings and affiliates of General Communication, Inc. (including affiliated tower companies) must complete this form for all new site construction and/or site modifications to existing structures, except those on federal lands/structures, where the NEPA rules of the "lead agency" will apply, rather than those of the FCC referenced below. Consultant or GCI Engineering Representative must complete and sign/certify this checklist. **GCI Engineering Representative must complete and sign/certify the attached High Intensity Lighting and RF Emission Verification Checklist.**

Site Name: <u>Stevens Village 3.6m Dish</u>	Site Number: _____	Site Location: <u>66° 0'29.79"N, 149° 5'40.37"W</u>
Type of Action:		
<input type="checkbox"/> New Tower Construction (Full NEPA required)	EA required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
FAA Aeronautical Study No. _____	Reason for EA (refer to Nos. 1 – 10 listed below) : _____	
Dated: _____	Date EA completed: _____	
<input checked="" type="checkbox"/> Modification	ASR No. _____	
Explain what you will be doing at the site? <u>Environmental Review and Licensing</u>		

1. WILDERNESS AREA

Is the facility located in an officially designated wilderness area? [47 CFR 1.1307(a)(1); GCI Flowchart NEPA-01]

Yes No If yes, attach a description of the area, its location and source of the information.
 Attach map.

2. WILDERNESS PRESERVE

Is the facility located in an officially designated wilderness preserve? [47 CFR 1.1307(a)(2); GCI Flowchart NEPA-01]

Yes No If yes, attach a description of the preserve, its location and source of the information.
 Attach map.

3. THREATENED/ENDANGERED SPECIES

Will the facility: (i) affect listed threatened or endangered species or designated critical habitats; or (ii) jeopardize the continued existence of any proposed endangered or threatened species; or is it likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973? [47 CFR 1.1307(a)(3); GCI Flowchart NEPA-01]

Yes No If yes, attach a description of the species, critical habitat and location.
 _____ Date USF&W concurrence requested with regard to listed/endangered species.
 _____ Date USF&W concurrence received.

4. HISTORIC PLACES

Will the facility adversely affect a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Register of Historic Places? [47 CFR 1.1307(a)(4); GCI Flowchart SHPO-01, 02, or 03]

Yes No

5. RELIGIOUS SITE

Will the facility affect an Indian religious site? [47 CFR 1.1307(a) (5); GCI Flowchart SHPO-01]

Yes No N/A

For 4 and 5 above, please supply the following DATES:

- Tower construction notification submitted
 - a. Using Tower Construction Notification System (TCNS): 136042; OR
 - b. For tribes not using TCNS, in the same manner as done in the past: _____
- Archaeological review requested: No Archaeological survey completed: n.a
- Form 620 submitted to SHPO: 3/30/2016
- SHPO Concurrence received: 4/4/2016

6. FLOODPLAIN

Will the facility be located in a "floodplain"? [47 CFR 1.1307(a)(6); GCI Flowchart NEPA-01]

- Yes No If yes, attach a description of the floodplain and its location.
- Yes No Flood hazard data obtained? Attach map of floodplain.
- Yes No Does the village participate in NFIP?

If yes, date Elevation Certificate received: _____

7. WETLANDS

Will the construction of the facility involve significant change in surface features (e.g. wetland fill, deforestation or water diversion)? [47 CFR 1.1307(a)(7); GCI Flowchart NEPA-01]

- Yes No If yes, attach a description of the surface feature and its location.

Date any USACE letter sent regarding Wetlands: _____

Date USACE response received: _____

Use of fill?: Yes No

If Yes, Permit No: 12 18 Other Attach copy of the Permit.

The undersigned has completed this Checklist as part of an FCC environmental impact analysis for the possible development of a tract of land and certifies that the answers contained herein are true and accurate to the best of the undersigned's knowledge after reasonable investigation.

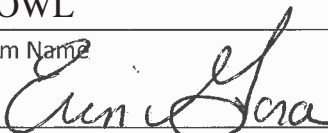
Name of Consulting Firm and Representative (or GCI employee who performed environmental review):

DOWL

Firm Name

April 4, 2016

Date


Signature of Representative

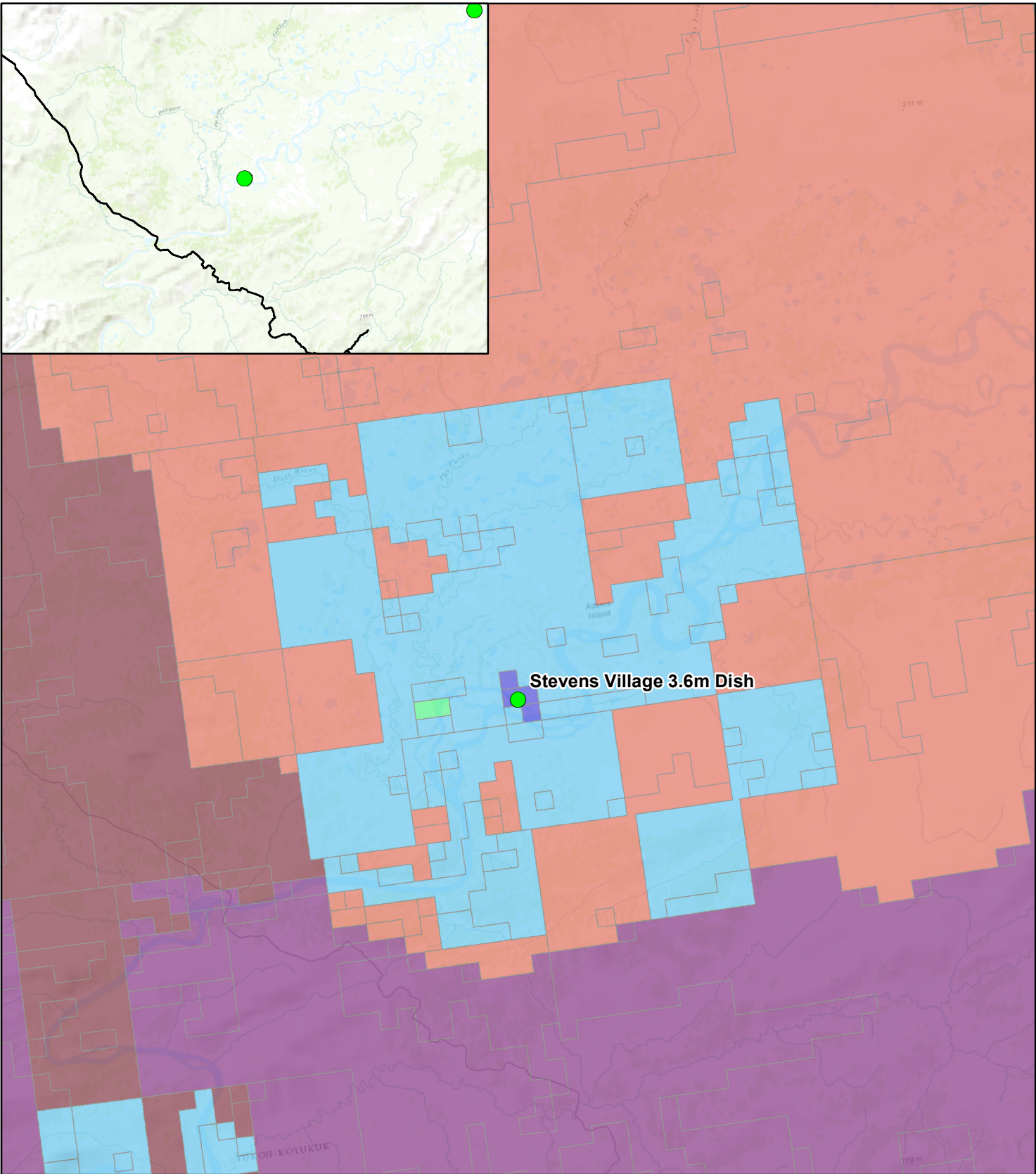
Erin Gora

Printed Representative Name








FCC NEPA CHECKLISTS AND SUPPORTING DOCUMENTATION

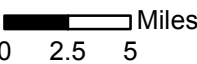
WILDERNESS AREA / WILDERNESS PRESERVE

Data Source: See attached map for data source.



Stevens Village 3.6m Dish


	Project Tower Location		Private or Municipal
	BLM		State
	National Wildlife Refuge		State and Native
	Native		

 Miles
 0 2.5 5

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Stevens Village 3.6m Dish
Land Use

Land Use Map



February 08, 2016	Figure 1
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FCC NEPA CHECKLISTS AND SUPPORTING DOCUMENTATION

THREATENED AND ENDANGERED SPECIES

Data Source: United States Fish and Wildlife Service Information, Planning, and Conservation (IPaC) System.
<http://ecos.fws.gov/ipac/>. Accessed online February 9, 2016.

Stevens Village 3.6m Dish

IPaC Trust Resource Report

Generated February 09, 2016 10:40 AM MST, IPaC v2.3.2

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



NAME

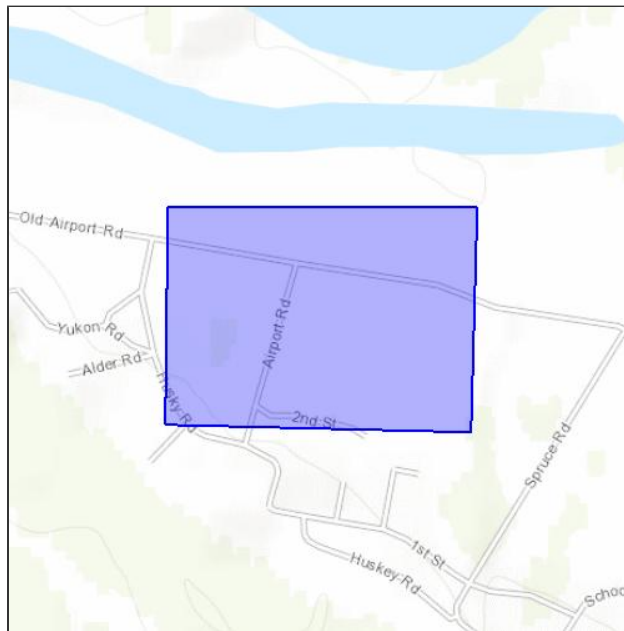
Stevens Village 3.6m Dish

LOCATION

Yukon-Koyukuk County, Alaska

IPAC LINK

<http://ecos.fws.gov/ipac/project/P4MOK-AGGQ5-CLVGQ-23CWI-CMRLQE>



U.S. Fish & Wildlife Contact Information

Trust resources in this location are managed by:

Fairbanks Fish And Wildlife Field Office

101 12th Avenue

Room 110

Fairbanks, AK 99701-6237

(907) 456-0203

Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.

For project evaluations that require FWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list from the Regulatory Documents section in IPaC.

There are no endangered species in this location

Critical Habitats

There are no critical habitats in this location

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

Additional information can be found using the following links:

- Birds of Conservation Concern
<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>

The following species of migratory birds could potentially be affected by activities in this location:

Arctic Tern <i>Sterna paradisaea</i> Season: Breeding	Bird of conservation concern
Bald Eagle <i>Haliaeetus leucocephalus</i> Year-round https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Season: Breeding	Bird of conservation concern
Lesser Yellowlegs <i>Tringa flavipes</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MD	Bird of conservation concern
Olive-sided Flycatcher <i>Contopus cooperi</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0AN	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU	Bird of conservation concern
Rusty Blackbird <i>Euphagus carolinus</i> Season: Breeding	Bird of conservation concern

Short-eared Owl *Asio flammeus*

Season: Breeding

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD

Bird of conservation concern

Solitary Sandpiper *Tringa solitaria*

Season: Breeding

Bird of conservation concern

Upland Sandpiper *Bartramia longicauda*

Season: Breeding

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HC

Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

Refuge data is unavailable at this time.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

This location overlaps all or part of the following wetlands:

Freshwater Emergent Wetland

[PEM1A](#)

39.9 acres

Freshwater Pond

[PUBH](#)

1.13 acres

A full description for each wetland code can be found at the National Wetlands Inventory website: <http://107.20.228.18/decoders/wetlands.aspx>

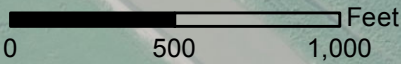
FCC NEPA CHECKLISTS AND SUPPORTING DOCUMENTATION

SECTION 106

Form 620

Tribal Consultation

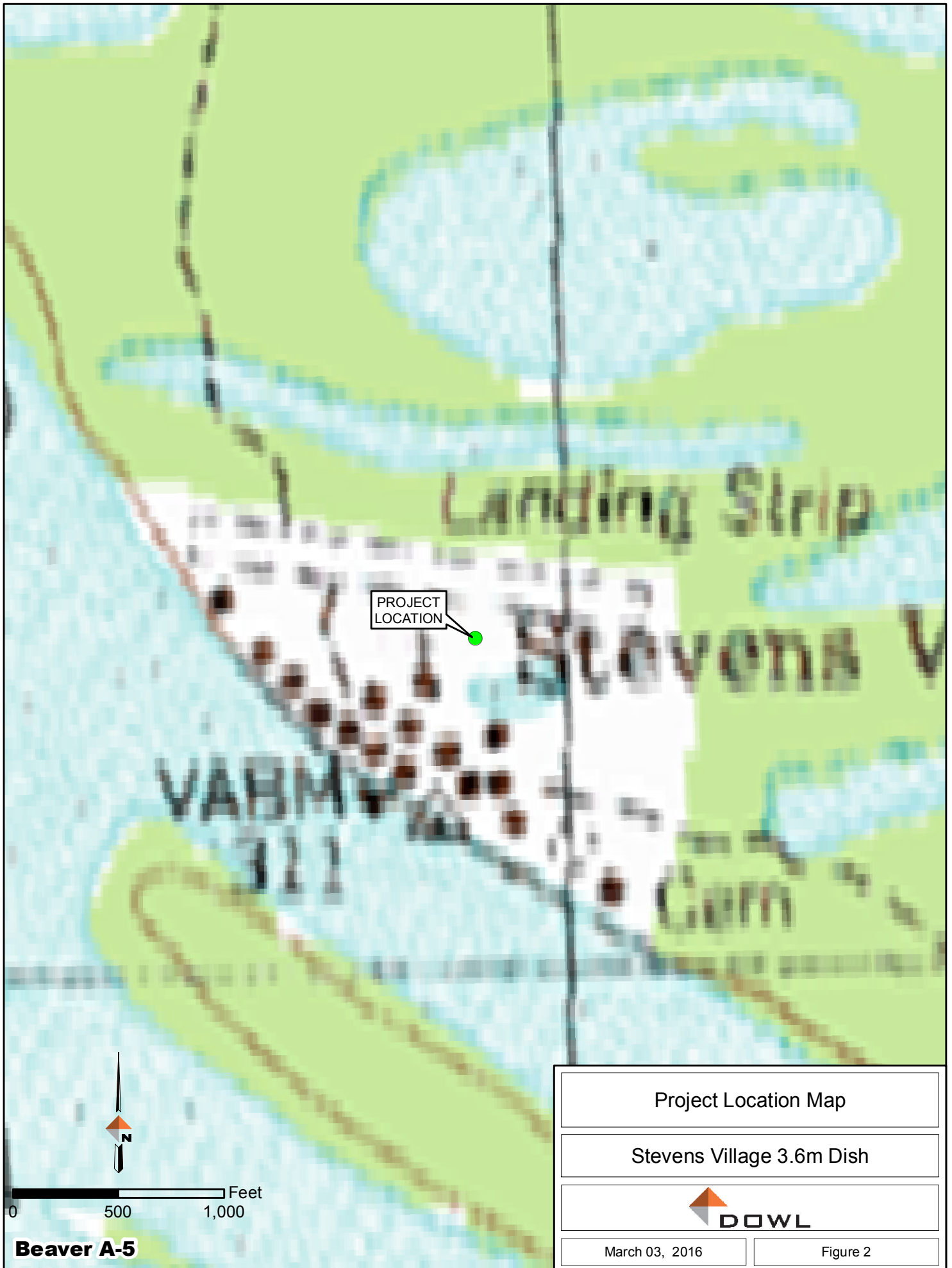
SHPO Concurrence



Service Layer Credits: © 2010 DigitalGlobe Earthstar Geographics SIO © 2016 Microsoft Corporation



Location Vicinity Map	
Stevens Village 3.6m Dish	
March 03, 2016	Figure 1



Beaver A-5

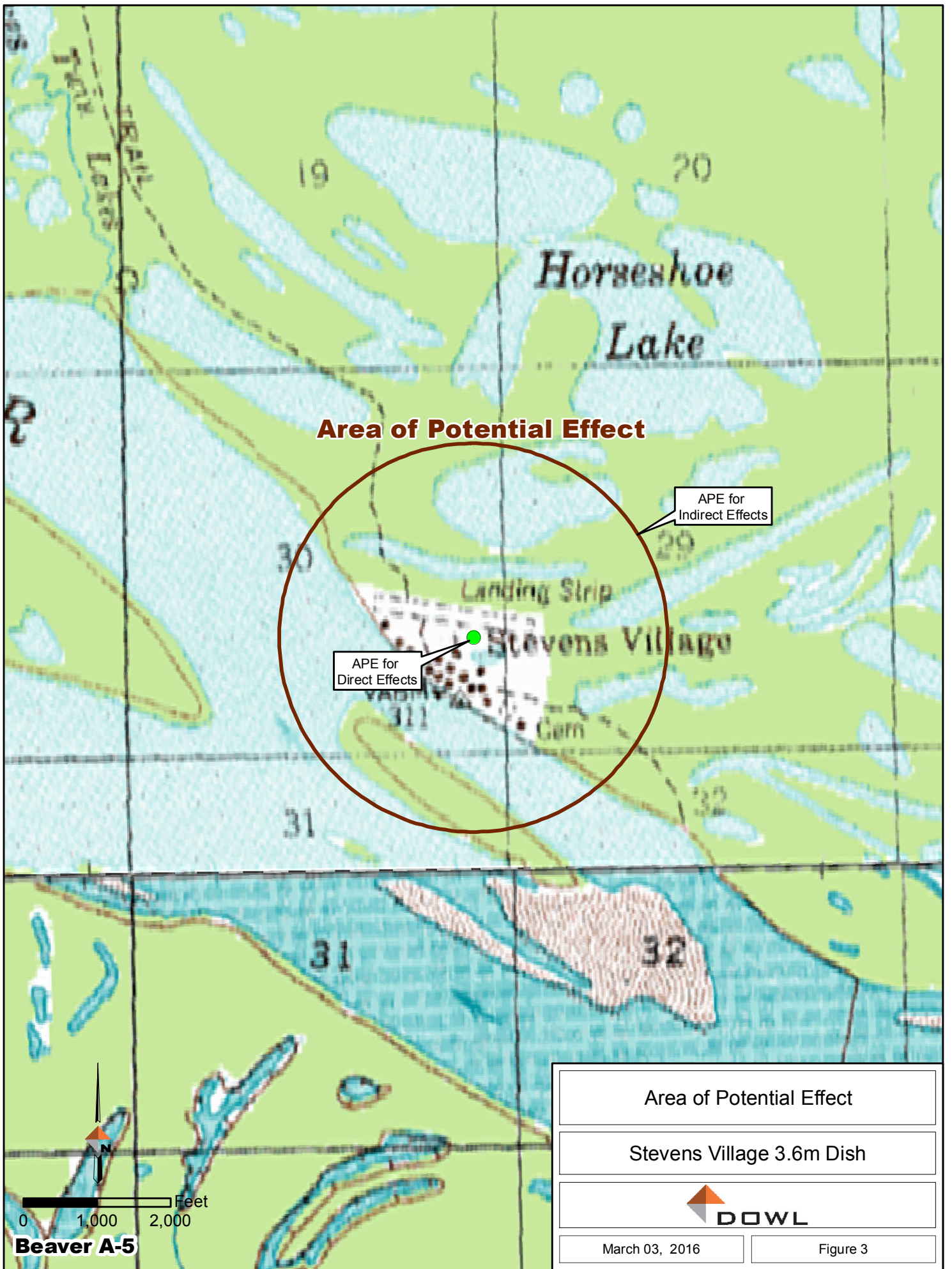
Project Location Map

Stevens Village 3.6m Dish



March 03, 2016

Figure 2



Area of Potential Effect

APE for Indirect Effects

APE for Direct Effects

Area of Potential Effect

Stevens Village 3.6m Dish



March 03, 2016

Figure 3

0 1,000 2,000 Feet

Beaver A-5



a. View of 3.6m dish. View to south.



b. View of 3.6m dish. View to south.



c. View of 3.6m dish. View to northeast.



d. View of 3.6m dish. View to northwest.

Section 106 Consultation

Tower Name	Last Name	First Name	Organization	DOWL Contact Date	DOWL Contact Info	Response
Stevens Village Dish	Simon	Pollock Jr	Allakaket Village	3/10/2016	Emailed: allakaketepa@yahoo.com; native_guy@hotmail.com	None
Stevens Village Dish	Jerue	Tammi	Anvik Village	3/10/2016	Emailed: anvik.tribal@gmail.com	None
Stevens Village Dish	Galen	Gilbert	Arctic Village Council	3/10/2016	Emailed: av_council@hotmail.com	None
Stevens Village Dish	Pitka	Wilma	Beaver Village	3/10/2016	Emailed: wpitka@beavercouncil.org	None
Stevens Village Dish	Carroll	Nadine	Birch Creek Tribal Council	3/10/2016	Emailed: nadine.carroll@tananachiefs.org	None
Stevens Village Dish	Wright	Jeffrey	Chalkyitsik Village	3/10/2016	Emailed: tamhenry40@hotmail.com	None
Stevens Village Dish	Ludwick	Angela	Circle Native Community (IRA)	3/10/2016	Emailed: angela@arcticrg.com	None
Stevens Village Dish	Thompson	Frank	Evansville Village	3/10/2016	Emailed: evansvillealaska@gmail.com; fthompson@starband.net	None
Stevens Village Dish	James	Nancy	Native Village of Fort Yukon	3/10/2016	Emailed: sfields147@hotmail.com	None
Stevens Village Dish	Dementieff	Ivan	Organized Village of Grayling (IRA)	3/10/2016	Emailed: rachel.freireich@tananachiefs.org	None
Stevens Village Dish	Paul	Eugene J.	Holy Cross Village	3/10/2016	Emailed: eugene.paul@tananachiefs.org; tessiana.paul@tananachiefs.org	None
Stevens Village Dish	Bifelt	Janet	Hughes Village	3/10/2016	Emailed: janet.bifelt@tananachiefs.org	None
Stevens Village Dish	Olin	Josslin	Huslia Village Council	3/10/2016	Emailed: husliatribe@gmail.com; shandarasam@yahoo.com	None
Stevens Village Dish	Alexie	Fred	Village of Kaltag	3/10/2016	Mailed: PO Box 129, Kaltag, AK 99748	None
Stevens Village Dish	Lolnitz	Leo	Koyukuk Native Village	3/10/2016	Emailed: darlene.pilot@tananachiefs.org	None
Stevens Village Dish	Pelkola	Jenny	Louden Tribal Council	3/10/2016	Emailed: march_runner@yahoo.com	None
Stevens Village Dish	Bredeman-Wo	William	Manley Hot Springs Village	3/10/2016	Emailed: mvcirr@gmail.com; emwoods57@gmail.com	None
Stevens Village Dish	Dale	Alice	McGrath Native Village Council	3/10/2016	Emailed: alicatdale@hotmail.com	None
Stevens Village Dish	Smith	Carla	Native Village of Minto	3/10/2016	Emailed: mintovillagecouncil@hotmail.com	None
Stevens Village Dish	Morgan	Kathy	Nenana Native Village	3/10/2016	Emailed: nenananativecouncil@gmail.com; ta.nnc@outlook.com \	None
Stevens Village Dish	Mountain	Paul	Nulato Tribal Council	3/10/2016	Emailed: nulatotribe@yahoo.com; paul.mountain@tananachiefs.org	None
Stevens Village Dish	Green	Floyd	Rampart Traditional Council	3/10/2016	Emailed: rvc.irr@gmail.com	None
Stevens Village Dish	Abrose	Brenda	Ruby Tribal Council	3/10/2016	Emailed: rubynativecouncil@hotmail.com	None
Stevens Village Dish	Hamilton	Roger	Shageluk Native Village (IRA)	3/10/2016	Emailed: shageluktribe@gmail.com; ksworkman03@gmail.com	None
Stevens Village Dish	Andreanoff	Timothy	Sleetmute Traditional Council	3/10/2016	Emailed: traditional.council@sleetmute.net; sleetmutegeneralclerk@hotmail.com	None
Stevens Village Dish	Simon	Harold	Native Village of Stevens (IRA)	3/10/2016	Emailed: haroldsimon907@gmail.com; jess.koz777@gmail.com	None
Stevens Village Dish	Abraham	Carol	Takotna Village	3/10/2016	Emailed: takotnatribalcouncil@gmail.com	None
Stevens Village Dish	Peters Zuray	Kathleen	Native Village of Tanana	3/10/2016	Emailed: tananatribalcouncil@hotmail.com; kpzuray@gmail.com; serhart@tananatribe.org	None
Stevens Village Dish	Royal	Josephine	Telida Village Council	3/10/2016	Emailed: kuskoyim@aol.com	None
Stevens Village Dish	Frank	Steve	Native Village of Venetie Tribal Government	3/10/2016	Emailed: venetietribal@yahoo.com	None
Stevens Village Dish	Gamboa	Mary	Venetie Village Council	3/10/2016	Emailed: venetievillagecouncil@yahoo.com	None

From: towernotifyinfo@fcc.gov
To: [Zuccotti, Lucy Flynn](#)
Subject: Section 106 Notification of SHPO/THPO Concurrence- Email ID #1696835
Date: Monday, April 04, 2016 3:45:22 PM

This is to notify you that the Lead SHPO/THPO has concurred with the following filing:

Date of Action: 04/04/2016

Direct Effect: No Historic Properties in Area of Potential Effects (APE)

Visual Effect: No Historic Properties in Area of Potential Effects (APE)

Comment Text: None

File Number: 0007208960

TCNS Number: 136042

Purpose: New Tower Submission Packet

Notification Date: 7AM EST 03/31/2016

Applicant: GCI Communication Corp.

Consultant: DOWL

Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No

Site Name: Stevens Village 3.6m Dish

Site Address: Stevens Village

Detailed Description of Project:

Site Coordinates: 66-0-29.8 N, 149-5-40.4 W

City: Stevens Village

County: YUKON-KOYUKUK

State:AK

Lead SHPO/THPO: Alaska DNR, Ofc History & Archeology

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

FCC NEPA CHECKLISTS AND SUPPORTING DOCUMENTATION

FLOODPLAIN

The Federal Emergency Management Agency (FEMA) has not mapped flood hazard potential for Stevens Village; however the United States Army Corps of Engineers (USACE) has maintained limited flood records for the community.

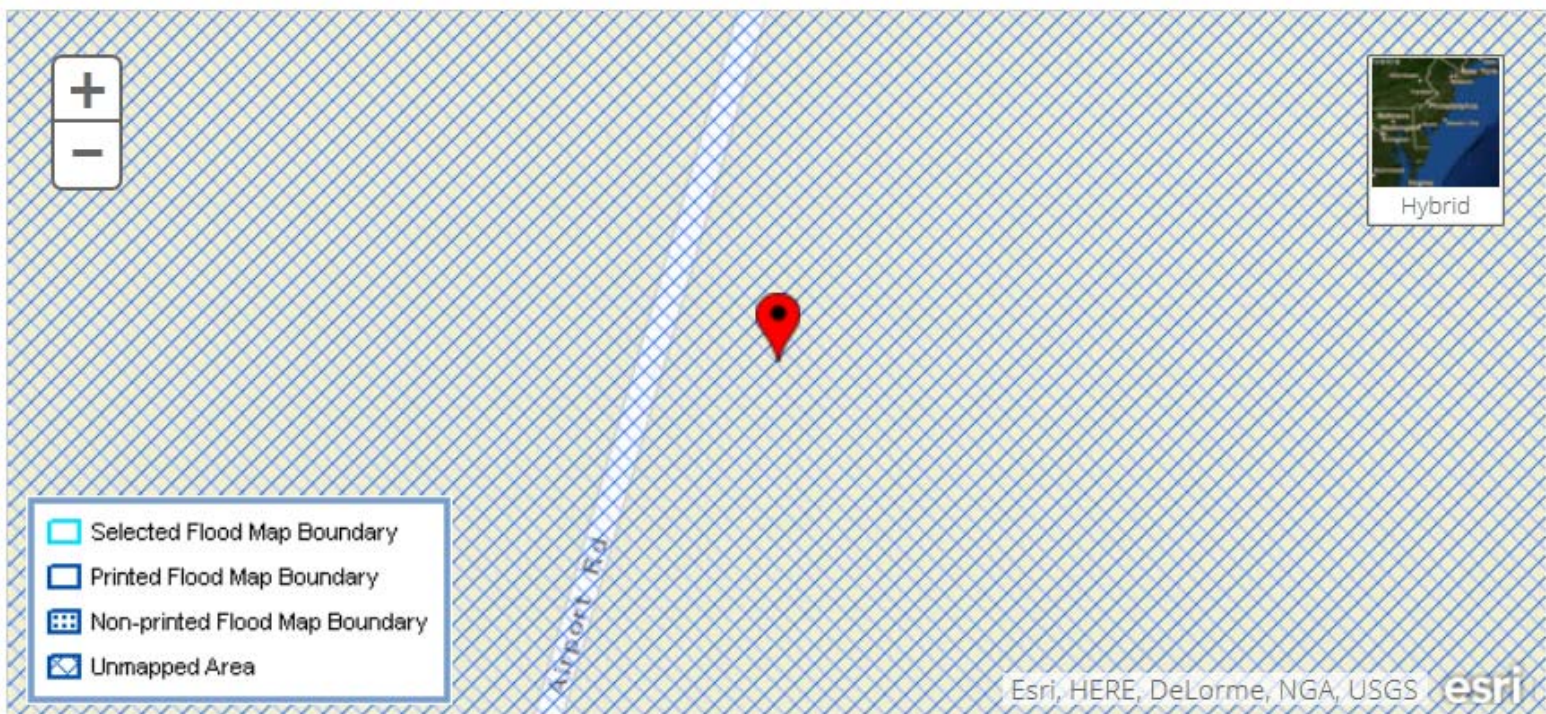
According to USACE information, the flood event in 1964 was indicative of the 100-year flood. Flooding from the Yukon River was estimated to reach an approximate elevation of 105.6 feet above sea level (asl), which became the arbitrary base flood elevation (BFE). All elevations were relative to the United States Geological Service pipe stand and the runway. Both were given an arbitrary bench mark of 100 feet asl. Reconciling the arbitrary site elevation with actual elevation data, it was determined the BFE of the 100-year flood event corresponds to approximately 307 feet asl. As the telecommunications facility is located at an approximate site elevation of 302 feet asl, it was determined that the telecommunications facilities were constructed within the 100-year floodplain.

Search Results—Products for KOYUKUK-MIDDLE YUKON CENSUS SUBAREA

FEMA has not completed a study to determine flood hazard for the selected location; therefore, a flood map has not been published at this time.

Show **all products** for this area 

Locator Map



+

-

Hybrid

- Selected Flood Map Boundary
- Printed Flood Map Boundary
- Non-printed Flood Map Boundary
- Unmapped Area

Airtort Rd

Esri, HERE, DeLorme, NGA, USGS | esri

Community Map STEVENS VILLAGE

66° 00' 27" N 149° 05' 52" W (NAD 83)
 Approximate Elevation: 309' at Lots 3 & 5, Blk. 13
 Township 14 North, Ranges 7 & 8 West, F.M., AK
 U.S.G.S. Quadrangle "BEAVER A-5", Alaska
 RAMPART RECORDING DISTRICT

MAP NOTES
 This map was prepared by the Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs (Commerce) using funding from the Initiative for Accelerated Infrastructure Development (IAID). The IAID is supported by grants from the Denali Commission, USDA Rural Development, Alaska Department of Transportation and Public Facilities and Commerce. Commerce contracted with Global Positioning Services, Inc. in May of 2010 to prepare the map.

This map should not be construed as a survey. On-site surveys should be conducted prior to engineering or construction. This map was compiled to meet horizontal and vertical accuracy in accordance with national map accuracy standards.

Property and utility information has been generated from readily available sources with limited accuracy checks. Property information is not intended to represent a title search of the Recorder's Office record. Utility location is approximate and shows only the main lines. Generally, the information is current as of December 2010. ANTHC provided sanitation facility records.

This map is based on photography acquired on June 8, 2010, at a nominal scale of 1 in = 800 ft. Aero-Metric Anchorage prepared the orthophoto and topographic mapping. The topographic contours were prepared at two (2) foot intervals with index contours every ten (10) feet.

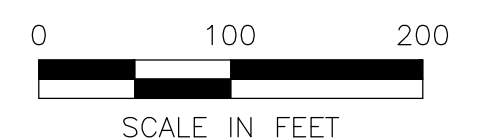
HORIZONTAL AND VERTICAL CONTROL
 The horizontal control monument for this digital map and orthophoto was an NGS OPUS solution for GPS Inc. TBM "BASE 1". The horizontal datum NAD 1983 coordinates for this TBM are North 66° 00' 32.84936" and West 149° 05' 46.57760". The vertical control monument was GPS Inc. TBM "BASE 1". The Ceoid 06 elevation for this station is 334.811 feet.

The mapping of Stevens Village has been adjusted to this control using high-precision GPS methods and the adjusted coordinates and elevation for BLM Monument "L3, L5, Blk 13", were calculated to establish a local control reference. The NAD 1983 coordinates for this monument are North 66° 00' 27.16626" and West 149° 05' 52.60634" and the elevation is 309.06 feet.

This map projection is based upon NAD 83, ASP Zone 4 as expressed in US Survey Feet.

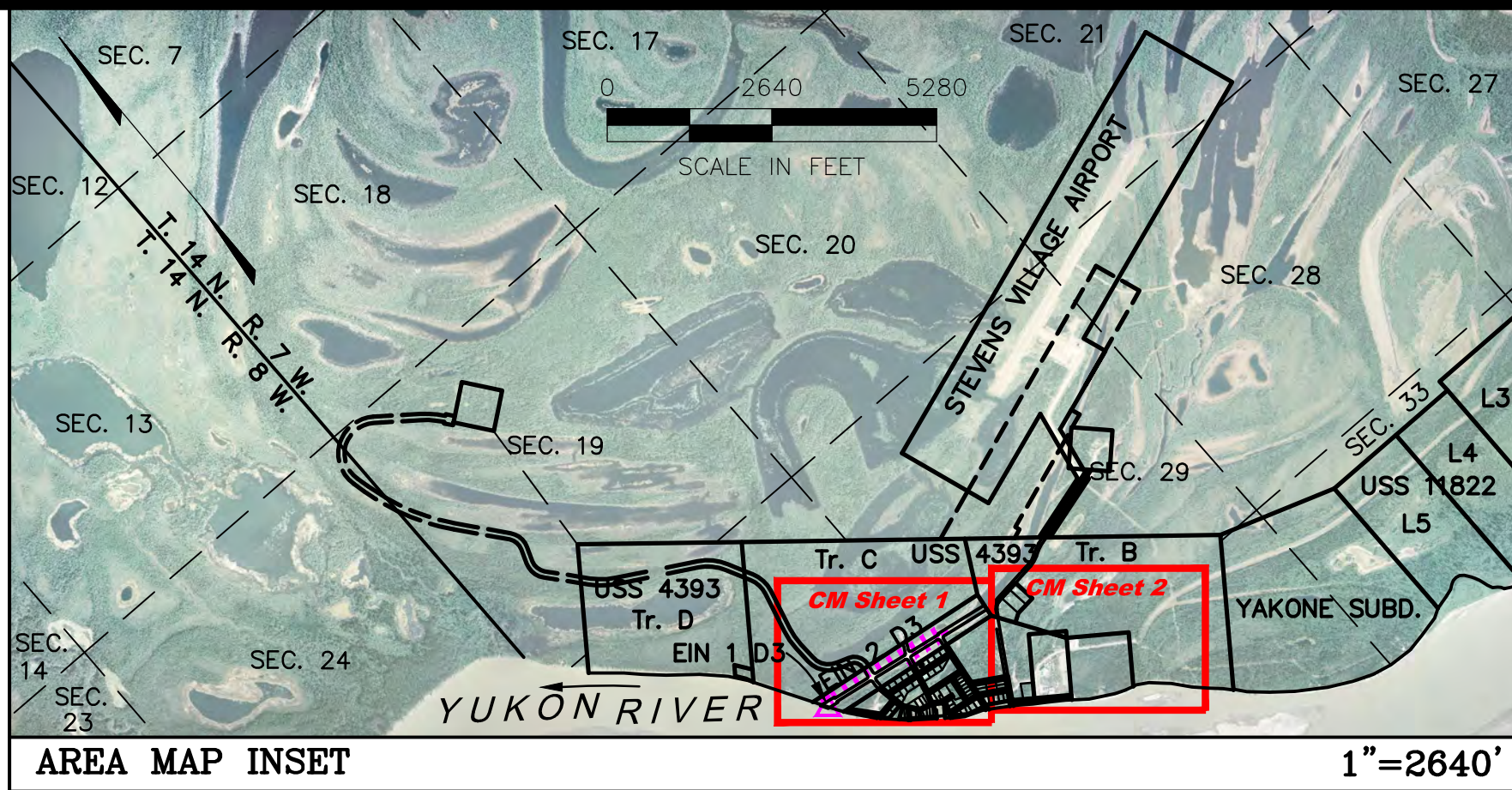
FLOOD NOTES
 The US Army Corps of Engineers (USACE) report "Alaska Communities Flood Hazard Data 2007", has a published flood of record which occurred in 1964 with a flood elevation of 105.6' (318.368 feet based upon this map's vertical control). A Flood Gauge was placed on a utility pole in front of and just upstream of Oliver Ben's house along the river with the mark at the 105.6' elevation.

- LEGEND**
- Residential Building
 - Public Building
 - (1964) Flood Elev. 318.368' (Based on this Map)
 - Basis of Coordinates
 - BLM BC Mon L3, L5, Blk 13
 - Flood Gauge on Pole with High Water Sign (1964)
 - Water Line
 - Sewer Line
 - Electric
 - Underground Electric
 - Underground Telephone
 - Electric & Telephone
 - Underground Electric & Telephone
 - Edge of Water



SCALE: 1"=100'
 Date of Photography: June 8, 2010
 Magnetic Declination computed by U.S.G.S. Geomag
 Program using WMM-2010.COF model as of September 1, 2010

SHEET
1 of 3



STEVENS VILLAGE COMMUNITY MAP SHEET 1 1"=100' (2010 PHOTOGRAPHY)

STATUS	unincorporated	LAST FLOOD EVENT	
POPULATION	92	FLOOD CAUSE	
BUILDINGS		ELEVATION	
RIVER SYSTEM	Yukon River	FLOOD OF RECORD	1964
COASTAL AREA	none	FLOOD CAUSE	
		ELEVATION	105.6
NFIP STATUS	not participating	WORST FLOOD EVENT	
FLOODPLAIN REPORT	yes	FLOOD CAUSE	
FLOOD INSURANCE STUDY	no	FLOOD GAUGE	yes

Comments: All elevations are relative to the USGS pipe stand in the road that goes north to the Community Hall and west to the airstrip. The pipe stand, about 200 ft north of George's Store, was given an arbitrary benchmark elevation of 100.0 ft.

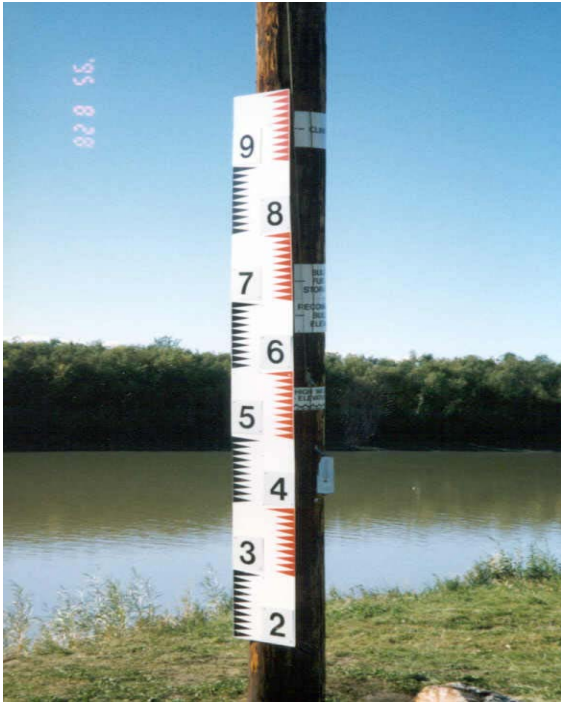
SURVEY INFORMATION AS OF SEPTEMBER 1995

1964 flood level	105.6
Recommended building elevation	107.6
First floor of the new school	112.9
Door sill of the washeteria	109.6
Door sill of the clinic	109.5
Front doorsill of the council office	107.5
Generator floor	103.8
Runway	100.1

A flood gauge was placed on a utility pole in front of and just upstream of Oliver Ben's house along the river. High Water Elevation (HWE) signs were placed on Ted Stevens' house, approximately 5.8 ft above ground, and on Hilda Stevens' house (highest in the village), approximately 10 inches above the ground. The HWE signs were placed with the sign's water symbol at the elevation of the 1964 flood. Hilda Stevens' house is located one house east of the church and four houses east of George's Store. The elevation of a Bureau of Land Management (BLM) monument marked "S4393, BL12, L1, S4035, C6, BL19, WCMC, 1967, 1962", located along the riverbank in the center of the old village, is 102.8 ft. The elevation of a second BLM monument marked "S4393, BL12, L1, C3, S4035, 1967, 1962", located 35 ft south of George's Store, is 102.8 ft.



Flood Gauge Location



Flood Gauge

Floodplain Manager | (907) 753-2610

FCC NEPA CHECKLISTS AND SUPPORTING DOCUMENTATION

WETLANDS

Data Source: Google Earth, National Wetland Inventory Mapper (kmz files). Accessed online February 9, 2016.



Ruler

Line Path Polygon Circle 3D path 3D

Measure the distance between two points on the ground

Map Length: 0.07 Miles

Ground Length: 0.07

Heading: 171.21 degrees

Mouse Navigation

Save Clear

Stevens Village 3.6m Dish

Wetland Types

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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Image © 2016 DigitalGlobe

Google earth

Tour Guide 2003 Imagery Date: 8/8/2003 66°00'29.79" N 149°05'40.37" W elev 302 ft eye alt 3610 ft