

U.S. Army Corps of Engineers, Alaska District
PRECONSTRUCTION NOTIFICATION FORM

May be used instead of Form ENG 4345 to request verification under a Nationwide Permit (NWP)

Applicant: AVCP Regional Housing Authority	Phone: 907-543-3121
Address: PO Box 767	Fax: 907-543-4020
City, State, Zip: Bethel, AK 99559	Cell/Direct Line: 907-543-1343
Point of Contact: Mark Charlie	e-mail: mark@avcphousing.org

Agent: N/A	Phone:
Address:	Fax:
City, State, Zip:	Cell/Direct Line:
Point of Contact:	e-mail:

Location of the Proposed Project Site:

Nearest Waterway: Confluence of Ninglick River and Baird Inlet	
Section, Township, Range, and Meridian: Sec. 34, T9N, R86W and Sec. 2, T8N, R87W, Seward Meridian	
Latitude and Longitude (Decimal Degrees, NAD-83):	
Nearest City: Newtok, AK	Subdivision: N/A
Borough: N/A	USGS Quad(s):
Driving Directions to Site: N/A	

Project Description:

<p>To ensure your project meets the requirements for a NWP, read all of the NWP General Conditions and Regional Conditions, which can be found on our website at http://www.poa.usace.army.mil/reg/Permits.htm#Nationwide Permits</p>	
<p>Description of the proposed project, including the area of impacts and the volume of fill material to be used (If there is a NWP that you think would apply to your proposed project, please include that in this section):</p> <p>Construction of 2 housing units in the new village of Mertarvik, AK. The units will be built on post and pad foundations, therefore an unknown amount of fill material consisting of gravel will be used on the pads.</p>	
<p>Project purpose: Provide housing to 2 families that move to Mertarvik</p>	
<p>Describe any direct and/or indirect adverse environmental effects that may result from the proposed project:</p> <p>None</p>	

Do you intend to use any other authorizations for any part of the proposed project or any related activity, for example, a NWP, General Permit (GP), or Individual Permit (IP)?

☐ YES or ☒ NO

If YES, specify what permit type (NWP, GP, IP) and for what aspect of the project:

Will your proposed project result in the loss of greater than 1/10 of an acre of wetlands?

☐ YES or ☒ NO

If YES, describe how you will satisfy the mitigation requirement in Nationwide Permit General Condition 23 (attached). If additional space is needed, please attach sheets.

Are there any listed species or designated critical habitat that might be affected or is in the vicinity of the project, or is the project located in designated critical habitat? Federal agencies must provide the appropriate documentation to demonstrate compliance with the agency's procedures for compliance with the ESA. Information on the location of threatened or endangered species and their critical habitat can be obtained directly from the offices of the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

☐ YES or ☒ NO

If YES, list all species:

Are there historic properties (listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties) that the proposed activity may have the potential to effect? Federal agencies must provide documentation demonstrating compliance with the Section 106 of the National Historic Preservation Act. Assistance regarding information on the location of or potential for the presence of historic resources can be sought from the State Historic Preservation Officer.

☐ YES or ☒ NO

If YES, state which property or properties may be affected and/or attach a vicinity map indicating the location of the historic property or properties.

Will the proposed work involve ground disturbing activities?

☐ YES or ☒ NO

If YES, attach a short narrative describing the topsoil or organic materials (including seed) that you intend to use for rehabilitation. If you intend to use other locally-obtained native materials, identify the source.

Attach the following in addition to the above applicable items:

- Drawings of the site and project plans (For more information on acceptable drawings and plans, please visit our website at <http://www.poa.usace.army.mil/reg/permitapp.htm> and click on "Guide to Drawings")
- The PCN must include a delineation of wetlands, other special aquatic sites (riffle and pool complexes, sanctuaries and refuges, mudflats, vegetated shallows, and/or coral reefs), and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The applicant may request the Corps to delineate the special aquatic sites and other waters and if the PCN does not include a delineation we will take that to mean you are requesting the Corps for one. In these cases, the PCN will not be considered complete until we complete the delineation.

Note: If you request a Corps delineation, you may be delayed in receiving authorization for your proposed project.

Application is hereby made for a permit or permits to authorize the work described in this preconstruction notification form.

I certify the information in this preconstruction notification form is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

M. M. M.

SIGNATURE OF APPLICANT

5/24/16

DATE

SIGNATURE OF AGENT

DATE

NATIONWIDE PERMIT GENERAL CONDITION 23: MITIGATION

The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require preconstruction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse effects of the proposed activity are minimal, and provides a project-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in minimal adverse effects on the aquatic environment.

(2) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.

(3) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2)-(14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)).

(4) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan only needs to address the baseline conditions at the impact site and the number of credits to be provided.

(5) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan.

(d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream rehabilitation, enhancement, or preservation, to ensure that the activity results in minimal adverse effects on the aquatic environment.

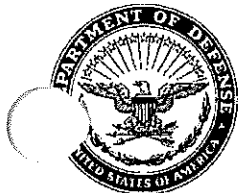
(e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to

ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWPs.

(f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the restoration or establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to establish a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or establishing a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(g) Permittees may propose the use of mitigation banks, in-lieu fee programs, or separate permittee-responsible mitigation. For activities resulting in the loss of marine or estuarine resources, permittee-responsible compensatory mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.



DEPARTMENT OF THE ARMY
ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS
REGULATORY DIVISION
P.O. BOX 6898
JBER, ALASKA 99506-0898

July 18, 2016

Regulatory Division
POA-2016-329

Mr. Mark Charlie
AVCP Regional Housing Authority
PO Box 767
Bethel, Alaska 99559

Dear Mr. Charlie:

This letter is in response to your May 24, 2016, request for a Department of the Army (DA) jurisdictional determination for your proposed **Newtok relocation** project. The project is located within Section 34, T. 9 N., R. 86 W., and Section 2, T. 8 N., R. 87 W Seward Meridian, USGS Baird Inlet D-7; at Latitude 60.8199° N., Longitude 164.5062° W.; near Newtok, Alaska. Your project has been assigned number POA-2016-329, Baird Inlet, which should be referred to in all correspondence with us.

Based on our review of the information you provided and available to our office, and/or on our site visit dated 2006, we have preliminarily determined the subject project area contains waters of the U.S., and/or wetlands, under the Corps' regulatory jurisdiction. See the attached Preliminary Jurisdictional Determination (PJD) Form. Please sign and return the form to our office. A PJD is not appealable. At any time you have the right to request and obtain an Approved Jurisdictional Determination, which can be appealed. If it is your intent to request an Approved JD, do not begin work until one is obtained.

Department of the Army authorization is required if you propose to place dredged and/or fill material into waters of the U.S., including wetlands. You can find a copy of the DA permit application online at <http://www.poa.usace.army.mil/Missions/Regulatory.aspx>. You can refer to the sample drawing on our website at <http://www.poa.usace.army.mil/Portals/34/docs/regulatory/guidetodrawings2012.pdf>.

Section 404 of the Clean Water Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including jurisdictional wetlands (33 U.S.C. 1344). The Corps defines wetlands as those areas that are inundated or saturated by surface or groundwater at a frequency and duration

sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

Nothing in this letter excuses you from compliance with other Federal, State, or local statutes, ordinances, or regulations.

If you have questions or to request a paper copy of the DA permit application, please contact me via email at mary.r.romero@usace.army.mil, by mail at the address above, by phone at (907) 753-2773, or toll free from within Alaska at (800) 478-2712. For more information about the Regulatory Program, please visit our website at <http://www.poa.usace.army.mil/Missions/Regulatory.aspx>.

Sincerely,



Digitally signed by
ROMERO.MARY.R.1259266617
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=ROMERO.MARY.R.1259266617
Date: 2016.07.18 14:48:01 -08'00'

Mary Romero
Project Manager

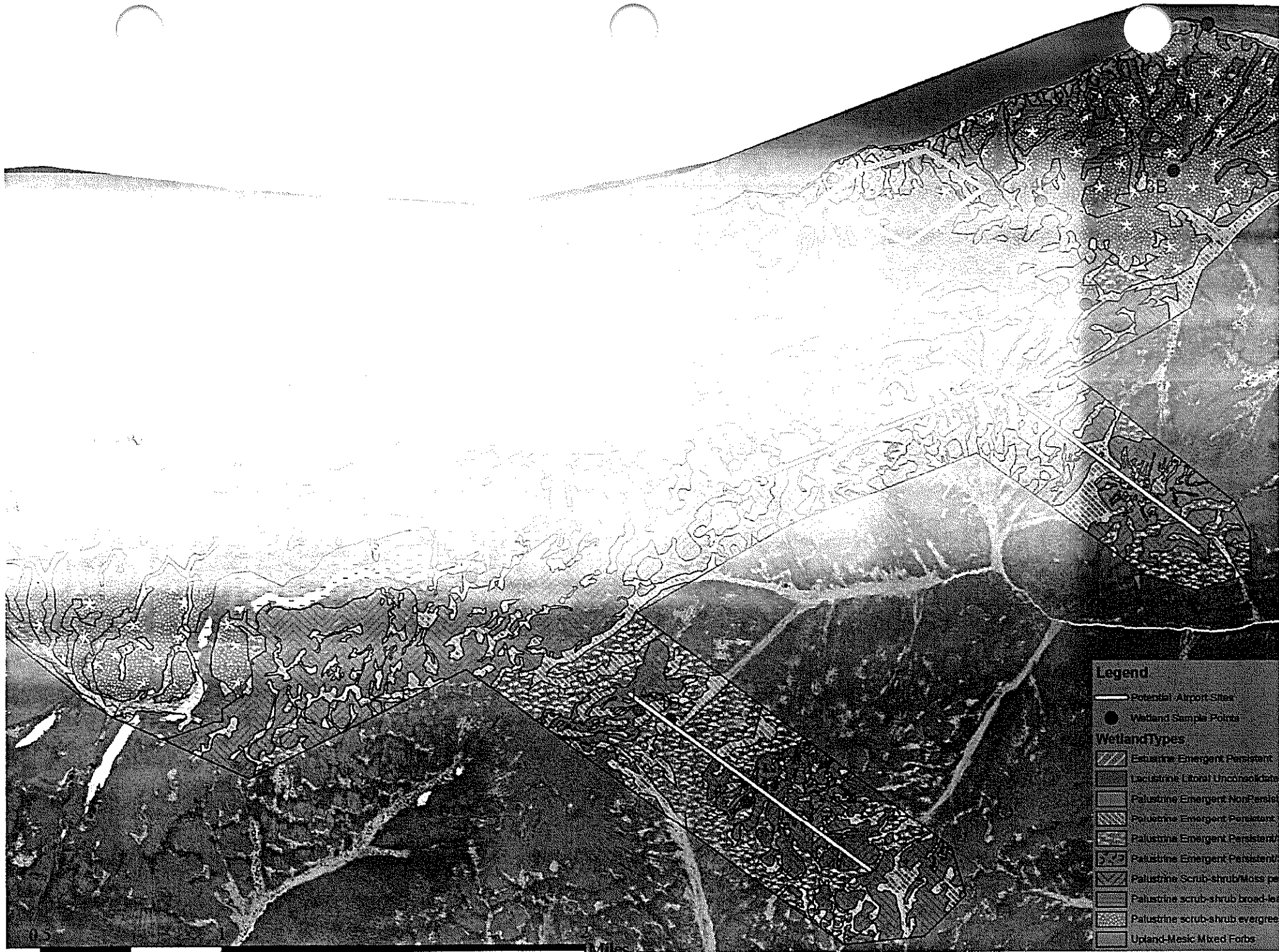
Enclosures

CF: North Branch

ADEC
ADEC
ADF&G-DH, Fairbanks
ADNR-DMLW, Anchorage
ADNR-DMLW, Anchorage (south of AK Range)
ADNR-DMLW
SHPO, ADNR OHA
EPA
USFWS

james.rypkema@alaska.gov
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jusdi.mcdonald@alaska.gov
oha.revcomp@alaska.gov
AOOARU.R10@epamail.epa.gov
FW7_POANotices@fws.gov

'Walter Jim' <WJim@avcphousing.org>; Concepcion, Andy <andy.concepcion@hud.gov>



Site Number	Latitude/ Northing	Longitude/ Easting	Cowardin Class/ Stream Flow	Estimated Amount of Aquatic Resource in Review Area	Class of Aquatic Resource
Newtok relocation - Mertarvik PSS wetlands	60.8199	-164.5062	---	25 acres	Section 404
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PRELIMINARY JURISDICTIONAL DETERMINATION FORM

U.S. Army Corps of Engineers

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): July 18, 2016

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:

Mark Charlie
AVCP Regional Housing Authority
PO Box 767
Bethel, Alaska 99559

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-RD, POA-

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:

(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State: Alaska Borough: Bethel City: Mertarvik

Center coordinates of site: Universal Transverse Mercator:

Latitude 60.8199 ° N Longitude 164.5062 ° W

Authority: ☒ Section 404 ☐ Section 10

Name of nearest waterbody: Baird Inlet

Identify (estimate) amount of waters in the review area:

Non-wetland waters: linear feet: # width (ft) and/or # acres.

Cowardin Class: Choose Class

Stream Flow: Choose Flow

Wetlands: 25 acres.

Cowardin Class: Palustrine Scrub-shrub

Name of any water bodies on the site that have been identified as Section 10 waters:

Tidal: *Waterbody*

Non-Tidal: *Waterbody*

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: July 18, 2016

☒ Field Determination. Date(s): c 2006


1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. §331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable. This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply)
 - checked items should be included in case file and, where checked and requested, appropriately reference sources below):

- ☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: *Click here to enter text.*
- ☐ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 - ☐ Office concurs with data sheets/delineation report.
 - ☐ Office does not concur with data sheets/delineation report.
- ☒ Data sheets prepared by the Corps: A JD was done by Marcia Heer/Estrella Campellone in c 2006
- ☐ Corps navigable waters' study: *Click here to enter text.*
- ☐ U.S. Geological Survey Hydrologic Atlas: *Click here to enter text.*
 - ☐ USGS NHD data.
 - ☐ USGS 8 and 12 digit HUC maps.
- ☐ U.S. Geological Survey map(s). Cite scale & quad name: *Click here to enter text.*
- ☐ USDA Natural Resources Conservation Service Soil Survey. Citation: *Click here to enter text.*
- ☐ National wetlands inventory map(s). Cite name: *Click here to enter text.*
- ☐ State/Local wetland inventory map(s): *Click here to enter text.*
- ☐ FEMA/FIRM maps: *Click here to enter text.*
- ☐ 100-year Floodplain Elevation is: *Click here to enter text.*
 (National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): Google Earth/Regulatory SimSuite July 2016
- ☐ or ☒ Other (Name & Date): photos taken on site c 2006
- ☒ Previous determination(s). File no. and date of response letter: POA-2005-533, POA-2005-1890, POA-2006-1801, POA-2006-1896, & POA-2010-281
- ☐ Applicable/supporting case law: *Click here to enter text.*
- ☐ Applicable/supporting scientific literature: *Click here to enter text.*
- ☐ Other information (please specify): *Click here to enter text.*

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.


Digitally signed by
 Mary R. Romero, cn=MARY R, o=U.S. Government, ou=DoD,
 email=mary.r.romero@usda.gov,
 c=US, cn=ROMERO.MARY.R.1259266617
 DN: cn=ROMERO.MARY.R.1259266617, o=U.S. Government, ou=DoD, email=mary.r.romero@usda.gov, c=US

Signature and date of Regulatory Project
 Manager (REQUIRED)

Signature and date of
 person requesting preliminary JD
 (REQUIRED, unless obtaining
 the signature is impracticable)



ation of Village Council Presidents
ousing Authority

gan Road
ska 99559

1-543-3121

Fax (907)-543-3933

Toll Free (800)-478-4687

Ryan H. Winn
Department Of The Army
Alaska District, U.S. Army Corps Of Engineers
Regulatory Division
P.O. Box 6898
JBER, Alaska 99506-0898

May 24, 2016

Re: (2) New single 3 to 4 family dwelling units at Mertarvik, Alaska under Title VI, relocating 12 homes and future development.

Dear Mr. Winn,

The Association of Village Council Presidents will be assisting the Native Village of Newtok in constructing (2) single family dwelling units using Title VI at the new village site in Mertarvik, Alaska.

The proposed new village site of Mertarvik is the location where the Native Village of Newtok will also be relocating (12) homes. This site encompasses the Village Center, Phase 1 and Phase 2 for proposed housing units. The gravel source for these future projects is located approximately 2 miles southwest of this new site and this quarry road will need to be developed. This undeveloped new site will need gravel to develop access roads, roads between lots within phase 1 and phase 2, roads within the village center and all easements.

Total area encompassing the development of Phase I which includes the road to the Quarry is approximately 16,750 feet of road or equal to 3.17 miles.

House Lot sizes are approximately 0.75 acres. Inside Phase I of the subdivision there will be 25 Lots for homes. The Village Center consists of structures that will include the fuel tank farm, power plant, multi-purpose building, washeteria/water plant, water well, tribal hall, church, public safety building, community gym, clinic, post office, library, store, school and teacher housing.

The total length of roads inside the subdivision of Phase I is approximately 14,345 feet or equal to 2.71 miles.

The Native Village of Newtok Traditional Council requests for a "Jurisdictional Determination" that the proposed project has "no effect" on wetlands.

The proposed project consists of constructing (2) single-family housing units at the new site of Mertarvik and relocating (12) homes from Newtok to Mertarvik.

The Native Village of Newtok Traditional Council requests concurrence with this determination from

the Alaska District, U.S. Army Corps of Engineers.

A current map of the proposed new village is enclosed for your review.

Your reply must be in writing and forwarded to:

Association of Village Council Presidents Regional Housing Authority
C/O Walter Jim
P.O. Box 767
Bethel, Alaska 99559

If you have any questions please do not hesitate to contact me at (907) 543-1323.

Sincerely,

Walter Jim
Development Planner



ation of Village Council Presidents
ousing Authority

gan Road
ska 99559

1-543-3121 Fax (907)-543-3933 Toll Free (800)-478-4687

Doug Cooper
Fish and Wildlife Field Office
4700 BLM Road
Anchorage, Alaska 99507

June 7, 2016

Re: (2) New single 3 to 4 family dwelling units at Mertarvik, Alaska under Title VI, relocating 12 homes and future development.

Dear Mr. Cooper,

The Association of Village Council Presidents will be assisting the Native Village of Newtok in constructing (2) single family dwelling units using Title VI at the new village site in Mertarvik, Alaska.

The proposed new village site of Mertarvik is the location where the Native Village of Newtok will also be relocating (12) homes. This site encompasses the Village Center, Phase 1 and Phase 2 for proposed housing units. The gravel source for these future projects is located approximately 2 miles southwest of this new site and this quarry road will need to be developed. This undeveloped new site will need gravel to develop access roads, roads between lots within phase 1 and phase 2, roads within the village center and all easements.

Total area encompassing the development of Phase I which includes the road to the Quarry is approximately 16,750 feet of road or equal to 3.17 miles.

House Lot sizes are approximately 0.75 acres. Inside Phase I of the subdivision there will be 25 Lots for homes. The Village Center consists of structures that will include the fuel tank farm, power plant, multi-purpose building, washeteria/water plant, water well, tribal hall, church, public safety building, community gym, clinic, post office, library, store, school and teacher housing.

The total length of roads inside the subdivision of Phase I is approximately 14,345 feet or equal to 2.71 miles.

We are asking for a determination that this new proposed site of Mertarvik will have "no effect" on any listed species.

The proposed project consists of constructing (2) single-family housing units at the new site of Mertarvik and relocating (12) homes from Newtok to Mertarvik.

The Native Village of Newtok Traditional Council requests concurrence with this determination from the U.S. Fish and Wildlife Service.

A current map of the proposed new village is enclosed for your review.

Your reply must be in writing and forwarded to:

Association of Village Council Presidents Regional Housing Authority
C/O Walter Jim
P.O. Box 767
Bethel, Alaska 99559

If you have any questions please do not hesitate to contact me at (907) 543-1323.

Sincerely,

Walter Jim
Development Planner

TOXIC CHEMICALS AND RADIOACTIVE MATERIALS



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Toxic Chemicals and Radioactive Materials

Environmental Record Determination

Metarvik sits on largely undeveloped land not known or suspected of having any toxic and/or radioactive materials.

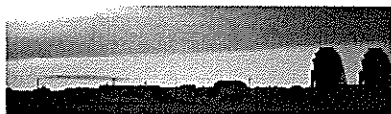
Metarvik is not listed or located within one mile of an EPA Superfund Site or within 2000 feet of a site on the CERCLIS List.

Metarvik is not located within 3000 feet of a toxic or solid waste land fill. Any future proposed solid waste landfills will be located further than 3000 feet from any properties projected for use in HUD programs.

Source Documentation

- State of Alaska Division of Spill Prevention and Response Contaminated Sites Search – No results for Metarvik
- United States Environmental Protection Agency – EPA Superfund Sites Search – No results for Metarvik
- United States Environmental Protection Agency – Alaska Cleanup Sites

WELCOME



Program Manager:
Jennifer Roberts (907) 269-7553

The Contaminated Sites Program protects human health and the environment by managing the cleanup of contaminated soil and groundwater in Alaska.

ABOUT CS



- Contact Information
- Core Services
- Program Annual Report
- Frequently Asked Questions
- Sign up for our Email List
- SPAR Annual Report

BROWNFIELDS



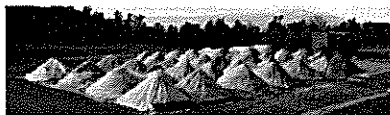
- Brownfield Homepage
- DEC Brownfield Projects in Alaska
- DEC Brownfield Assessments and Cleanups (DBACs)
- Newsletters
- Brownfield Handbook

UNDERGROUND STORAGE TANKS



- Underground Storage Tanks Homepage

REGULATIONS AND TECHNICAL GUIDANCE



- Current Regulations and Statutes, and Proposed Regulation Changes
- Technical Guidance
- Method Three Calculator

RESOURCES FOR SITE CLEANUP



- The Cleanup Process
- Fact Sheets and Publications
- Environmental Consultants
- Institutional Controls Information
- Other Resources

STATE/PRIVATE CLEANUP



- State, Local and Private Sites
- Leaking Underground Storage Tanks

FEDERAL FACILITIES CLEANUP



- Federal Facilities Overview
- Department of Defense Cleanup
- Civilian Federal Agency Sites
- Community Involvement for Federal Facilities

RESEARCH



- Contaminated Sites Database
- Map of Contaminated Sites
- Contaminated Site Summaries

OF INTEREST



- Contaminated Real Estate *New!*
- Vapor Intrusion
- North Pole Sulfolane
- Areawide Investigations

HOW DO I...



- Learn about the Cleanup Process
- Search for Contaminated Sites
- Find Fact Sheets and Publications
- Qualify as an Environmental Professional or Sampler

CONTAMINATED SITES WEB MAP



Contaminated Sites Search

Site Name:	<input type="text" value="Metarvik"/>	?	Street Address:	<input type="text"/>	?
Record Key:	<input type="text"/>	?	City:	<input type="text"/>	?
Hazard ID:	<input type="text"/>	?	Zip Code:	<input type="text"/>	?
Event ID:	<input type="text"/>	?	Borough:	<input type="text"/>	?
Status:	<input type="text"/>	?	File ID:	<input type="text"/>	?
Site Type:	<input type="text"/>	?	LUST Only:	<input type="checkbox"/>	?

Search

Clear

Hazard ID	Site Name	Location	Status	File ID
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No Results Found

<< < Page 1 of 0 > >>

Results Per Page: 10 of 0

Back to top

Download Search
ResultsDownload All Site
RecordsDownload Only CS
Site RecordsDownload Only LUST
Site Records

Disclaimer: DEC makes every effort to ensure the data presented here is accurate based on the best available information currently on file with DEC. It is therefore subject to change as new information becomes available. We recommend contacting the assigned project staff prior to making decisions based on this information.

Note: DEC's Contaminated Sites program has changed the terms used to describe closure, replacing 'closed' and 'conditionally closed' with 'Cleanup Complete' and 'Cleanup Complete - Institutional Controls.'

DEC gives 'Cleanup Complete' status when efforts to reduce hazardous substance contamination have achieved the most stringent levels established in state regulation, or the possibility of human exposure to any residual contamination is highly unlikely. The Department may allow hazardous substances to remain in the environment at a site if the contamination does not pose a risk to human health or the environment, but there may be conditions or restrictions associated with the site that require compliance by current or future owners/operators. Those conditions or restrictions require follow-up reporting; the department would then grant a 'Cleanup Complete - Institutional Controls' status (See 'Institutional Controls').

Details on closure of any site are viewable on the Contaminated Sites database. A special report on Institutional Controls is available for sites with that designation.

For information specific to a site, please contact the staffperson assigned, as noted in the upper right area of each site cleanup chronology.
For CSP database support please contact: [Evonne Reese](#) at (907) 465-5229.



Superfund

Superfund: Protecting Human Health and the Environment for 35 Years!

Learn more about how Superfund cleanups have made a visible difference in communities.

EPA's Superfund program is responsible for cleaning up some of the nation's most contaminated land and responding to environmental emergencies, oil spills and natural disasters. To protect public health and the environment, the Superfund program focuses on making a visible and lasting difference in communities, ensuring that people can live and work in healthy, vibrant places.

Learn About Superfund

- Sites where you live
- Cleanup process
- History
- Superfund 35th Anniversary

Community Involvement

- Technical assistance
- Community Advisory Groups
- Superfund Job Training Initiative
- Tools and resources
- Citizen excellence
- Training conference

Cleanup Support

- Training and learning
- Green remediation
- Climate change adaptation
- Cleanup optimization
- Natural Resource Damages

Accomplishments & Benefits

- Annual accomplishments
- Performance measures
- Community benefits



Superfund

Search Superfund Documents

Follow the links below to search for Superfund documents in specific areas:

- Decision Documents
- Five-Year Review (FYRs)
- National Remedy Review Board Site Reviews
- Contaminated Sediments Technical Advisory Group Site Reviews
- Remedial Investigation / Feasibility Study
- Remedy Decision Policy and Guidance
- Remedial Design / Remedial Action
- Hazard Ranking System Toolbox
- Federal Register Notices for NPL Updates
- Contaminants
- Contaminated Media
- Community Involvement Toolkit
- Reuse In-Depth Case Studies
- Reuse "How-To" Reports
- Relocation Policy

Search all documents from Headquarters collections below. Note: the table below excludes FYRs and Decision Documents; see the FYR and Decision Documents links listed above.

Show entries

Search:

Search for Superfund Documents

Document Title	Date	Document ID	Site Name (if applicable)
No matching records found			
Document Title	Date	Document ID	Site Name (if applicable)

Showing 0 to 0 of 0 entries (filtered from 7,862 total entries)

[Previous](#)

[Next](#)

Last updated on August 3, 2016



Superfund

Contaminants at Superfund Sites

This page contains links to Superfund contaminant-specific websites and information on common contaminants found at Superfund sites.

Lead - Lead contamination at Superfund sites presents a threat to human health and the environment. This website describes EPA's approach to addressing those risks, and the challenges of remediating lead contamination at Superfund sites, and includes information on human health effects, lead risk assessment, software, user manuals, guidance, frequent questions, and technical assistance.

Asbestos - This page contains information regarding addressing asbestos contamination at Superfund sites, which includes policy and guidance, technical assistance, health effects, and naturally occurring asbestos.

Dioxin - Provides information on characterization of dioxin contaminated soil.

Soil Bioavailability - This Web area describes how EPA is incorporating relative bioavailability information for human exposures at Superfund sites exposed to soil contaminants via oral pathway.

Radiation - This page contains information regarding addressing radiation contamination at Superfund sites, which includes frequently used guidance documents and reports.

Contaminants Documents

Search Tip: Type the document title in the search box to filter results

Show entries

Search:

Contaminants Documents

Document Title	Collections	Date	Document ID
No matching records found			
Document Title	Collections	Date	Document ID

Showing 0 to 0 of 0 entries

[Previous](#)

[Next](#)

Last updated on March 18, 2016



Superfund

Search for Superfund Sites Where You Live

Locate Additional Site Information

- Advanced search: for NPL and non-NPL Superfund sites (advanced queries)
- Cleanups in my Community mapped search (includes Superfund and other EPA sites or facilities)

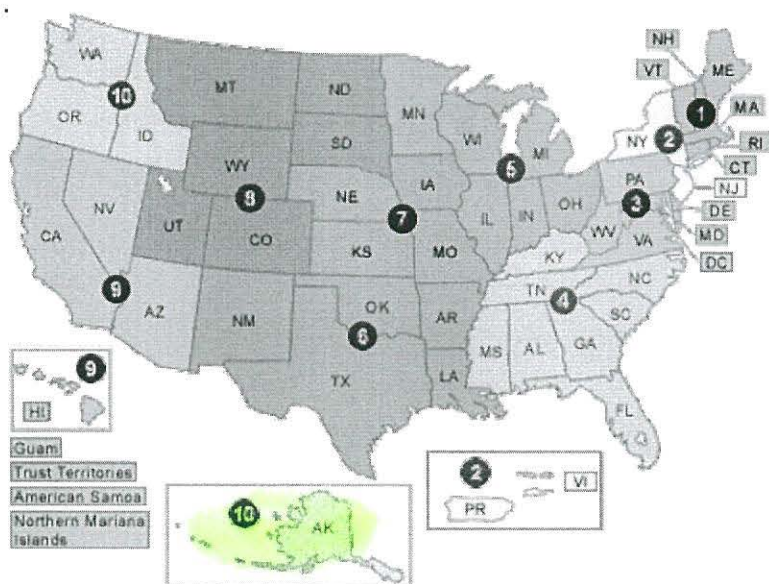
Additional Superfund site-related content:

- Ambler Asbestos
- GE-Pittsfield/Housatonic River Site
- Lindsay Light Superfund Sites
- Grants Mining District in New Mexico

Search for National Priority List (NPL)¹ Superfund Sites

1. Including proposed, final and deleted NPL sites and non-NPL Superfund Alternative Approach (SAA) sites

By default, **all** NPL sites appear. Click an EPA region on the map to display sites in a particular region (1-10).



Select a State

After you select a link, press go to jump to Superfund sites for that State.



Superfund

Search for Superfund Sites Where You Live

Locate Additional Site Information

- Advanced search: for NPL and non-NPL Superfund sites (advanced queries)
- Cleanups in my Community mapped search (includes Superfund and other EPA sites or facilities)

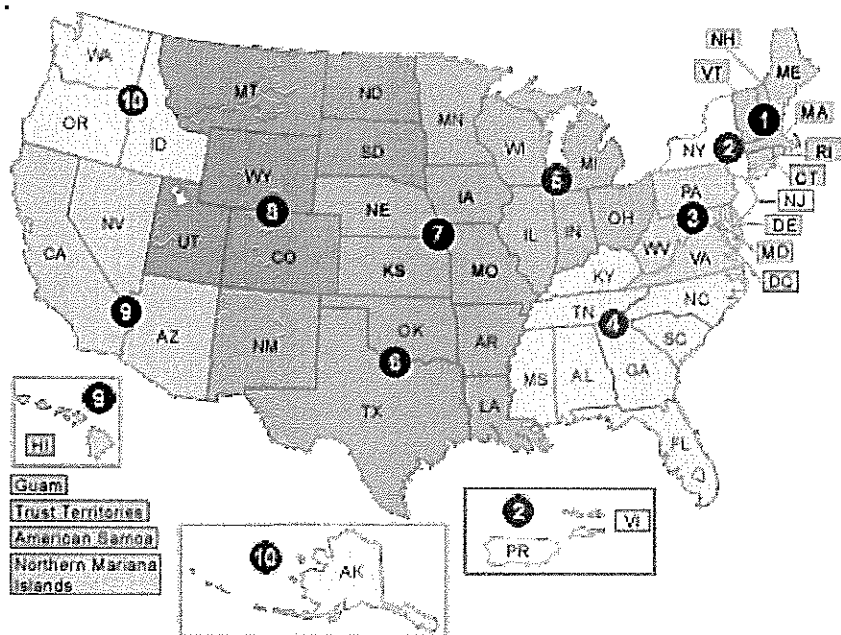
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Select a State

After you select a link, press go to jump to Superfund sites for that State.

All

Region 10 Selected

[Show All Regions](#)

Show entries

Search:

Region	City	County	State	Zip Code	Site Name	NPL Status
+ 10	ADAK	[Blank County]	Alaska	99546	ADAK NAVAL AIR STATION	Final
+ 10	FAIRBANKS	FAIRBANKS NORTH STAR	Alaska	99701	ALASKA BATTERY ENTERPRISES	Deleted
+ 10	ANCHORAGE	ANCHORAGE	Alaska	99501	ALASKA RAILROAD ANCHORAGE YARD	non-NPL
+ 10	FAIRBANKS	[Blank County]	Alaska	99701	ARCTIC SURPLUS	Deleted
Region	City	County	State	Zip Code	Site Name	NPL Status

Region	City	County	State	Zip Code	Site Name	NPL Status
+ 10	FAIRBANKS	FAIRBANKS NORTH STAR	Alaska	99702	EIELSON AIR FORCE BASE	Final
+ 10	ANCHORAGE	[Blank County]	Alaska	99506	ELMENDORF AIR FORCE BASE	Final
+ 10	ANCHORAGE	[Blank County]	Alaska	99505	FORT RICHARDSON (USARMY)	Final
+ 10	FORT WAINWRIGHT	[Blank County]	Alaska	99703	FORT WAINWRIGHT	Final
+ 10	THORNE BAY	[Blank County]	Alaska	99919	SALT CHUCK MINE	Final
+ 10	ANCHORAGE	ANCHORAGE	Alaska	99501	STANDARD STEEL & METAL SALVAGE YARD (USDOT)	Deleted
Region	City	County	State	Zip Code	Site Name	NPL Status

Showing 1 to 10 of 110 entries (filtered from 1,844 total entries)

Previous

1

2

3

4

5

...

11

Next

Last updated on August 12, 2016



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Toxic Chemicals and Radioactive Materials

Environmental Record Determination

Metarvik sits on largely undeveloped land not known or suspected of having any toxic and/or radioactive materials.

Metarvik is not listed or located within one mile of an EPA Superfund Site or within 2000 feet of a site on the CERCLIS List.

Metarvik is not located within 3000 feet of a toxic or solid waste land fill. Any future proposed solid waste landfills will be located further than 3000 feet from any properties projected for use in HUD programs.

Source Documentation

- State of Alaska Division of Spill Prevention and Response Contaminated Sites Search
- United States Environmental Protection Agency – EPA Superfund Sites Search
- United States Environmental Protection Agency – Alaska Cleanup Sites



Region 10: the Pacific Northwest

Last updated on 9/7/2016

You are here: [EPA Home](#) [Region 10](#)

Alaska Cleanup Sites

Use the table below to find information about EPA cleanup sites in Alaska.

Click on the small triangle near the column heading to sort the information by state, city, title (site name), type of site. Note: NPL = National Priorities List (aka "Superfund"). Sites not associated with any particular city will show near the bottom of the list.

State ▲	City ▲	Title ▲	Type of Site ▲
Alaska	Adak	Adak Naval Air Station	NPL
Alaska	Fairbanks	Alaska Battery Enterprises	Deleted NPL
Alaska	Anchorage	Anchorage Terminal Reserve	NPL Equivalent
Alaska	Fairbanks	Arctic Surplus	NPL
Alaska	Fairbanks	Eielson Air Force Base	NPL
Alaska	Anchorage	Elmendorf Air Force Base	NPL
Alaska	Anchorage	Fort Richardson (USArmy)	NPL
Alaska	Fort Wainwright	Fort Wainwright	NPL
Alaska	Ketchikan	Ketchikan Pulp Company	NPL Equivalent
Alaska		RCRA Corrective Action Sites in Alaska	RCRA CA
Alaska	Prince of Wales Island	Salt Chuck Mine	NPL
Alaska	Anchorage	Standard Steel & Metals Salvage Yard (USDOT)	Deleted NPL

ENDANGERED SPECIES



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Endangered Species Act of 1973

Environmental Record Determination

- **United States Fish and Wildlife Service** – Expected to have no effect on listed species, no further consultation is needed with the USFWS pursuant to the Endangered Species Act., email dated July 6, 2016 from Douglas Cooper, Branch Chief – Ecological Services.
- **National Marine Fisheries Service** – Will have no effect on species under the National Marine Fisheries Service's jurisdiction that are listed under the Endangered Species Act., email dated July 27, 2016 from Jon Kurland, Assistant Regional Administrator for Protected Resources, NOAA Fisheries, Alaska Region
- **Yukon Delta National Wildlife Refuge** – Does not need further permitting requirements, per email dated July 22, 2016 from Kent Stahlnecker, Refuge Manager, Yukon Delta NWR

Source Documentation

- USFWS Listed species believed to or known to occur in Alaska
- United States Fish and Wildlife Service email dated July 6, 2016 from Douglas Cooper, Branch Chief – Ecological Services.
- National Marine Fisheries Service email dated July 27, 2016 from Jon Kurland, Assistant Regional Administrator for Protected Resources, NOAA Fisheries, Alaska Region
- Yukon Delta National Wildlife Refuge email dated July 22, 2016 from Kent Stahlnecker, Refuge Manager, Yukon Delta NWR



U.S. Fish & Wildlife Service

ECOS

[ECOS](#) / [Species Reports](#) / [Species occurrence by state](#)
/ Listed species believed to or known to occur in Alaska

Listed species believed to or known to occur in Alaska

Notes:

- As of 02/13/2015 the data in this report has been updated to use a different set of information. Results are based on where the species is believed to or known to occur. The FWS feels utilizing this data set is a better representation of species occurrence. Note: there may be other federally listed species that are not currently known or expected to occur in this state but are covered by the ESA wherever they are found; Thus if new surveys detected them in this state they are still covered by the ESA. The FWS is using the best information available on this date to generate this list.
- This report shows listed species or populations believed to or known to occur in Alaska
- This list does not include experimental populations and similarity of appearance listings.
- This list includes species or populations under the sole jurisdiction of the National Marine Fisheries Service.
- Click on the highlighted scientific names below to view a Species Profile for each listing.

Listed species -- 12 listings

Animals -- 11 listings

<u>Status</u>	<u>Species/Listing Name</u>
E	Albatross, short-tailed Entire (<i>Phoebastria (=Diomedea) albatrus</i>)
T	Bear, polar Entire (<i>Ursus maritimus</i>)
T	Bison, wood Entire (<i>Bison bison athabasca</i>)

<u>Status</u>	Species/Listing Name
T	Eider, spectacled Entire (<i>Somateria fischeri</i>)
T	Eider, Steller's AK breeding pop. (<i>Polysticta stelleri</i>)
T	Otter, Northern Sea Southwest Alaska DPS (<i>Enhydra lutris kenyoni</i>)
E	Sea lion, Steller Western DPS (<i>Eumetopias jubatus</i>)
E	whale, beluga Cook Inlet DPS (<i>Delphinapterus leucas</i>)
E	Whale, blue Entire (<i>Balaenoptera musculus</i>)
E	Whale, bowhead Entire (<i>Balaena mysticetus</i>)
E	Whale, sperm Entire (<i>Physeter catodon (=macrocephalus)</i>)

Plants -- 1 listings

<u>Status</u>	Species/Listing Name
E	Fern, Aleutian shield (<i>Polystichum aleuticum</i>)

Concepcion, Andy

From: Walter Jim <WJim@avcphousing.org>
Sent: Wednesday, July 06, 2016 8:37 AM
To: Mark Charlie
Cc: Abraham Palacios; Allen Joseph; Concepcion, Andy
Subject: FW: Mertarvik

From: Cooper, Douglass [mailto:douglass_cooper@fws.gov]
Sent: Tuesday, July 05, 2016 12:52 PM
To: Walter Jim <WJim@avcphousing.org>
Cc: Abraham Palacios <Abraham_Palacios@avcphousing.org>; Allen Joseph <ajoseph@avcphousing.org>; Mark Charlie <mark@avcphousing.org>
Subject: Re: Mertarvik

Hi Jim,

Sorry for the delayed response. Based on your determination that the proposed Newtok to Mertarvik relocation is expected to have no effect on listed species, no further consultation is needed with the USFWS pursuant to the Endangered Species Act. However, I am happy to discuss the project further if you would like. My direct line is listed in my signature block below.

Regards,
Doug Cooper

On Tue, Jul 5, 2016 at 10:46 AM, Walter Jim <WJim@avcphousing.org> wrote:

Doug,

Any new positive leads or concurrence for the proposed new Village site of Mertarvik?

Thank You,

Walter Jim

Planner, AVCP RHA

P.O. Box 767

Bethel, Alaska 99559

| (907) 543-1323 - Direct

Douglass M. Cooper
Branch Chief - Ecological Services
Anchorage Fish and Wildlife Field Office, USFWS
4700 BLM Road
Anchorage, Alaska 99507

(907) 271-1467
douglass_cooper@fws.gov



The Association of Village Council Presidents
Regional Housing Authority
PO Box 767
405 Ptarmigan Road
Bethel, Alaska 99559

Main # (907)-543-3121 Fax (907)-543-3933 Toll Free (800)-478-4687

June 7, 2016

Doug Cooper
Fish and Wildlife Field Office
4700 BLM Road
Anchorage, Alaska 99507

Re: Construction of 2 Single Family Units; Relocation of 12 Single Family Units; and Future Development at Mertarvik, Alaska.

Dear Mr. Cooper,

The Association of Village Council Presidents Regional Housing Authority (AVCP RHA) is the Tribally Designated Housing Entity (TDHE) for the Newtok Village Council to plan and implement an Indian Housing Plan with funding from the Native American Housing Assistance and Self-Determination Act (NAHASDA).

AVCP RHA is working to establish the Environmental Review Record (ERR) for the relocation project. The project includes construction of 2 single family units and relocation of 12 single family unit from Newtok to Mertarvik. Mertravik site was selected by the village to move the current village to escape the serious threat of erosion facing the village of Newtok. A current map of the proposed new village is enclosed for your review.

The project plans is for a development and construction of a village center; lots for house, fuel tank farm, power plant, multi-purpose building, water plant for a laundry facility and water well, community hall, church, public safety building, community gym, clinic, post office, library, store, school and teacher housing. Plans include a 2.5 mile road in the proposed site and a 3 mile road to the quarry. The site has plans for 25 lots for houses. Each lot is about .75 acre in size. At the site the project(s) will proceed taking all practicable measures to minimize harm.

The community has been working, with numerous federal and state agencies, for the last 20 to 30 years to relocate to another site. The community has no other land available to relocate the community. The land has been eroding to the point that it is now dangerously close to the existing house structures. The community got U.S. congressional support to swap land between the federal government and the village corporation so the village can relocate to higher and dryer ground and is not facing erosion. That land is now called Mertarvik. The new village site is located on elevation higher than the river at Nelson Island. The Newtok Village Council reviewed the listed species believed to or known to occur in Alaska from the USFWS ECOS web site and determines the project has no effect on the listed 12 species. The form is attached/

The Newtok Village Council is requesting concurrence with this determination from the U.S. Fish and Wildlife Service.

If you have any questions contact me at (907) 543-1323.

Sincerely,

Walter Jim
Development Planner

Endangered Species

Ecological Services

[ES Home](#) [Species](#) [What We Do](#) [For Landowners](#) [Permits](#) [Grants](#) [News](#) [About Us](#) [FWS Regions](#) [Laws & Policies](#) [Library](#) [For Kids](#)

You Are Here: Endangered Species Home »

Find Endangered Species

Species in Your State and U.S. Territories:

Alaska ☐

Species Search:

Species common/scientific name

Species in Your County:

QUICK SEARCHES

[Threatened/endangered "Box Score"](#)

[Threatened/endangered animals in the U.S and Foreign Species](#)

[Threatened/endangered plants in the U.S and Foreign Species](#)

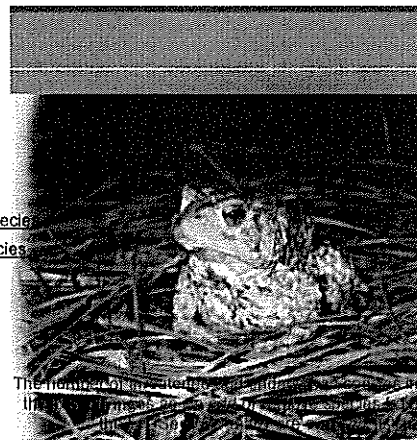
[ESA petitions under review](#)

[Species proposed for listing](#)

[Species that are candidates for listing](#)

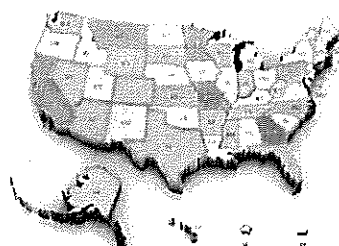
[Species proposed for a status change or delisting](#)

[More species searches...](#)



The number of imperiled species in the U.S. has increased significantly since 1980.

Get to Know Your Species



Interactive Website

View our new interactive map to learn about endangered species success in your state or territory.

[Launch Map »](#)

[More Info »](#)

News



Service Creates ESA Listing Workplan to Provide Predictability and Encourage Proactive Conservation of Imperiled Wildlife

As part of its ongoing efforts to improve the effectiveness and implementation of the Endangered Species Act (ESA) and provide the best possible conservation for our nation's imperiled wildlife, the U.S.

Fish and Wildlife Service released today its National Listing Workplan for addressing ESA listing and critical habitat decisions over the next seven years. [News Release »](#)

[More News »](#)

Featured Species



Channel Island Fox

Four of the six subspecies of island fox on California's Channel Islands – the San Miguel, Santa Barbara, Santa Rosa, and Santa Cataline island foxes – were listed as endangered in 2004 following catastrophic population declines...

[More »](#)

Photo credit: NPS

[Previous](#)

[Next](#)

Partnership Stories



Rare Animals, Sierra Nevada Bighorn Sheep - Yosemite Nature

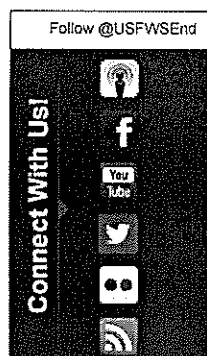
Sierra Nevada bighorn sheep are the rarest mountain sheep in North America. After the population dropped to around 100 animals in 1995, this unique subspecies was listed as an endangered species. In the spring of 2015, these charismatic animals were released into

the heart of Yosemite for the first time in over 100 years.

[Learn More »](#)

[More Info »](#)

Last

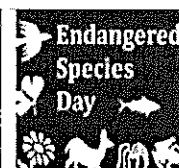


Newsletter Sign up

Receive up-to-date announcements regarding endangered species

Email Address

Sign up for our newsletter!



updated: September 6, 2016

Species

Species Search/Map
Environmental Conservation Online System (ECOS)
Information, Planning and Conservation System (IPAC)
U.S. Species
Candidate Species
Foreign Species
Critical Habitat
Recovery Plans
Why Save Species?
Frequently Asked Questions

What We Do

Candidate Conservation
Consultations
Grants
Habitat Conservation Plans (HCPs)
Foreign Species
Listing and Critical Habitat
Recovery
Working With Tribes
Partnerships in Conservation

For Landowners

Habitat Conservation Plans (HCPs)
Safe Harbor Agreements
Candidate Conservation Agreements
Candidate Conservation Agreements with Assurances
Recovery Credits and Tax Deductions
Conservation Banking
Conservation Plans Database
Information, Planning and Conservation System (IPAC)
Recovery Online Activity Reporting System (ROARS)

Permits

Grants
News
News Stories
Featured Species
Recovery Success Stories
Endangered Species Bulletin
Partnership Stories
About Us
Overview
Featured Species
Endangered Species Bulletin
Glossary
Frequently Asked Questions
Contacts

FWS Regions

Region Map
Pacific (Region 1)
Southwest (Region 2)
Great Lakes-Big Rivers (Region 3)
Southeast (Region 4)
Northeast (Region 5)
Mountain-Prairie (Region 6)
Alaska (Region 7)
Pacific Southwest (Region 8)
Headquarters

Laws & Policies

Endangered Species Act
Endangered Species Regulations and Policies
Federal Register Notices

Library

ESA Related Documents
Federal Register Notices

For Kids

Homework Help
Kids and Educators
Let's Go Outside

Concepcion, Andy

From: Walter Jim <WJim@avcphousing.org>
Sent: Wednesday, July 27, 2016 3:33 PM
To: Concepcion, Andy
Cc: Mark Charlie; Abraham Palacios; Allen Joseph; shina.duvall@alaska.gov
Subject: FW: Mertarvik and Lusted Species

From: Jon Kurland - NOAA Federal [mailto:jon.kurland@noaa.gov]
Sent: Wednesday, July 27, 2016 4:28 PM
To: Walter Jim <WJim@avcphousing.org>
Subject: Mertarvik and Lusted Species

Hi Walter. Per our phone conversation, I reviewed your letter and saw your conclusion that constructing 2 homes and relocating 12 homes from Newtok to Mertarvik will have no effect on species under the National Marine Fisheries Service's jurisdiction that are listed under the Endangered Species Act. In cases where a federal action agency such as the Corps of Engineers determines no effect to listed species, no concurrence from our agency is required. However, I certainly don't foresee any effects to listed species from your project. Good luck!

Jon Kurland
Assistant Regional Administrator for Protected Resources
NOAA Fisheries, Alaska Region



The Association of Village Council Presidents
Regional Housing Authority
PO Box 767
405 Ptarmigan Road
Bethel, Alaska 99559

Main # (907)-543-3121 Fax (907)-543-3933 Toll Free (800)-478-4687

July 22, 2016

National Marine Fisheries Service
Protected Resources Division and Habitat Conservation Division
222 West 7th Ave., Box 43
Anchorage, Alaska 99513

Re: Construction of 2 Single Family Units; Relocation of 12 Single Family Units; and Future Development at Mertarvik, Alaska.

To whom it may concern,

The Association of Village Council Presidents Regional Housing Authority (AVCP RHA) is the Tribally Designated Housing Entity (TDHE) for the Newtok Village Council to plan and implement an Indian Housing Plan with funding from the Native American Housing Assistance and Self-Determination Act (NAHASDA).

AVCP RHA is working to establish the Environmental Review Record (ERR) for the relocation project. The project includes construction of 2 single family units and relocation of 12 single family unit from Newtok to Mertarvik. Mertravik site was selected by the village to move the current village to escape the serious threat of erosion facing the village of Newtok. A current map of the proposed new village is enclosed for your review.

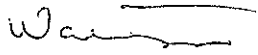
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The community has been working, with numerous federal and state agencies, for the last 20 to 30 years to relocate to another site. The community has no other land available to relocate the community. The land has been eroding to the point that it is now dangerously close to the existing house structures. The community got U.S. congressional support to swap land between the federal government and the village corporation so the village can relocate to higher and dryer ground and is not facing erosion. That land is now called Mertarvik. The new village site is located on elevation higher than the river at Nelson Island. The Newtok Village Council reviewed the listed species believed to or known to occur in Alaska from the USFWS ECOS web site and determines the project has no effect on the listed 12 species. The form is attached/

The Newtok Village Council is requesting concurrence with this determination from the National Marine Fisheries Service.

If you have any questions contact me at (907) 543-1323.

Sincerely,

A handwritten signature in dark ink, appearing to read "Walter Jim", with a horizontal line extending from the end of the signature.

Walter Jim
Development Planner
AVCP Regional Housing Authority
P.O. Box 767
Bethel, Alaska 99559

STATE

ADL No. 230403 SEE DETAIL

COASTLINE FROM JUNE 2005 AERIAL MAPPING

SEC. 31 T. 9 N., R. 86 W.

SEC. 32 T. 8 N., R. 87 W.

S 87°33'38" W 18745.73'

N 89°56'59" W 20220.77' WEST 20219.76 (BLM REC)

BLM MONUMENT SEARCHED FOR BUT NOT FOUND. UNABLE TO RESET DUE TO COASTAL EROSION.

COASTLINE FROM JUNE 2005 AERIAL MAPPING

PROPOSED VILLAGE SITE NEWTOK NATIVE CORPORATION

YUKON DELTA NATIONAL WILDLIFE REFUGE

NELSON ISLAND

1978
FND. 3 1/4" ALUM. CAP
0.8" ABOVE GROUND
ON ALUM. ROD
BLM TRIANGLE 6.7" HTH.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
5341235

WCMC1

34

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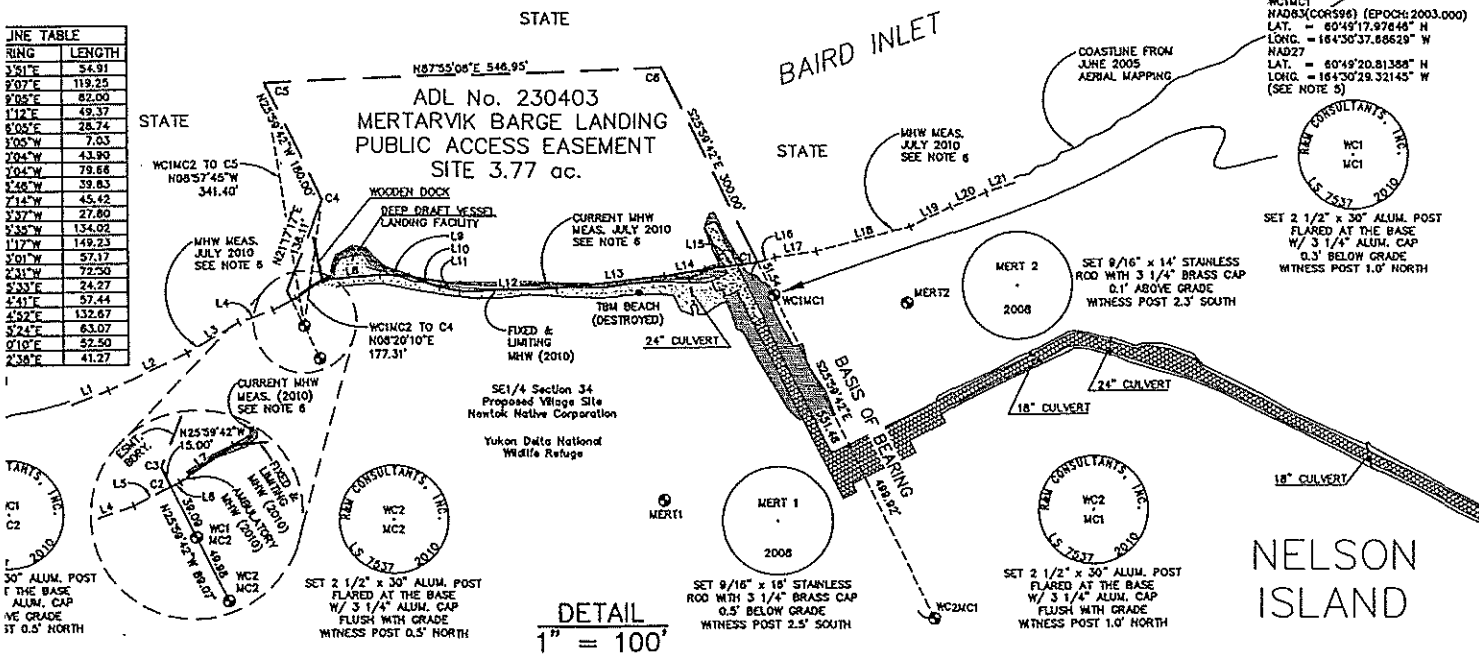
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JNE TABLE	
RING	LENGTH
3'81"E	54.91
2'07"E	119.25
2'05"E	82.00
1'12"E	49.37
2'05"E	28.74
3'05"W	7.63
2'04"W	43.90
2'04"W	79.66
1'48"W	39.83
2'14"W	45.42
3'37"W	27.80
1'35"W	134.02
1'13"W	149.23
3'01"W	57.17
2'31"W	72.50
2'33"E	24.27
4'41"E	57.44
4'52"E	132.67
5'24"E	63.07
0'10"E	52.50
0'18"E	41.27



1. This survey does not constitute a subdivision as defined by AS 42.15.900(5)(A).
2. The error of closure for this survey is not greater than 1:5000.
3. All bearings shown are true bearings as oriented to the Basis of Bearings and distances shown are reduced to horizontal field distances.
4. The Basis of Bearing on this plot was determined by a high precision Javad Trimble 1 GPS survey, differentially corrected and processed with Trimble Geomatics Software. The measured mean geodetic bearing between WC1MCI and WC2MCI was held fixed.
5. Geographic coordinates are based on OPUS solutions for WC1MCI. Two 4-hour observations were performed and then used to derive NAD83 (GCRS88) (EPOCH:2005) geographic coordinates are OPUS derived. NAD27 geographic coordinates are converted from NAD83 using NAD27 version 2.11.
6. Mean High Water was determined through field observations. A NOAA accepted digital bubbler water level gauge (Water Log M-355) was used to collect water level data between June 10 and June 18, 2008 at the Marlowek Barge Landing Site. Data were computed using the NOAA method of Simulations. Comparisons between the permanent NOAA Tide Station at SL Ptacek line (Village Code 946-4212) and the Marlowek gauge. Temporary Bench Mark (TBM) "BEACH", a 3/4" aluminum rod driven to refusal, was established with a MLW elevation of 9.35 feet through direct leveling from the gauge outlet. Elevations were transferred from TBM BEACH, using differential leveling, to stations "MERT1" and "MERT2". Shoreline topography and bathymetry was measured in July 2010, holding MERT2 only. MERT 1 Elevation = 30.31'
MERT 2 Elevation = 27.55'
TBM BEACH Elevation = 9.35'
The TBM "BEACH" has since been destroyed)
7. The Mean High Water line shown here is established at MLWL elevation 0.0, some 1000's of feet from the Marlowek Barge Facility were built before survey measurements were performed. In those areas where no survey was performed, the MHW is established at that location just inside the 2005 aerial mapping "shoreline". This location is consistent in it's relationship to the Russian KHW line.

7. Section Lines are protected: all protected lines shown are constrained at BLM SC 3435 and related to BLM WCMC SC. 31, T9N, R86W, S3M.
8. No boundaries of record exist adjacent to this survey.
9. This As-built represents a post construction survey of AGL 200404. It is intended to depict that portion of the permit that pertains to state land and is not to be presumed to plat or dedicate those portions pertaining to non-state lands. This plat is intended to be used to re-establish boundaries and except as indicated, no encroachments exist within the permitted area.
10. All Position values shown were constrained to the NGS network.

- ✱ RECOVERED BLM MONUMENT
- ✱ BLM MONUMENT OF RECORD
- SET 3/4" ALUM. ROD TEMPORARY BENCH MARK
(SINCE DESTROYED BY CONSTRUCTION)
- ⊙ SET PRIMARY MONUMENT (SEE DESCRIPTIONS)

———— SECTION LINES SURVEYED

— — — SECTION LINES UNSURVEYED

	RIPRAP
	PLASTIC MATTING ON ROCK FILL
	COARSE ROCK/SLOPE PROTECTION
	CONCRETE MATTING ON ROCK FILL
	GRAVEL

I hereby certify that I am a
practicing land surveyor in U
represent a survey made by
that the monuments shown he
that all dimensions and all

William D. Cohen
William D. Cohen, L.S. 753

BETHSEL
DOY
10/1 2013
DATE
1:05 P.M.
TIME

Diagram illustrating the conversion of 1 meter to feet and acres:

1 METER = 3.28 FEET
1.196 ACRES

DATE OF SURVEY Beginning: 6/9/08 Ending: 7/27/10	
STATE DEPARTMENT OF DIVISION OF MINERAL AND LAND CONSERVATION	
GTE	RECORD OF: 1) MERTAF 2) BARGE
	MERTARVIK I PUBLIC A Li UNSURE TOWNSHIP 9 N SEWARD 1 CONTAIN
BETHEL RE	
DRAWN BY: RHB DATE: 10/6/10	DNR AF WLB STATE

HORIZONTAL CONTROL

Coordinate System:
This project is located entirely within the surface grid coordinate system, expressed by the Alaska Department of Transportation.

Basis of Coordinates:
The Basis of Coordinates is MERT 4, located at the existing barge landing and roadway, coordinates of 50,000,0000' N. and 30,000,0000' E.

Basis of Bearings:
Project bearings are NAD83 (GRS96) (EPN Zone 8 grid bearings, MERT 2 bears N 03° 2,973.84 U.S. Survey Feet from MERT 4. M 52,968.6229' N. and 29,822.5065' E.

Translation Parameters:
To convert the local Mertarvik coordinates (2003) Alaska State Plane, Zone 8, coordinates; translate using +2,442,332.0315' N., using 0.98997118722.

VERTICAL CONTROL

The Vertical Datum is Mean Lower Low Water (MLLW) established by R&M Consultants, Inc. leveling methods.

MLLW = 0.00
MLW = 0.50
MHW = 4.81
MHHW = 4.96

The Basis of Vertical Control is MERT 2, a (MLLW) established by R&M Consultants, Inc. leveling methods.

Project Control was established by a difference (Point No. 2) through MERT 1 (Point No. 708).

NAVD83(GEOID06) elevations can be obtained from the MLLW elevation.

NOTES

- The field survey was performed by R&M between July 2, and July 6, 2012. R&M field book No. 1765.01, pages 1.
- All dimensions shown hereon are in U.S. feet.
- Reference: Survey Control Diagram, R&M Landing Site, Recorded as Plat No. 21 Recording District.
- The improvements shown were located by R&M between July 22, and July 2, 2012. It is located in R&M field book No. 158.

2012-36
Plat #
BETHEL
Rec'd by
8/28/12
Date
Time 10:00 A.M.

Bethel
State B
This survey does
as define

STATISTICAL
DEPARTMENT

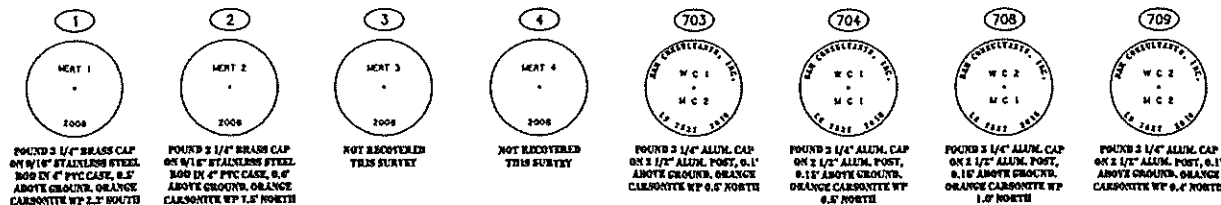
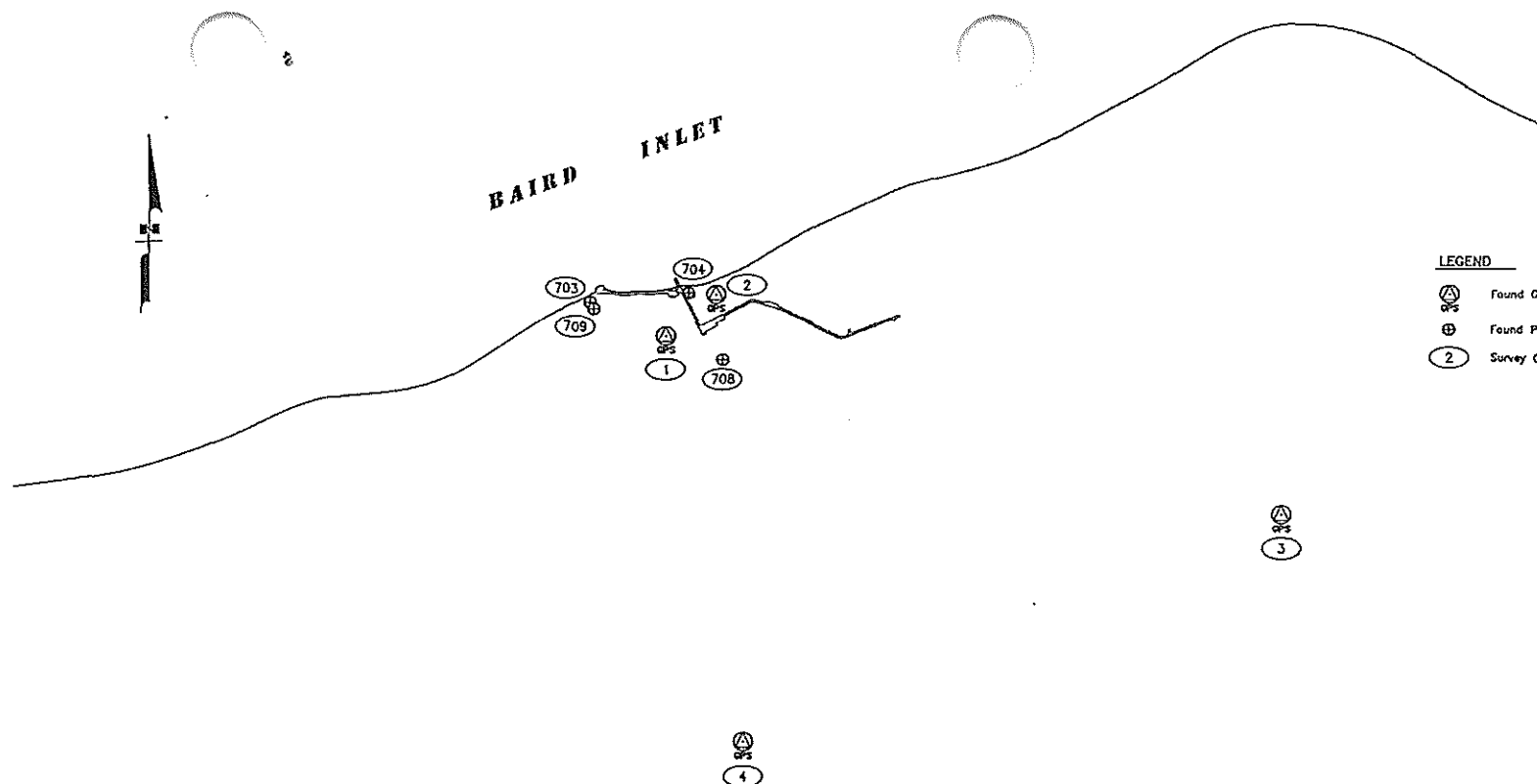
PUE
Survey 1
Reco
AKSAS
Mertarvik Wa
Hydro
Within Section 34, T 9



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, AND THAT THIS DRAWING REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT TO THE EXTENT SHOWN HEREON.

JAMES S. ROHAR 15-6095 DATE 08/22/12

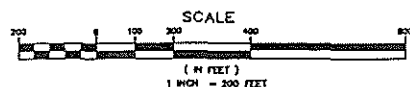


HORIZONTAL CONTROL POINTS

Point	Northing	Easting	Elevation	Description
1	52688.1151	29495.4425	30.53	Fd BC/SSR(R&M) MERT 1
2	52968.6229	29822.3066	27.55	Fd BC/SSR(R&M) MERT 2
3	51504.6213	33547.2470	162.64	Fd BC/SSR(R&M) MERT 3
4	50000.0000	30000.0000	320.23	Fd BC/SSR(R&M) MERT 4
703	52919.4761	28994.0271		AM[7537-S]: WC1 MC2
704	52975.3493	29640.4374	16.57	AM[7537-S]: WC1 MC1
708	52531.1010	29869.6945	46.15	AM[7537-S]: WC2 MC1
709	52875.0695	29016.9690		AM[7537-S]: WC2 MC2

VERTICAL CONTROL POINTS

Point	Northing	Easting	Elevation	Description
2	52969	29822	27.55	Fd BC/SSR(R&M) MERT 2
704	52975	29640	16.57	AM[7537-S]: WC1 MC1
708	52531	29870	46.15	AM[7537-S]: WC2 MC1

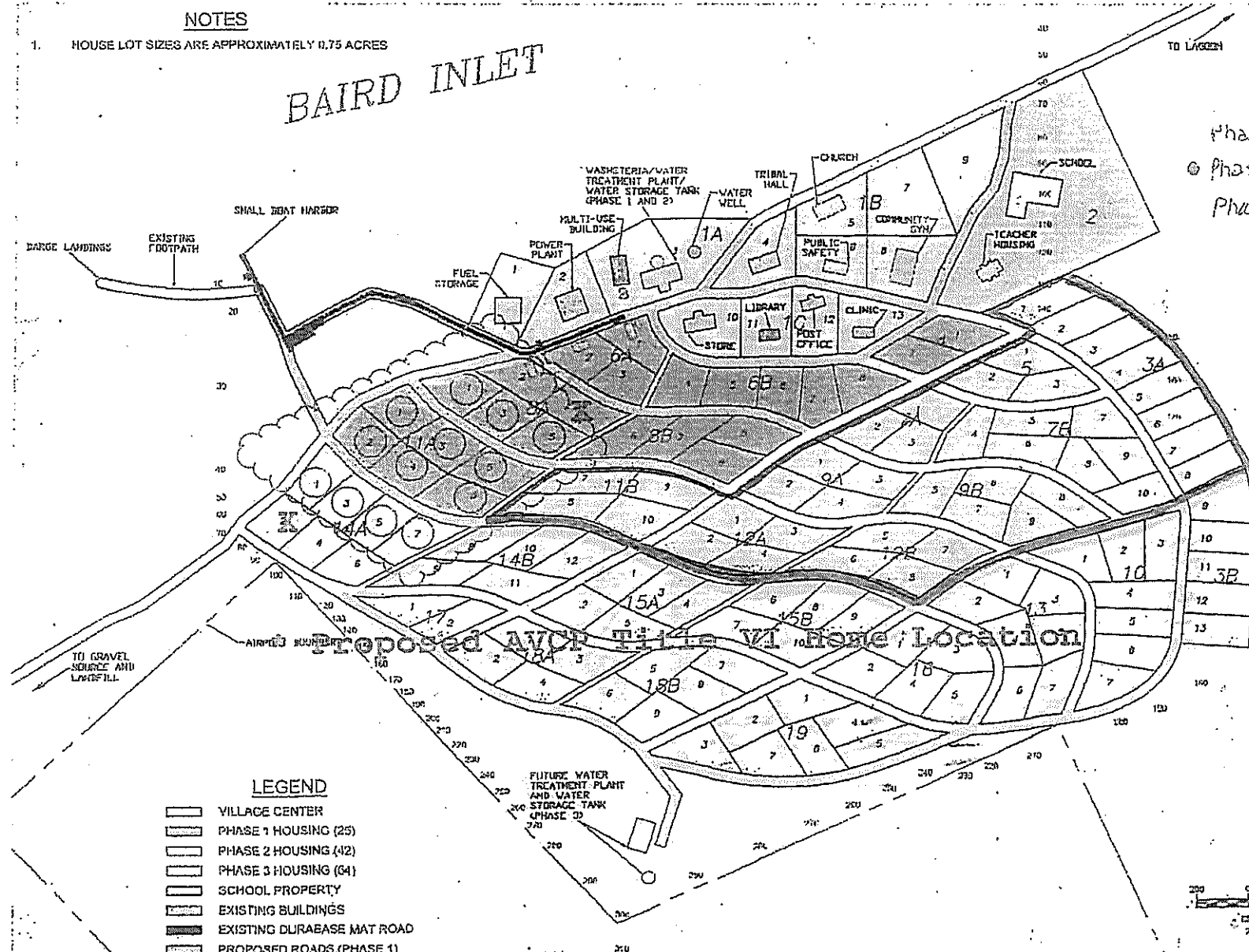


NOTES

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET

Phase I
Phase II
Phase III



LEGEND

- VILLAGE CENTER
- PHASE 1 HOUSING (25)
- PHASE 2 HOUSING (42)
- PHASE 3 HOUSING (64)
- SCHOOL PROPERTY
- EXISTING BUILDINGS
- EXISTING DATABASE MAT ROAD
- PROPOSED ROADS (PHASE 1)

GRAPHIC SCALE IN FEET
2 FOOT CONTOUR MAP



NOAA FISHERIES
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

ALASKA REGIONAL OFFICE

ONLINE SERVICES FISHERIES PROTECTED RESOURCES HABITAT NEWS GRANTS ABOUT US



[Home](#)

Protected Resources

The Protected Resources Division (PRD) is responsible for implementing marine mammal conservation and recovery programs under the Marine Mammal Protection Act (MMPA) and the Endangered Species Act (ESA) in close coordination with the State of Alaska and other partners.

PRD develops and implements conservation programs for marine mammals including whales, ice seals, harbor seals, northern fur seals, and Steller sea lions; develops and implements recovery programs for threatened and endangered species including Cook Inlet beluga whales, bowhead whales, North Pacific right whales, western Steller sea lions, and Arctic ringed seals; coordinates the Alaska Marine Mammal Stranding Network to respond to stranded or entangled marine mammals; consults with federal agencies to minimize the effects of proposed actions on threatened and endangered marine mammals and their critical habitat, such as oil and gas development and coastal construction projects; develops and implements co-management agreements with Alaska Native organizations to cooperatively manage subsistence use of marine mammals; works collaboratively with stakeholders to implement guidelines and practices for marine mammal viewing to avoid harassment; conducts reviews to determine if species warrant protection under the ESA or if ESA-listed species no longer need such protection; and analyzes interactions between marine mammals and commercial fisheries to minimize adverse effects.

How Do I?

- View marine mammals from a safe distance?
- Report injured or entangled marine mammals?
- Report marine mammal harassment?
- Purchase or collect marine mammal parts legally?
- Get a MMPA Authorization Certificate or a Research Permit?



Species Managed

- Steller Sea Lions
- Whales
- Seals
- Porpoises/Dolphins

Additional Species Information

- Seabird Bycatch
- Pinlo Abalone
- Corals
- Herring
- Walrus, Sea Otters, Polar Bears (USFWS)
- Maps



Human Interactions

- Entanglement and Injury
- Permits and Authorizations
- Viewing Marine Mammals
- Buying Marine Mammal Parts and Products
- Marine Mammal and Fisheries Interactions
- Marine Mammal Harassment
- Strandings
- Seabird Bycatch
- Co-management
- Section 7 Consultations and Biological Opinions
- Marine Mammal Observer Program
- Arctic Oil and Gas



Laws and Regulations

- Laws, Acts and Marine Mammal Protections
- Federal Register Rules/Notices

Contact Information

- Staff phone numbers and emails

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This is an official United States government website.
The National Oceanic and Atmospheric Administration's National Marine Fisheries Service is an agency of the U.S. Department of Commerce.



Concepcion, Andy

From: Romero, Mary R POA <Mary.R.Romero@usace.army.mil>
Sent: Friday, July 29, 2016 1:28 PM
To: Concepcion, Andy; Walter Jim; Abraham Palacios; Mark Charlie
Subject: Coordination on projects within Wildlife Refuge info...FW: [EXTERNAL] Re: Mertarvik (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Mary Romero
Project Manager
907.753.2773
USACE Alaska District Regulatory Division CEPOA-RD-NN, North Section/North Branch PO Box 6898
JBER, Alaska 99506
* We want your feedback! Take the survey: http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0

-----Original Message-----

From: Stahlnecker, Kenneth [mailto:kenneth_stahlnecker@fws.gov]
Sent: Friday, July 22, 2016 11:07 AM
To: Romero, Mary R POA <Mary.R.Romero@usace.army.mil>
Spencer Rearden <spencer_rearden@fws.gov>
Subject: Re: [EXTERNAL] Re: Mertarvik (UNCLASSIFIED)

Hi Mary,

We were able to look into this matter, as we indicated on our phone call, and we confirmed that Yukon Delta National Wildlife Refuge does not have any further permitting requirements for this project.

Thanks for your help.

Ken

Ken Stahlnecker

Refuge Manager
Yukon Delta NWR
PO Box 346
Bethel, Alaska 99559
907-543-1002 - Office
907-545-2434 - Cell
907-543-4413 - Fax

On Wed, Jul 20, 2016 at 8:58 AM, Romero, Mary R POA <Mary.R.Romero@usace.army.mil>
[mailto:Mary.R.Romero@usace.army.mil] > wrote:

Hi Spencer,

I did receive this BLM conveyance paperwork from HUD. Does this have any relevance in the matter? I am not familiar with these types of documents but maybe it has been conveyed and it is no longer an NWR coordination issue?

Thanks,

Mary Romero

Project Manager

907.753.2773

USACE Alaska District Regulatory Division

CEPOA-RD-NN, North Section/North Branch

PO Box 6898

JBER, Alaska 99506

* We want your feedback! Take the survey: [Blockedhttp://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0](http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0)

-----Original Message-----

From: Rearden, Spencer [mailto:spencer_rearden@fws.gov <mailto:spencer_rearden@fws.gov>]

Sent: Wednesday, July 20, 2016 8:23 AM

To: Cooper, Douglass <douglass_cooper@fws.gov <mailto:douglass_cooper@fws.gov> >

Cc: Romero, Mary R POA <Mary.R.Romero@usace.army.mil <mailto:Mary.R.Romero@usace.army.mil> >;

Concepcion, Andy <andy.concepcion@hud.gov <mailto:andy.concepcion@hud.gov> >; Abraham Palacios

<Abraham_Palacios@avcphousing.org <mailto:Abraham_Palacios@avcphousing.org> >; Mark Charlie

<mark@avcphousing.org <mailto:mark@avcphousing.org> >; Zachares, Bill <bill.zachares@hud.gov

<mailto:bill.zachares@hud.gov> >; Vernon Born <vernon_born@fws.gov <mailto:vernon_born@fws.gov> >; Kenneth
Stahlnecker <kenneth_stahlnecker@fws.gov <mailto:kenneth_stahlnecker@fws.gov> >

Subject: [EXTERNAL] Re: Mertarvik (UNCLASSIFIED)

I do not believe that there has been any discussions over this project at Yukon Delta NWR. As far as I know, we are unaware of any planned activities near Newtok.

On Tue, Jul 19, 2016 at 3:59 PM, Cooper, Douglass <douglass_cooper@fws.gov <mailto:douglass_cooper@fws.gov> <mailto:douglass_cooper@fws.gov> <mailto:douglass_cooper@fws.gov> > > wrote:

Hi All,

It does sound like there is some confusion over which Federal agency is responsible for what. My email to Walter Jim was in response to his (and ultimately HUD's) determination that the project would have "No Effect" on any federally threatened or endangered species. In cases where a Federal agency makes a "No Effect" determination, there is no further action taken under the Endangered Species Act (ESA). The Federal agency that has made that determination is taking full responsibility for the project under the ESA, and the US Fish and Wildlife Service has no further involvement under that law. However, this does not address other Federal laws and regulations, such as the Migratory Bird Treaty Act or the Marine Mammal Protection Act. I also does not address any coordination and/or approval needed for activities on other Federal property, such as National Wildlife Refuge (NWR) Lands. Typically, a NWR issues a Special Use Permit (SUP) when activities are to occur on their lands. I assume there has been coordination with our Refuge folks with the Yukon-Delta NWR? I have copied one of the NWR biologists on this email to see if he has any knowledge of such coordination.



Yukon Delta

National Wildlife Refuge | Alaska



About the Refuge

Alaska's two largest rivers, the Yukon and the Kuskokwim, flow across the refuge and are the primary architects of the refuge's landscape.

FEATURES



Youth in the Great Outdoors

Are you interested in pursuing a career in the outdoors? Visit [YouthGo.gov](https://youthgo.gov) to find out more information on how to get involved.

[YouthGo.gov \(https://youthgo.gov/\)](https://youthgo.gov/)

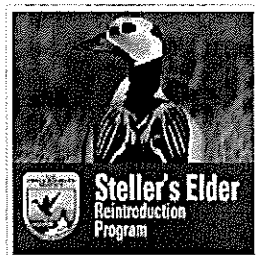


Words of Wisdom

"The joy of living is his who has the heart to demand it" - Theodore Roosevelt

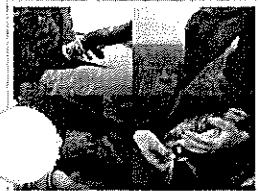
CONSERVATION NEWS

[Return of the Steller's Eider \(https://www.facebook.com/pages/Stellers-Eider-Y-K-Delta-Reintroduction-Program/617455034968389\)](https://www.facebook.com/pages/Stellers-Eider-Y-K-Delta-Reintroduction-Program/617455034968389)



The Steller's Eider Reintroduction Program is proposing to release captive-raised individuals of this beautiful masked seabird to the Yukon-Kuskokwim Delta.

[Report Banded Birds \(http://www.pwrc.usgs.gov/bbl/\)](http://www.pwrc.usgs.gov/bbl/)



Have you seen a bird with bling? Biologists use reports of band observations to study many aspects of bird ecology including survival and dispersal. You can help by reporting sightings of banded or marked birds.

[National Wildlife Refuge System \(aboutNWRS.html\)](#)

The National Wildlife Refuge System, within the U.S. Fish and Wildlife Service, manages a national network of lands and waters set aside to conserve America's fish, wildlife, and plants.

REFUGE UPDATES

[Kuskokwim River Daily Update](#)

[\(/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html\)](/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html)

This update provides current information regarding this years salmon run, fishing regulations, and message from our law enforcement

[Final Regulatory Changes \(https://www.fws.gov/alaska/nwr/ak_nwr_pr.htm\)](https://www.fws.gov/alaska/nwr/ak_nwr_pr.htm)

The Service Publishes a Final Rule on the Non-Subsistence Take of Wildlife for Alaska National Wildlife Refuge Regulations. The rule was developed in response to public interest and concern about predator control and recent liberalization of predator harvest within the State of Alaska. The final rule will become effective on September 6, 2016.

[Spectacled Eider](#)

[http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=Bo8Z\)](http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=Bo8Z)

This threatened species that spends its entire life within the bounds of the Bering Sea is one of the most unique species of waterfowl nesting on the Yukon-Kuskokwim Delta.

[Learn more \(http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=Bo8Z\)](http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=Bo8Z)

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Last Updated: Aug 04, 2016



[U.S. Fish & Wildlife Service](#)

[National Wildlife Refuge System](#)

[Notices](#)

[Accessibility](#)

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[FOIA](#)

[Department of the Interior \(http://www.doi.gov/\)](http://www.doi.gov/)

[USA.gov \(http://www.usa.gov/\)](http://www.usa.gov/)

WILD AND SCENIC RIVERS



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Wild and Scenic Rivers Act of 1968

Environmental Record Determination

Proposed project is not located within proximity to a listed river and will have no effect.

Source Documentation

- Nationwide Rivers Inventory for Alaska Wild and Scenic River systems.



[HOME](#) | [NATIONAL SYSTEM](#) | [MANAGEMENT](#) | [RESOURCES](#) | [PUBLICATIONS](#) | [CONTACT US](#) | [KID'S SITE](#) |

S

ALASKA

Alaska has approximately 365,000 miles of river, of which 3,210 miles are designated as wild & scenic—less than 1% of the state's river miles.

Alagnak River
Alatna River
Andreafsky River
Aniakchak River
Beaver Creek
Birch Creek
Charley River
Chilikadrotna River
Delta River
Fortymile River
Gulkana River
Ivishak River
John River
Kobuk River
Koyukuk River (North Fork)
Mulchatna River
Noatak River
Nowitna River
Salmon River
Selawik River
Sheenjek River
Tinayguk River
Tlikakila River
Unalakleet River
Wind River

Choose A State ▼	Go
Choose A River ▼	Go

*What is it about Alaska's rivers that call to us?
The mystic of wilderness? The thrill of
exploration? The sheer immensity of the
landscape?*

[NATIONWIDE RIVERS INVENTORY](#) | [KID'S SITE](#) | [CONTACT US](#) | [PRIVACY NOTICE](#) | [Q & A SEARCH ENGINE](#) | [SITE MAP](#)

Designated Rivers

About WSR Act
State Listings
Profile Pages

National System

WSR Table
Study Rivers
Stewardship
WSR Act Legislation

River Management

Council
Agencies
Management Plans
GIS Mapping

Resources

Q & A Search
Bibliography
Publications
GIS Mapping
Logo & Sign Standards
Display

FARMLAND PROTECTION



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Farmland Protection Policy Act

Environmental Record Determination

- No unique farmlands have been designated in Alaska
- No farmlands of statewide importance have been designated in Alaska

Source Documentation

- USDA National Resources Conservation Service Alaska Prime and Important Farmlands website.

Soils

Soil Health

Soil Surveys

Prime and Important Farmlands

Prime and important farmland includes all land that is defined as prime, unique, and farmlands of statewide or local importance.

Alaska's Soil of Local Importance Fact Sheet

Prime Farmland

Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops, and is also available for these uses (the land could be cropland, pastureland, rangeland, forest land, or other land, but not urban built-up land or water). The soils are of the highest quality and can economically produce sustained high yields of crops when treated and managed according to acceptable farming methods.

Very specific technical criteria were established by Congress to identify prime farmland soils. In general, the criteria reflects adequate natural moisture content; specific soil temperature range; pH between 4.5 and 8.4 in the rooting zone; low susceptibility to flooding; low risk to wind and water erosion; minimum permeability rates; and low rock fragment content.

There are no prime farmlands in Alaska since our soil temperatures do not meet the threshold established by Congress.

Unique Farmland

Unique Farmland is land other than prime farmland that has a special combination of unique characteristics needed to economically produce sustained high yields of a specific crop. Specific examples are bog soils used for cranberry production in the Northeast, and manipulated lava fields used for macadamia nut production in Hawaii.

No unique farmlands have been designated in Alaska.

Farmland of Statewide Importance

This is land, in addition to prime and unique farmland, that is of statewide importance for the production of food, feed, fiber, forage, and oil seed crops. Criteria for defining and delineating this land are to be determined by the appropriate state agency or agencies. Generally, additional farmlands of statewide importance include those that are nearly prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some may produce as high a yield as prime farmlands if conditions are favorable. In some states, additional farmlands of statewide importance may include tracts of land that have been designated for agriculture by state law.

No farmlands of statewide importance have been designated in Alaska.

Farmland/Soil of Local Importance

In some local areas, there is concern for certain additional farmlands for the production of food, feed, fiber, forage, and oilseed crops, even though these lands are not identified as having national or statewide importance. Where appropriate, these lands are to be identified by the local agency or agencies concerned. In places, additional farmlands of local importance may include tracts of land that have been designated for agriculture by local ordinance.

The Fairbanks Soil and Water Conservation District (SWCD), the Matanuska-Susitna Borough and the Kenai and Homer Soil and Water Conservation Districts have adopted criteria for Farmlands/Soils of Local Importance for lands within their jurisdictional boundaries. Criteria encompasses all soils in Land Capability Classes 2 and 3, and those soils in Land Capability Class and Subclass 4c.

Soils of Local Importance (within the Matanuska-Susitna Borough and the Matanuska-Susitna Valley Area Soil Survey)

Soils of Local Importance (within the Matanuska-Susitna Borough and the Yentna Area Soil Survey)

Soils of Local Importance (within the Fairbanks SWCD and the Greater Fairbanks, Greater Nenana,

Fort Wainwright, North Star, and Totchaket Soil Surveys)
Criteria for Soils of Local Importance

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CLEAN AIR ACT



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Clean Air Act

Environmental Record Determination

Metarvik is not located in a nonattainment area

Source Documentation

- Current Nonattainment Counties for All Criteria Pollutants



Green Book Nonattainment Areas

Current Nonattainment Counties for All Criteria Pollutants

As of June 17, 2016

The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

[View Notes](#)

Listed by State, County, NAAQS * Part County NA NAA Area Name (Classification, if applicable)

ALABAMA

Pike Co

Lead (2008) * Troy, AL

ALASKA

Fairbanks North Star Borough

PM-2.5 (2006) * Fairbanks, AK - (Moderate)

ARIZONA

Cochise Co

PM-10 (1987) * Paul Spur/Douglas (Cochise County), AZ - (Moderate)

Gila Co

Lead (2008) * Hayden, AZ

PM-10 (1987) * Hayden, AZ - (Moderate)

PM-10 (1987) * Miami, AZ - (Moderate)

Sulfur Dioxide (2010) * Hayden, AZ

Sulfur Dioxide (2010) * Miami, AZ

Maricopa Co

PM-10 (1987) * Phoenix, AZ - (Serious)

8-Hr Ozone (2008) * Phoenix-Mesa, AZ - (Moderate)

Pima Co

PM-10 (1987) * Ajo (Pima County), AZ - (Moderate)

PM-10 (1987) * Rillito, AZ - (Moderate)

Pinal Co

Lead (2008) * Hayden, AZ

PM-10 (1987) * Hayden, AZ - (Moderate)

PM-10 (1987) * Phoenix, AZ - (Serious)

PM-10 (1987) * West Pinal, AZ - (Moderate)

PM-2.5 (2006) * West Central Pinal, AZ - (Moderate)

Sulfur Dioxide (1971) * Hayden (Pinal County), AZ

Sulfur Dioxide (2010) * Hayden, AZ

8-Hr Ozone (2008) * Phoenix-Mesa, AZ - (Moderate)

Santa Cruz Co

PM-10 (1987) * Nogales, AZ - (Moderate)

PM-2.5 (2006) * Nogales, AZ - (Moderate)

Yuma Co

PM-10 (1987) * Yuma, AZ - (Moderate)

CALIFORNIA

Alameda Co

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)

8-Hr Ozone (2008) San Francisco Bay Area, CA - (Marginal)

Butte Co

PM-2.5 (2006) * Chico, CA - (Moderate)

8-Hr Ozone (2008) Chico (Butte County), CA - (Marginal)

Calaveras Co

8-Hr Ozone (2008) Calaveras County, CA - (Marginal)

Contra Costa Co

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)

8-Hr Ozone (2008) San Francisco Bay Area, CA - (Marginal)

ENVIRONMENTAL JUSTICE



U.S. Department of Housing and Urban Development
Region X – Anchorage Field Office
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503-3914
www.hud.gov/local/anc

Memorandum to File

Environmental Justice

Environmental Record Determination

Project is not likely to raise environmental justice issues. Proposed housing development sites are being developed so that they will not be located in areas that have a new, continued or historically disproportionate potential for high and adverse effects on minority or low-income populations; and that do not suffer from disproportionate adverse health and environmental effects relative to the community at large.

Source Documentation

- Environmental Protection Agency Environmental Justice Program



Environmental Justice

Environmental Justice Blog and ListServ

Check out the **Environmental Justice Blog** for stories about advancing EJ across the country. Also, subscribe to the **EJ ListServ** for up-to-date information about upcoming meetings, funding opportunities, events, and other EJ topics.

1 2 3 4

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.



EPA has this goal for all communities and persons across this nation. It will be achieved when everyone enjoys:

the same degree of protection from environmental and health hazards, and equal access to the decision-making process to have a healthy environment in which to live, learn, and work.

EJSCREEN

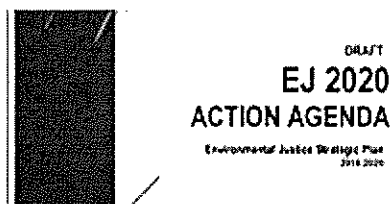
Check out EPA's environmental justice screening and mapping tool today!

Enter a location:





Learn about the National Environmental Justice Advisory Council (NEJAC).



Read about EPA's EJ 2020 Action Agenda, EPA's strategic plan for advancing environmental justice.



Learn about Environmental Justice in Your Community.



Find grants and resources, including technical assistance programs, training, and more.

Learn More About

Environmental Justice

Community Voices on Environmental Justice

Federal Interagency Working Group

Environmental Justice for Tribes and Indigenous Peoples

Equitable Development and Environmental Justice

Environmental Justice and National Environmental Policy Act

Environmental Justice and Title VI of the Civil Rights Act of 1964

EPA's Role in International Human Rights, Rights of Indigenous Peoples, and Environmental Justice



Report a Violation

Report possible violations of environmental laws and regulations.

Last updated on August 19, 2016