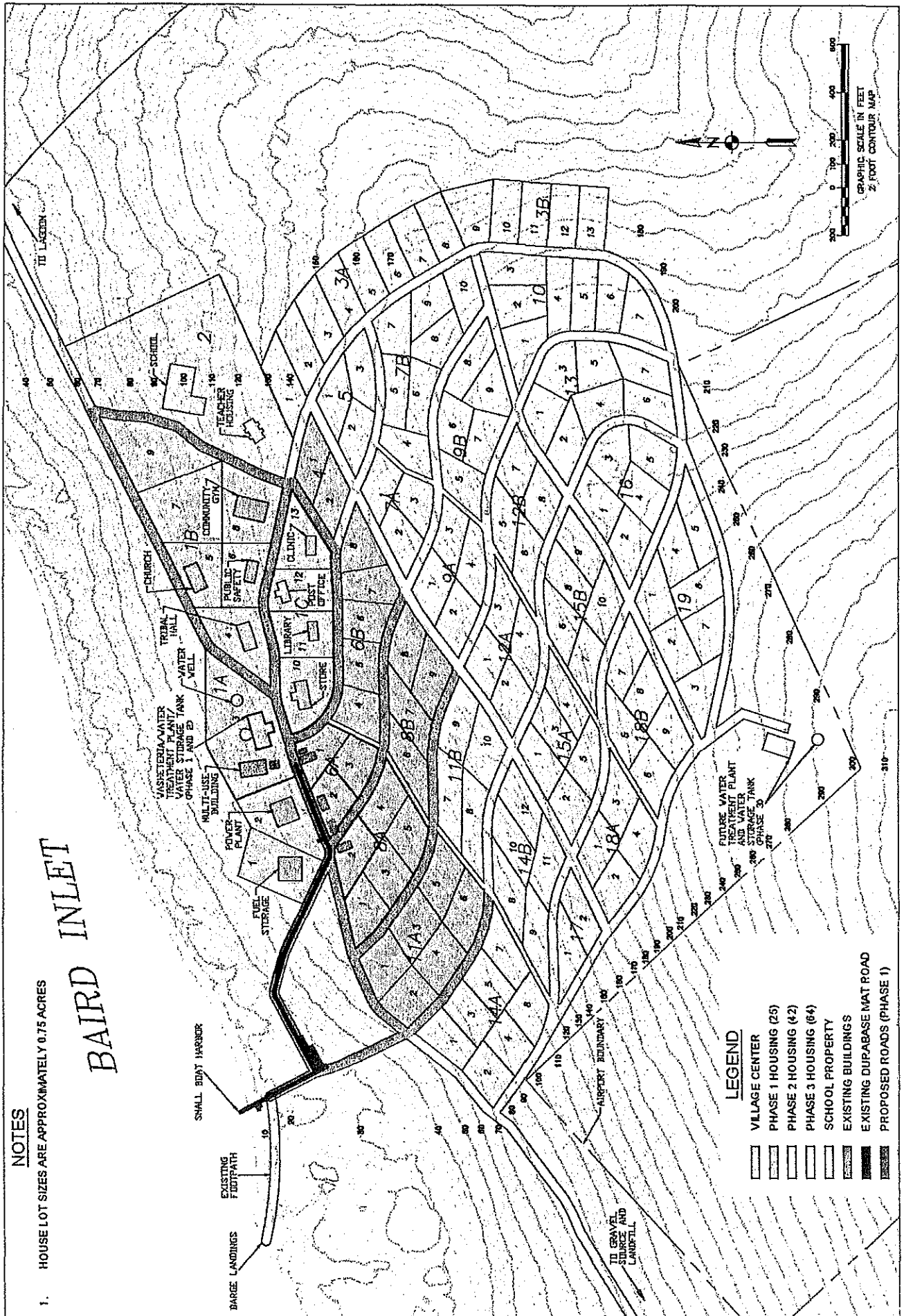


Tipogrify Map









NOTES

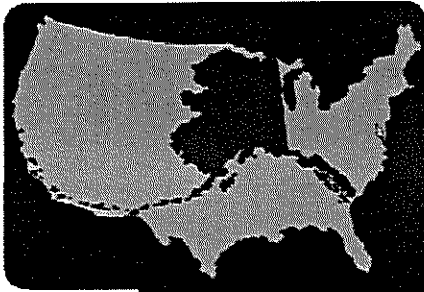
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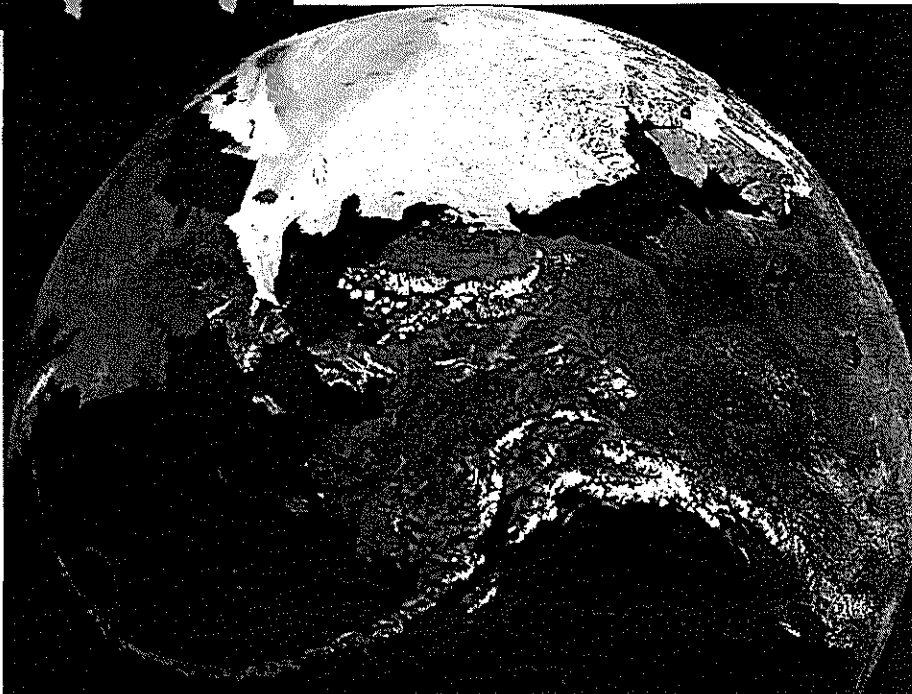


LEGEND

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



Who in Alaska participates in the NFIP?



Aniak, Bethel, Cordova, Delta Junction, Dillingham, Emmonak, Fort Yukon, Galena, Homer, Hoonah, Kotzebue, Koyukuk, Kwethluk, McGrath, Nenana, Nome, Petersburg, Seward, Shishmaref, Togiak, and Valdez

Municipality of Anchorage

Fairbanks North Star Borough

Juneau, City & Borough

Haines Borough

Kenai Peninsula Borough

Ketchikan Gateway Borough

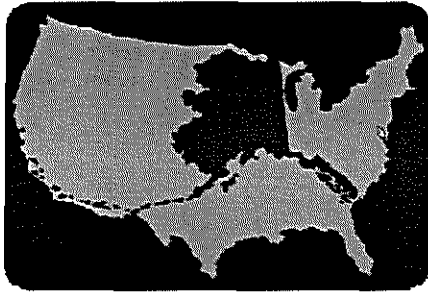
Lake & Peninsula Borough

Matanuska-Susitna Borough

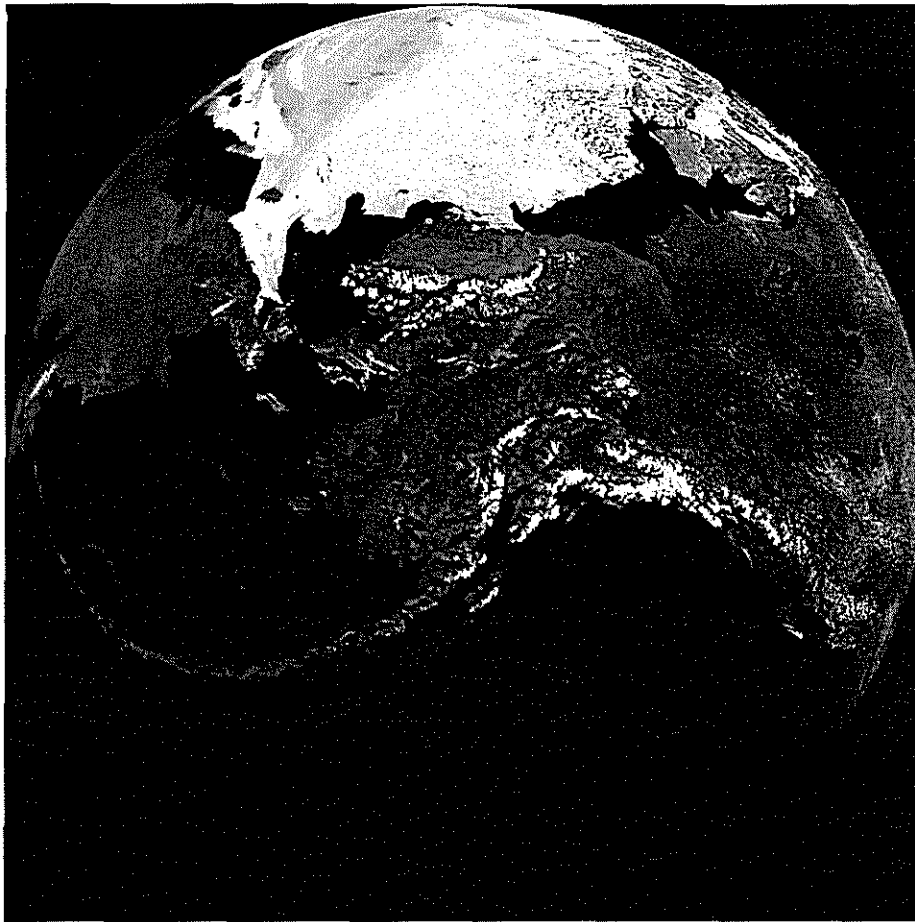
Northwest Arctic Borough

Municipality of Skagway

Sitka City & Borough



Who in Alaska participates in the NFIP?



Sanctioned

City of Kenai

City of Soldotna

SUSPENDED

City & Borough of
Wrangell

** National Flood Insurance is not available in these communities and other programs may be impacted.

Floodplain Management

Checklist for HUD or Responsible Entity

General requirements	Legislation	Regulation
Avoid the adverse impacts associated with the occupancy and modification of floodplains. Avoid floodplain development whenever there are practicable alternatives.	Executive Order 11988, May 24 1977	24 CFR Part 55

1. Is the Project located in a floodway or a 100 or 500-year flood plain?

☐ For projects in areas mapped by FEMA, maintain the FEMA map panel that includes your project site. Make sure to include the map panel number and date. For projects in areas not mapped by FEMA, use the best information available to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site.

- ☒ No: STOP here. The Floodplain Management regulations do not apply. Record your determination that the project is not in a floodplain or floodway.
- ☐ Yes—Floodway. **STOP. The National Flood Insurance Program prohibits federal financial assistance for use in a floodway.** The only exception is for functionally dependent uses, such as a marina, a port facility, a waterfront park, a bridge or a dam. If your project is a functionally dependent use in a floodway, proceed to #3
- ☐ Yes—500-year flood plain (Zone B or X on FEMA maps or best information). **PROCEED to #2**
- ☐ Yes—100 Year flood plain (Zone A or V on FEMA maps or best information). **PROCEED to #3**
- ☐ Yes—Flood prone area. **PROCEED to #3**

2. For projects in the 500-year flood plain: Does your project involve a critical action, defined as an activity for which even a slight chance of flooding would be too great because it might result in loss of life, injury or property damage? Specific examples include:

- Structures or facilities that produce, use or store highly volatile, flammable, explosive, toxic or water-reactive materials.
- Structures or facilities that provide essential and irreplaceable records or utility or emergency services that may become lost or inoperative during flood and storm events (e.g., data storage centers, generating plants, principal utility lines, emergency operations centers including fire and police stations, and roadways providing sole egress from flood-prone areas).
- Structures or facilities that are likely to contain occupants who may not be sufficiently mobile to avoid loss of life or injury during flood or storm events, e.g. persons who reside in hospitals, nursing homes, convalescent homes, intermediate care facilities, board and care facilities, and retirement service centers. Housing for independent living for the elderly is not considered a critical action.

- ☐ No: STOP here. The project can proceed without further analysis. Record your determination and attach flood plain map and documentation that project does not involve a critical action.
- ☐ Yes: PROCEED to #3

3. Does your project meet one of the categories of proposed action for which the floodplain management regulations do not apply?

(Below are several common exemptions--please see 24 CFR 55.12 for additional categories of proposed action)

- Financial assistance for minor repairs or improvements on one-to-four-family properties that do not meet the thresholds for 'substantial improvement' under 55.2 (b)(8). HUD defines substantial improvement as any repair, reconstruction, modernization or improvement of a structure, the cost of which equals or exceeds 50% of the market value before the improvement (and before any damage occurred.)

- A minor amendment to a previously approved action with no additional adverse impact on or from a floodplain.
- Approval of a project site, an incidental portion of which is situated in an adjacent floodplain, but only with certain further conditions (see 24 CFR 55.12(c)(6)).
- A project on any site in a floodplain for which FEMA has issued a final Letter of Map Amendment or Letter of Map Revision that removed the property from a FEMA-designated floodplain location.
- A project on any site in a floodplain for which FEMA has issued a conditional LOMA or LOMR if the approval is subject to the requirements and conditions of the conditional LOMA or LOMR.

☐ **Yes:** Stop here. Record your determination that the project is exempt from floodplain management regulations per 24 CFR 55.12. Maintain copies of all of the documents you have used to make your determination.

Please note that you may still have to maintain flood insurance on the project per the Flood Disaster Protection Act.

☐ **No: Reject Project Site or Request a Letter of Map Amendment or Revision from FEMA or Complete the 8-step decision-making process described in 24 CFR Section 55.20.** Please note that both options take time and resources. The 8-step decision-making process requires two public notice and comment periods. If you find that there are no practicable alternatives to locating the proposal in a floodplain, you must notify any private party participating in a financial transaction for the property of the hazards of the floodplain location before the execution of documents completing the transaction. (24 CFR Section 55.21)

Please note that you must maintain flood insurance on the project per the Flood Disaster Protection Act.

DISCLAIMER: This document is intended as a tool to help HUD Region X grantees and HUD staff complete environmental requirements. This document is subject to change. This is not a policy statement, and the Floodplain Executive Order and Regulations take precedence over any information found in this document.

HISTORIC PRESERVATION



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

National Historic Preservation Act 36 CFR Part 800

Environmental Record Determination

State Historic Preservation letter dated 7/29/16 concurring that a finding of "no historic properties affected" will appropriate for the following project components: Phase I Housing, Phase II Housing and activities planned within the Village Center. SHPO noted that activities should be avoided and protected from project related activities at a known site "XBI-00183".

Source Documentation

- Alaska State Historic Preservation Office Website – National Register of Historic Places Program Search - No results for Metarvik, Alaska
- Archaeological Evaluation of Cultural Resources Around Metarvik, Alaska: Proposed Relocation Site of Netwok, March 2007, US Army Corps of Engineers
- Dept. of National Resources, Office of History & Archaeology letter dated July 29, 2016 and signed by Judith Bittner, State Historic Preservation Officer.

National Park Service U.S. Department of the Interior

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National Register of Historic Places Program: Research

The National Register of Historic Places is the official list of the Nation's historic places worthy of preservation. Authorized by the National Historic Preservation Act of 1966, the National Park Service's National Register of Historic Places is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect America's historic and archeological resources.

Database

National Register of Historic Places Focus Database

We have not yet digitized the following states: Arkansas, Illinois, Massachusetts, Michigan, Missouri, North Carolina, New York, Pennsylvania, Ohio, Texas, and Virginia.

If the file has not been digitized yet you can request a copy from us. Please include the name of the property, the state, and the reference number (or as much information as you know on the property). And e-mail the request to us at: [Reference e-mail](#)

Status of our Collection

We are currently digitizing our records. This has led us to splitting the collection into two parts: 1966-2012 and 2013-present. Records listed from 1966-2012 that have been scanned are in the NRHP Focus Database. Records from 2013 to the present are in our weekly list search page. We will scan all of our records and put them into one source. We recognize and apologize for this inconvenience.

Map

You can see a map and do an address search of non-restricted listed properties in the National Register of Historic Places at:

<https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466>

The map prefers Google Chrome, and doesn't work well in Firefox or Internet Explorer.

To download GIS spatial data, please see the instructions on our [Data Downloads](#) page.

Spreadsheets

The three spreadsheets are current through late September of 2015. While not all nominations have been digitized yet, we provide PDF links for the text and photos for those that have been digitized in our collection which can be reached by clicking on the text or photo spreadsheet cell. **We have not yet digitized the following states: Arkansas, Illinois, Massachusetts, Michigan, Missouri, North Carolina, New York, Pennsylvania, Ohio, Texas, and Virginia.** If you cannot follow a link to the documentation on a property it is because we have not digitized it yet or it is a "restricted" archeological site.

Listed properties on the National Register (over 90,000)

Spreadsheet of NRHP List

National Historic Landmarks

Spreadsheet of NHLs

Multiple Cover Documents in the National Register

Spreadsheet of Multiple Property Covers

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The sort order is by state, county and resource name or, in the case of multiples, by state and resource name. Standard spreadsheet navigation tools allow you to go to "Find and Select" in the upper right hand corner of the spreadsheet and using the find utility you can search for keywords such as "Fort". The default search searches all columns but you can restrict a search to a given column by highlighting the column. For example you can search for properties in Fairfax County, Virginia by highlighting the County column and searching for Fairfax.

More spreadsheets on our Data Downloads page.

Additional resources on our site you can use, particularly for finding copies of recent nominations, can be found at

<http://www.nps.gov/nr/feature/places/weeklylistsearch.html>

Many times individual states offer additional digitized information, which can be found at

<http://www.nps.gov/nr/shpoinventories.htm>

Almost two million pages of the PDF text and photos are word searchable in the Advanced Search in Google by going to

www.google.com/advanced_search and limiting the site or domain to the Focus server, <http://focus.nps.gov/nrhp>

and entering your search parameters.

Geographical (GIS) Data

- Now available from our Data_Download page

How to best find:

Multiple Property Covers:

By Name: use our Focus Database and select National Register Multiples (covers) as the "Record Category" or use the MPS spreadsheet to look up the reference number, then use the reference number to search in our Focus Database.

National Historic Landmark Files:

By Name: use our Focus Database and select National Historic Landmark System as the "Record Category" or use the Spreadsheet of NHLs to look up the reference number, then use the reference number to search in our Focus Database.

National Park Service Properties:

Most NPS Properties have been scanned and are in Focus. You can search by Park name.

If an address is listed:

You can do an address search in the spreadsheet and in the weekly list search engine (for new properties). Many properties are within historic districts. You can look for likely districts based on the address field in the spreadsheet. You can also try looking at the GIS data we have.

Determinations of Eligibility:

DOEs have not been scanned. You can download a spreadsheet of Federal DOEs.

About National Register Documentation:

Since its inception in 1966, more than 90,000 properties have been listed in the National Register. Together these records hold information on more than 1.4 million individual resources--buildings, sites, districts, structures, and objects--and therefore provide a link to the country's heritage at the national, state, and local levels.

The Documentation consists of

- National Register registration form, which provides a physical description of the place, information about its history and significance, and a bibliography.
- Photographs - Use of photographs and forms is available under Fair Use, see our Content and Copyright page for more information
- Maps

- Many State Historic Preservation Offices (SHPOs) have digitized their files and put them online. The depth of information available varies from state to state, but ranges from basic locational information to

searchable databases with downloadable narrative descriptions and photos. You can check their websites to see if they have the information you need. List of SHPOs extended information.

Arkansas	New York
California	North Carolina
Colorado	Ohio
Illinois	Oklahoma
Louisiana	Pennsylvania
Massachusetts	Texas
Minnesota	Vermont
	Virginia
Mississippi	Washington
Missouri	West Virginia
Nebraska	Wyoming

• Request copies of individual nominations either via e-mail please include your mailing address and the property name, county, and state. or postal mail:

National Register of Historic Places
National Park Service
1849 C St., NW (MS 2280)
Washington, DC 20240

Please note, due to irradiation of USPS mail in Washington, DC, we recommend sending official correspondence to us by direct or overnight mail at the following address:

1201 Eye St., NW
8th Floor (MS 2280)
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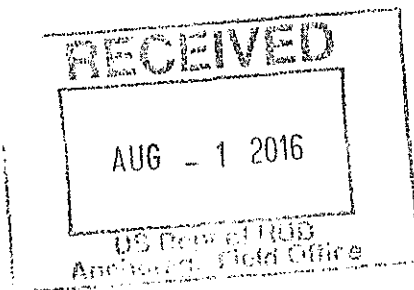
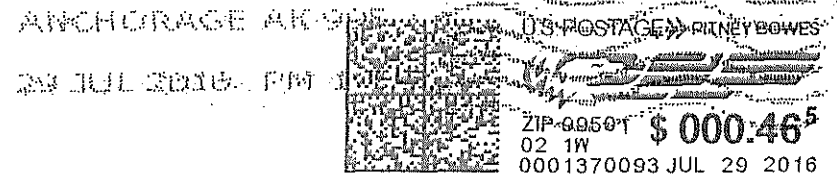
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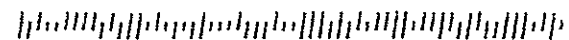
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Alaska Dept of Natural Resources
Office of History and Archaeology
550 West 7th Ave., Suite 1310
Anchorage, AK 99501-3565



William Zachares
Administrator
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

99503- 75





THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Natural Resources

DIVISION OF PARKS & OUTDOOR RECREATION
Office of History & Archaeology

550 West 7th Ave., Suite 1310
Anchorage, Alaska 99501-3565
Main: 907.269.8721
<http://dnr.alaska.gov/parks/oha>

July 29, 2016

File No.: 3130-1R HUD

William Zachares
Administrator
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

Subject: Phase I and II Housing Development and the Village Center Activities located in Mertarvik

Dear Mr. Zachares:

The Alaska State Historic Preservation Office (AK SHPO) received your correspondence and accompanying documentation July 28, 2016. We greatly appreciate the additional, detailed information provided in response to our July 6 letter.

Following our review of the documentation provided, we concur that a finding of **no historic properties affected** is appropriate for the following project components: Phase I Housing, Phase II Housing, and activities planned within The Village Center. One condition, as noted in previous correspondence exchanged regarding the subject project is that one known site – XBI-00183 – be avoided and protected from project-related activities. Please continue to ensure that XBI-00183 is avoided by the current project. If that is not possible, additional consultation with our office will be necessary.

During the construction, should unidentified archaeological resources be discovered in the course of the project, work must be interrupted until the resources have been evaluated in terms of the National Register of Historic Places eligibility criteria (36 CFR 60.4) or the Alaska Landmarks Register in consultation with our office.

Thank you for the opportunity to comment. Please contact Shina duVall at 269-8720 or shina.duvall@alaska.gov if you have any questions or if we can be of further assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Judith E. Bittner".

Judith E. Bittner
State Historic Preservation Officer
JEB:sad



by email: Andy Concepcion, HUD
Science Kilner, FEMA
Sally Cox, State of Alaska Division of Community and Regional Affairs, Department of Commerce,
Community, and Economic Development



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
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JUL 28 2016

Judith E. Bittner, State Historic Preservation Officer
Department of Natural Resources
Division of Parks and Outdoor Recreation
Office of History and Archeology
550 West 7th Avenue, Suite 1310
Anchorage, Alaska 99501-7001

Subject: Letter to The Association of Village Council Presidents Regional Housing Authority
Regarding Phase I/Phase II Housing Development and The Village Center activities
located in Mertarvik, Alaska

Dear Ms. Bittner,

In response to the letter dated July 6, 2016, (enclosed), in which you provided the Association of Village Council Presidents Regional Housing Authority a finding of "no historic properties affected" for the proposed construction of two new single family dwelling units in Mertarvik; the Alaska Office of Native American Programs (AONAP) submits in response the additional information requested to clarify the location of the 12 homes to be relocated and/or future housing development within Phase I and Phase II and the proposed structures within the Village Center.

Pursuant to the regulatory authority found in 24 CFR Part 50, the AONAP is submitting the following information in compliance with the requirements of section 6 of the National Historic Preservation Act. AONAP is seeking a finding of "no historic properties affected" for the following proposed sites as identified on the enclosed map.

Phase I Housing – Consists of 32 lots, to include approximately 1.5 miles of access roads. Housing will consist of a mixture of 1 to 4-unit single family homes of various bedroom sizes. Nine (9) of the 12 homes to be relocated from Newtok will be placed within Phase I. The lots and blocks identified under Phase I are as follows:

Lots 1, 2 of Block 4
Lots 1, 2, 3 of Block 6A
Lots 6, 7, 8, 9 of Block 8B
Lots 1, 2, 3, 4, 5, 6, 7 of Block 14A

Lots 4, 5, 6, 7, 8 of Block 6B
Lots 1, 2, 3, 4 of Block 8A
Lots 1, 2, 3, 4, 5, 6 of Block 11A

Phase II Housing – Consists of 46 lots, to include approximately 1.4 miles of access roads. Housing will consist of a mixture of 1 to 4-unit single family homes of various bedroom sizes. Three (3) of the 12 homes to be relocated from Newtok will be placed within Phase II. The lots and blocks identified under Phase II are as follows:

Lots 8, 9, 10, 11, 12 of Block 14B
Lots 1, 2, 3, 4 of Block 12A
Lots 1, 2, 3, 4 of Block 9A
Lots 1, 2, 3 of Block 7A
Lots 1, 2, 3 of Block 5

Lots 7, 8, 9, 10 of Block 11B
Lots 5, 6, 7, 8 of Block 12B
Lots 5, 6, 7, 8, 9 of Block 9B
Lots 4, 5, 6, 7, 8, 9, 10 of Block 7B
Lots 1, 2, 3, 4, 5, 6, 7, 8 of Block 3A

The Village Center - Consists of 14 Lots, to include approximately 2,750 feet of access roads, for which several structures are being proposed to 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 lots and blocks identified under the Village Center are as follows:

Lots 1, 2, 3 of Block 1A
Lots 10, 11, 12, 13 of Block 1C

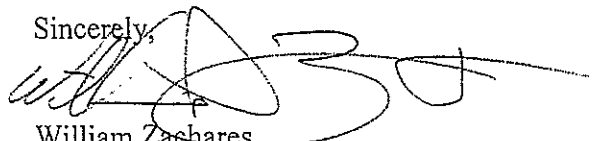
Lots 4, 5, 6, 7, 8, 9 of Block 1B
Lot 1 of Block 2

The National Register of Historic Places indicates no historic properties are located in the proposed new village site. A visual inspection of the proposed sites indicates they are not located in or around historic places listed in the National Register of Historic Places. In addition, based on the *Archaeological Evaluation of Cultural Resources Around Metarvik*, Alaska report dated March 2007 provided by your office, we believe the areas that are being proposed for housing and community activities are covered within the survey routes identified within the report.

Based on the above information, AONAP has determined there are no historic properties in the immediate area identified for the proposed project and requests concurrence with this determination from the State Historic Preservation Office. During the course of construction, should unidentified archaeological resources be discovered in the course of the project, work will be interrupted until the resources have been evaluated in terms of the National Register of Historic Places eligibility criteria or the Alaska Landmark Register in consultation with your office. A current map of the proposed new village is enclosed for your review.

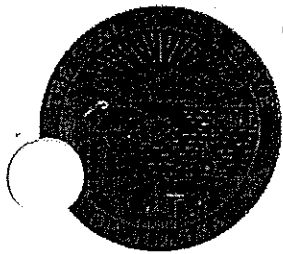
Should you have any further questions, please contact Andy Concepcion, Grants Management Director at 907-677-9880, toll free at 1-877-302-9800 or by email to andy.concepcion@hud.gov.

Sincerely,



William Zachares
Administrator

enclosures



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Natural Resources

DIVISION OF PARKS & OUTDOOR RECREATION
Office of History & Archaeology

550 West 7th Ave., Suite 1310
Anchorage, Alaska 99501-3565
Main: 907 269.8721
<http://dnr.alaska.gov/parks/oha>

July 6, 2016

File No.: 3130-1R HUD

Walter Jim
Development Planner
The Association of Village Council Presidents
Regional Housing Authority
405 Ptarmigan Road
Bethel, Alaska 99559

Subject: Phase 1: Two New Single Family Dwelling Units at Mertarvik, Relocating 12 Homes and Future Development

Dear Mr. Jim:

The Alaska State Historic Preservation Office (AK SHPO) received your correspondence and accompanying documentation (dated May 23, 2016) on May 27, 2016. We apologize for the delay in responding to this request.

In 2007, we received correspondence from the U.S. Army Corps of Engineers on the subject project for the construction of an evacuation center, access road, and barge landing. We agreed with their finding of effect for that project, with the condition that one known site – XBI-00183 – be avoided and protected from project-related activities. I have attached a copy of this letter for your reference. Please continue to ensure that XBI-00183 is avoided by the current project. If that is not possible, additional consultation with our office will be necessary.

Following our review of the documentation provided and past correspondence on the proposed relocation of Newtok to Mertarvik, we concur that a finding of **no historic properties affected** is appropriate for the proposed construction of two new single-family dwelling units. During the construction, should unidentified archaeological resources be discovered in the course of the project, work must be interrupted until the resources have been evaluated in terms of the National Register of Historic Places eligibility criteria (36 CFR 60.4) or the Alaska Landmarks Register in consultation with our office.

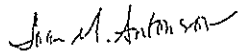
With respect to the access road, proposed gravel quarry, and the 12 homes to be relocated from Newtok, we have some additional questions.

- If the current project involves construction of the referenced access road and development of the gravel quarry, we would appreciate having a map that shows the full extent of the road and the location of the gravel quarry.
- Additionally, we request information on the 12 homes that will be relocated from Newtok. Which specific properties are they and what is the date of construction for each home? We request a map that shows their current location in Newtok and photographs, if possible.

- Have any of the areas proposed for ground-disturbing activity – in either Newtok or Mertarvik – been surveyed for cultural resources by a qualified professional archaeologist or cultural resources specialist?
- As noted in some past correspondence on the subject project, this office recommended that cultural resources, if present, within the project's area of potential effects (APE) be evaluated for eligibility to the National Register of Historic Places (NRHP). Typically, this would include any archaeological sites present and any buildings/structures that are 50 years of age or older.

Finally, we look forward to continued consultation, as appropriate, for the proposed future phases of development at the site of Mertarvik and for the associated activities at Newtok. This correspondence is intended to address only Phase 1 of the proposed project. Thank you for the opportunity to comment. Please contact Shina duVall at 269-8720 or shina.duvall@alaska.gov if you have any questions or if we can be of further assistance.

Sincerely,



Judith E. Bittner

Deputy State Historic Preservation Officer
JEB:sad

cc by email: Science Kilner, FEMA
Sally Cox, State of Alaska Division of Community and Regional Affairs, Department of
Commerce, Community, and Economic Development

NOTES

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

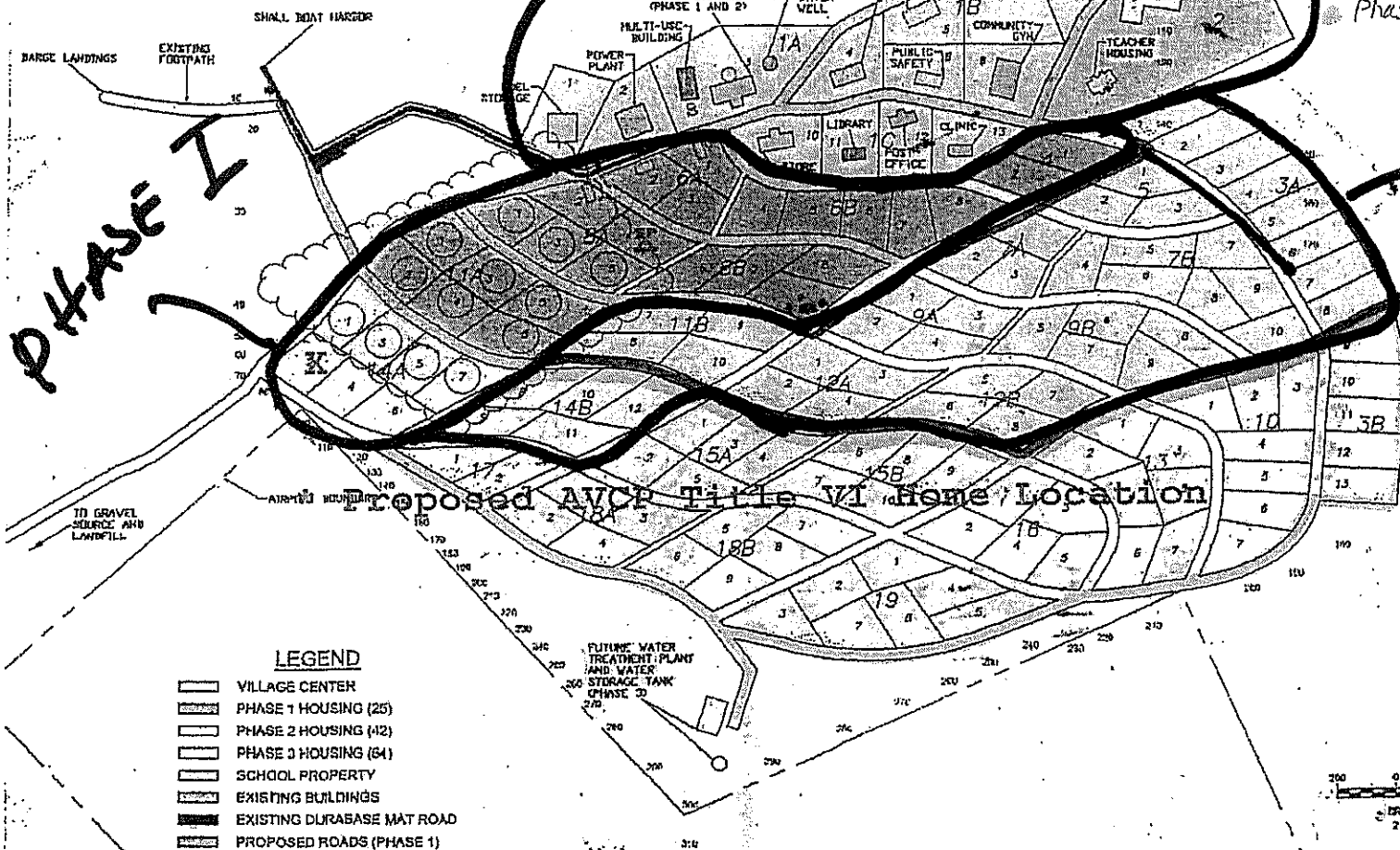
BAIRD INLET

Village Center

Phase I

Phase II

Phase III





THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Natural Resources

DIVISION OF PARKS & OUTDOOR RECREATION
Office of History & Archaeology

550 West 7th Ave., Suite 1310
Anchorage, Alaska 99501-3565
Main: 907 269.8721
<http://dnr.alaska.gov/parks/oha>

July 6, 2016

File No.: 3130-1R HUD

Walter Jim
Development Planner
The Association of Village Council Presidents
Regional Housing Authority
405 Ptarmigan Road
Bethel, Alaska 99559

Subject: Phase 1: Two New Single Family Dwelling Units at Mertarvik, Relocating 12 Homes and Future Development

Dear Mr. Jim:

The Alaska State Historic Preservation Office (AK SHPO) received your correspondence and accompanying documentation (dated May 23, 2016) on May 27, 2016. We apologize for the delay in responding to this request.

In 2007, we received correspondence from the U.S. Army Corps of Engineers on the subject project for the construction of an evacuation center, access road, and barge landing. We agreed with their finding of effect for that project, with the condition that one known site – XBI-00183 – be avoided and protected from project-related activities. I have attached a copy of this letter for your reference. Please continue to ensure that XBI-00183 is avoided by the current project. If that is not possible, additional consultation with our office will be necessary.

Following our review of the documentation provided and past correspondence on the proposed relocation of Newtok to Mertarvik, we concur that a finding of **no historic properties affected** is appropriate for the proposed construction of two new single-family dwelling units. During the construction, should unidentified archaeological resources be discovered in the course of the project, work must be interrupted until the resources have been evaluated in terms of the National Register of Historic Places eligibility criteria (36 CFR 60.4) or the Alaska Landmarks Register in consultation with our office.

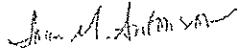
With respect to the access road, proposed gravel quarry, and the 12 homes to be relocated from Newtok, we have some additional questions.

- If the current project involves construction of the referenced access road and development of the gravel quarry, we would appreciate having a map that shows the full extent of the road and the location of the gravel quarry.
- Additionally, we request information on the 12 homes that will be relocated from Newtok. Which specific properties are they and what is the date of construction for each home? We request a map that shows their current location in Newtok and photographs, if possible.

- Have any of the areas proposed for ground-disturbing activity – in either Newtok or Mertarvik – been surveyed for cultural resources by a qualified professional archaeologist or cultural resources specialist?
- As noted in some past correspondence on the subject project, this office recommended that cultural resources, if present, within the project's area of potential effects (APE) be evaluated for eligibility to the National Register of Historic Places (NRHP). Typically, this would include any archaeological sites present and any buildings/structures that are 50 years of age or older.

Finally, we look forward to continued consultation, as appropriate, for the proposed future phases of development at the site of Mertarvik and for the associated activities at Newtok. This correspondence is intended to address only Phase 1 of the proposed project. Thank you for the opportunity to comment. Please contact Shina duVall at 269-8720 or shina.duvall@alaska.gov if you have any questions or if we can be of further assistance.

Sincerely,



Judith E. Bittner

Deputy
State Historic Preservation Officer
JEB:sad

cc by email: Science Kilner, FEMA
Sally Cox, State of Alaska Division of Community and Regional Affairs, Department of
Commerce, Community, and Economic Development

7.5.16

3130-1R HUD



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

Judith E. Bittner, SHPO
Department of Natural Resources
Division of Parks and Outdoor Recreation
Office of History and Archeology
P.O. Box 107001
Anchorage, Alaska 99501-7001

RECEIVED

May 23, 2016

MAY 27 2016

OHA

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

Dear Ms. Bittner,

- Phase I ineffectively -

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.

Pursuant to regulatory authority found in 24 CFR 58, the Native Village of Newtok Traditional Council is submitting the following information in compliance with the requirements of section 6 of the National Historic Preservation Act.

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 National Register of Historic Places indicates no historic properties are located in the

will dated

proposed new village site. The visual inspection of the proposed site are not located in or around historic places listed in the National Register of Historic Places.

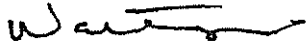
Based on the above information, the Native Village of Newtok Traditional Council has determined there are no historic properties in the immediate area identified for the proposed project and requests concurrence with this determination from the State Historic Preservation Office. A current map of the 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

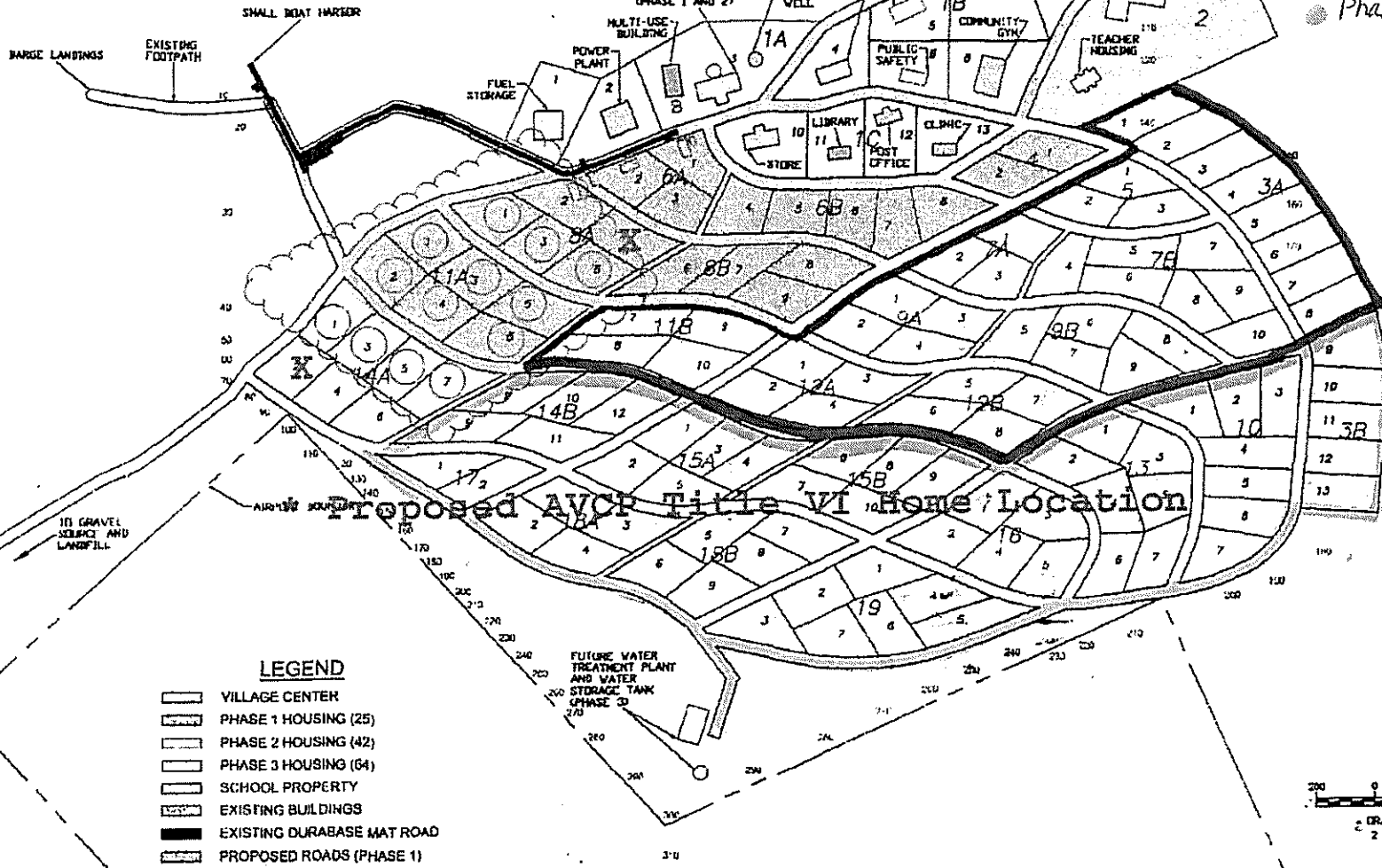
NOTES

1 HOUSE LOT SIZE-S ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET

TO LAGOON

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 DURABASE MAT ROAD
- PROPOSED ROADS (PHASE 1)

GRAPHIC SCALE IN FEET
2 FOOT CONTOUR MAP

NOISE ABATEMENT



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

Noise Abatement and Control 24 CFR Part 51B

Environmental Record Determination

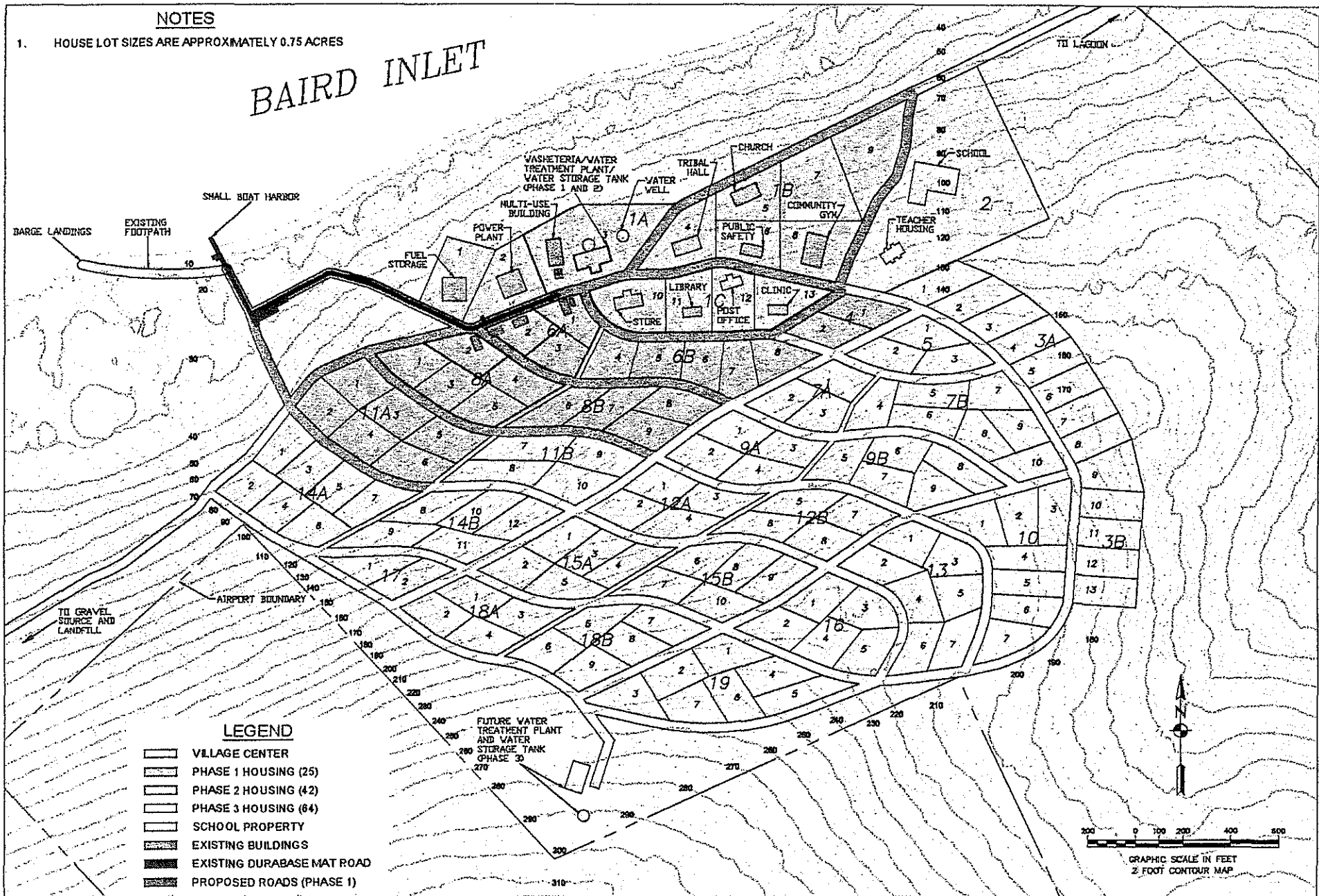
Metarvik sits on largely undeveloped land and does not have any major roads or highways, railroads or is located within 15 miles of a civil or military airfield. There are no noise sensitive use projects that will interfere with the housing development project being proposed. Noise Calculation are not necessary at this time.

Source Documentation

- Metarvik Paper Plant May 2015
- Noise Abatement and Control – HUD Exchange Website

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET



[Environmental Review Main \(/programs/environmental-review/\)](#) > Noise Abatement and Control

Noise Abatement and Control

Introduction

HUD's noise standards may be found in 24 CFR Part 51, Subpart B. For proposed new construction in high noise areas, the project must incorporate noise mitigation features. Consideration of noise applies to the acquisition of undeveloped land and existing development as well.

All sites whose environmental or community noise exposure exceeds the day night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features to the extent required by HUD environmental criteria and standards contained in Subpart B (Noise Abatement and Control) of 24 CFR Part 51. The interior standard is 45dB.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 decibels to 75 decibels. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB.

Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require the approval of the Assistant Secretary for Community Planning and Development (for projects reviewed under Part 50) or the Responsible Entity's Certifying Officer (for projects reviewed under Part 58). The acceptance of such locations normally requires an environmental impact statement.

In "Unacceptable" noise zones, HUD strongly encourages conversion of noise-exposed sites to land uses compatible with the high noise levels.

HUD Guidance

Are there potential noise generators in the vicinity of the project? Review general location maps and/or conduct a field review to screen for major roadways (within 1,000 feet), railroads (within 3,000 feet), and military or FAA-regulated airfields (with 15 miles) in the vicinity of the project.

If a noise assessment was performed, was the noise found to be Acceptable, Normally Unacceptable, or Unacceptable?

Site Acceptability Standards

Noise Zone	Day-night average sound level (in decibels)	Special approvals and requirements
Acceptable	Not exceeding 65 dB	None
Normally Unacceptable	Above 65 dB but not exceeding 75 dB	<ul style="list-style-type: none">Environmental assessment and attenuation required for new constructionAttenuation strongly encouraged for major rehabilitation <p>Note: An environmental impact statement is required if the project site is largely undeveloped or will encourage incompatible development.</p>
Unacceptable	Above 75 dB	<ul style="list-style-type: none">Environmental impact statement requiredAttenuation required for new construction with approval by the Assistant Secretary of CPD or Certifying Officer

Compliance and Documentation

The environmental review record should contain one of the following:

- Documentation the proposed action is not within 1000 feet of a major roadway, 3,000 feet of a railroad, or 15 miles of a military or FAA-regulated civil airfield
- If within those distances, documentation showing the noise level is *Acceptable* (at or below 65 DNL)

Regulations

24 CFR Part 51,
Subpart B
(<http://www.gpo.gov/fdsys/search/pagedetails?na=&se=&sm=&flr=&ercode=&dateBrowse=&2013-title24-vol1-part51-subpartB&packageId=CFR-2013-title24-vol1&browsePath=Title+24%2FSubTitle+A%2FPart+51%2FSubpart+B&collapse=true&fromBrowse=true>)

Resources

FAA Noise Map Archive
(<http://www.faa.gov/airports/environmental/airport-noise-exposure-maps>)

FHWA Barrier Design
(<http://www.fhwa.dot.gov/environment/noise/noise-barriers-design-information>)

FRA Crossing Database
(<http://safetydata.fra.dot.gov/OfficeofSafety/Data/RailroadOperationalData>)

[View Additional Resources](#)

Federal Related Laws and Authorities

Air Quality
(</environmental-review/air-quality>)

Airport Hazards
(</environmental-review/airport-hazards>)

Coastal Barrier Resources
(</environmental-review/coastal-barrier-resources>)

Coastal Zone Management
(</environmental-review/coastal-zone-management>)

Environmental Justice
(</environmental-review/environmental-justice>)

Endangered Species
(</environmental-review/endangered-species>)

Explosive and Flammable Facilities
(</environmental-review/explosive-and-flammable-facilities>)

- If within those distances, documentation showing that there's an effective noise barrier (i.e., that provides sufficient protection)
- Documentation showing the noise generated by the noise source(s) is *Normally Unacceptable (66 – 75 DNL)* and identifying noise attenuation requirements that will bring the interior noise level to 45 DNL and/or exterior noise level to 65 DNL

View Noise Abatement and Control (CEST) - Worksheet (</resources/documents/Noise-Abatement-and-Control-CEST-Worksheet.docx>).

View Noise Abatement and Control (EA) - Worksheet (</resources/documents/Noise-Abatement-and-Control-EA-Worksheet.docx>).

View Noise (CEST) - Partner Worksheet (</resources/documents/Noise-CEST-Partner-Worksheet.docx>).

View Noise (EA) - Partner Worksheet (</resources/documents/Noise-EA-Partner-Worksheet.docx>).

Related Resources

HUD Noise Guidebook (</resource/313/hud-noise-guidebook/>)

The Noise Guidebook has been prepared to serve as the basic reference document for all who are responsible for implementing the Department's noise policy. It brings together training and guidance to complete HUD noise assessments.

Day/Night Noise Level Electronic Assessment Tool (aka: the DNL Calculator)

(</programs/environmental-review/daynight-noise-level-electronic-assessment-tool/>)

The Office of Environmental and Energy has developed an electronic assessment tool that calculates the Day/Night Noise Level (DNL) site exposure. This is a web-based application of the existing Noise Assessment Guidelines (NAG). It is the basic noise assessment tool; most assessments start here. The DNL Calculator calculates noise from road and railway activity levels. It then combines the noise with airport projections and incorporates the effects of loud, impulsive sound for a site exposure at any Noise Assessment Location. The DNL Calculator can document compliance or aid in site planning. It is quick and easy to use.

Sound Transmission Classification Assessment Tool (<https://www.hudexchange.info/stracat/>)

The Sound Transmission Classification Assessment Tool (STraCAT) is a web-based application that automates and streamlines the completion of HUD's Figure 19 in The Noise Guidebook. That is the form that reports the noise mitigation performance of wall systems.

Barrier Performance Module (<https://onecpd.info/programs/environmental-review/bpm-calculator/>)

The Barrier Performance Module (BPM) is an automated version of the noise barrier evaluation worksheets and charts in the Noise Guidebook. It reports the amount of noise to be reduced by a particular design. It is linked to the DNL Calculator. The output of the DNL Calculator is used as the input to the Barrier Performance Module, but it can also be used stand-alone.

Fact Sheet: Recommended Environmental Review Record Documentation to Support an Environmental Impact Statement Waiver for Projects in Unacceptable Noise Conditions (</resource/3305/recommended-err-documentation-to-support-an-eis-waiver/>)

This fact sheet provides the recommended environmental review record documentation to support an environmental impact statement waiver for projects in unacceptable noise conditions.

Noise Assessment Training Webinar (</training-events/courses/noise-assessment-training/>)

This webinar, held October 19, 2011, describes basic concepts of noise related to the built environment; use of OEE's Day/Night Noise Level Calculator and Barrier Performance Module; common errors and mistakes to avoid; and potential applications for project planning.

Farmlands Protection
(</environmental-review/farmlands-protection/>)

Flood Insurance
(</environmental-review/flood-insurance/>)

Floodplain Management
(</environmental-review/floodplain-management/>)

Historic Preservation
(</environmental-review/historic-preservation/>)

Noise Abatement and Control
(</environmental-review/noise-abatement-and-control/>)

Site Contamination
(</environmental-review/site-contamination/>)

Sole Source Aquifers
(</environmental-review/sole-source-aquifers/>)

Wetlands Protection
(</environmental-review/wetlands-protection/>)

Wild and Scenic Rivers
(</environmental-review/wild-and-scenic-rivers/>)

HAZARDOUS OPERATIONS



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

Explosive and Flammable Operations 24 CFR Part 51C

Environmental Record Determination

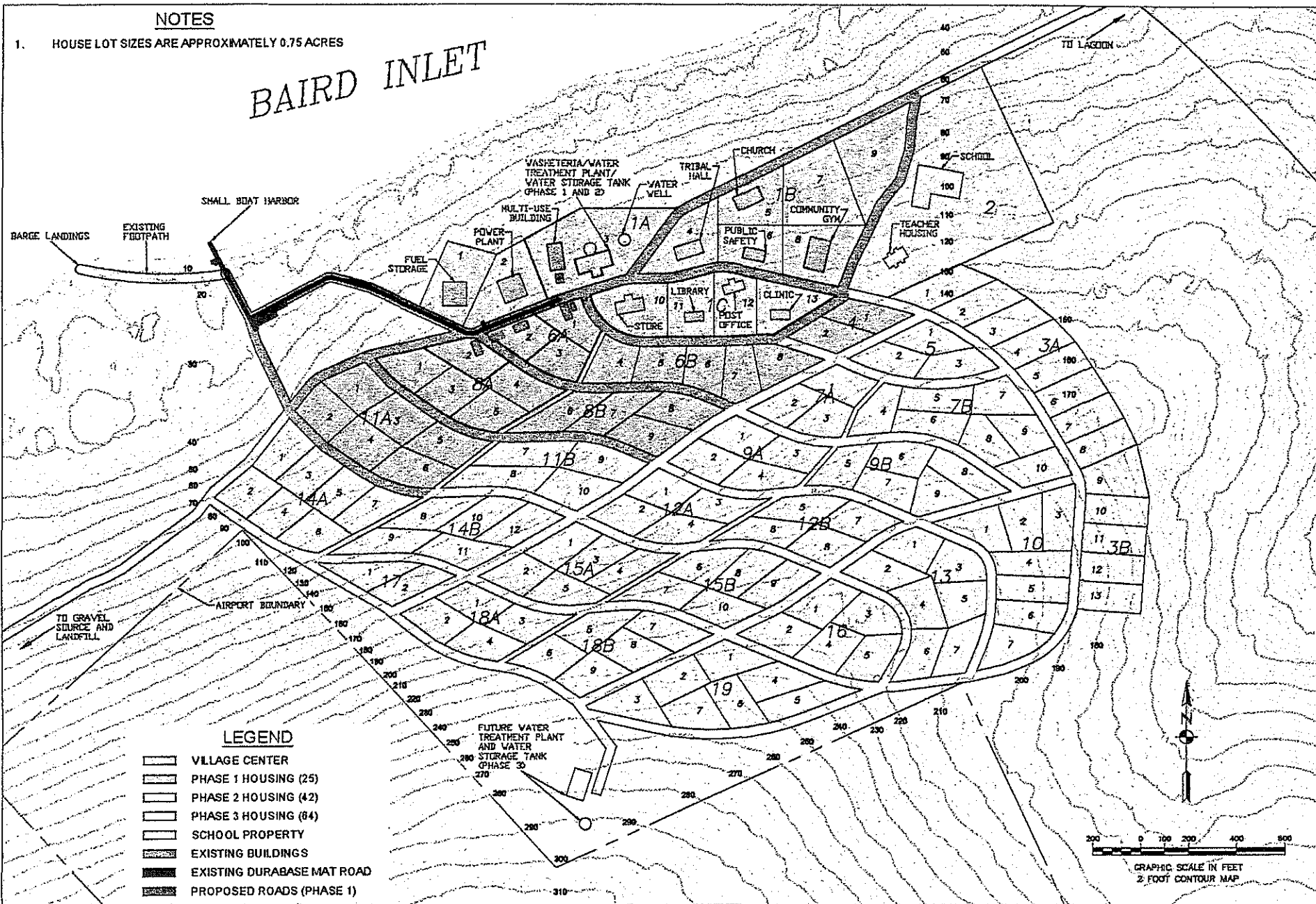
Metarvik sits on largely undeveloped land and does not have, nor is it located in close proximity to a bulk fuel storage facility. Future plans for a bulk fuel storage facility in Metarvik will be planned in accordance with 24 CFR Part 51C and located outside of the acceptable separation distance requirements to ensure safety of structures as well as open areas where people will gather outside, such as parks.

Source Documentation

- Metarvik Paper Plant May 2015
- Explosive and Flammable Facilities – HUD Exchange

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET



Environmental Review Main (/programs/environmental-review/)

> Explosive and Flammable Facilities

Explosive and Flammable Facilities

Introduction

There are inherent potential dangers associated with locating HUD-assisted projects near hazardous facilities which store, handle, or process hazardous substances of a flammable or explosive nature. Project sites located too close to facilities handling, storing or processing conventional fuels, hazardous gases or chemicals of an explosive or flammable nature may expose occupants or end-users of a project to the risk of injury in the event of an explosion.

Blast overpressure and thermal radiation standards are used as a basis for calculating acceptable separation distances (ASDs) for HUD-assisted projects from specific, stationary hazardous operations which store, handle, or process substances of fire or explosive prone nature. HUD-assisted projects must meet ASDs or else mitigation measures must be undertaken.

HUD Guidance

When considering explosive and flammable facilities in the context of HUD-assisted projects, two lines of inquiry are appropriate:

1. Aboveground stationary storage tanks near the project

Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

If so, within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers:

- Of more than 100 gallon capacity, containing common liquid industrial fuels OR
- Of any capacity, containing hazardous liquids or gases that are not common liquid industrial fuels?

For a list of common industrial fuels, consult Appendix I of the Regulation and HUD's guidebook "Acceptable Separation Distance." Stationary aboveground containers that store natural gas and have floating tops are excluded from 24 CFR 51, Subpart C as well as underground storage containers, mobile conveyances (tank trucks, barges, rail road tank cars), and pipelines, such as high pressure natural gas transmission pipelines or liquid petroleum pipelines. If your project is a single family (1-4 unit) FHA-insured property, do not include/identify tanks that are ancillary to the operation of your project (e.g., comfort heating, cooking, water heating) because they are excluded from 24 CFR 51, Subpart C.

Is the Separation Distance from the project acceptable based on standards in the regulation?

The Acceptable Separation Distance (ASD) can be calculated based on the volume of the container, the contents, and whether or not the container is diked. A diked container is not the same as a double walled container. A doubled-walled container, for ASD calculations, is a

container without a dike, and it shall be evaluated as a single-walled container. The regulation only considers storage tank contents that are products classified as flammable or combustible. This information can be found in the Material Safety Data Sheet. Once the volume of the container (gallons), dike dimensions, and phase of state of the product (liquid or gas) are known, the ASD can be calculated by either using the electronic calculator (</programs/environmental-review/asd-calculator/>).

The ASD is measured from the center of the assessed container to the perimeter of the proposed HUD-assisted project site. If the ASD is not met, mitigation is required, or another site must be considered. Options to mitigation are discussed in the HUD guidebook *Acceptable Separation Distance* (</resource/2762/acceptable-separation-distance-guidebook/>).

If the separation distance is not acceptable, a barrier is required to mitigate the project. Otherwise, the project should be moved to a different location. Work with a licensed engineer to determine whether an existing barrier (natural or man-made) is sufficient mitigation or to design a barrier. For more guidance on barriers and mitigation, contact Nelson Rivera, a licensed engineer at HUD, at nelson.a.rivera@hud.gov (<mailto:nelson.a.rivera@hud.gov>) or 202-402-4455.

2. Hazardous facilities included in the project

Does the proposed HUD-assisted project include a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

If so, is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present? See guidance above on calculating the ASD.

Compliance and Documentation

The environmental review record should include:

One of the following on aboveground storage tanks:

- A determination that the project does not include development, construction, rehabilitation that will increase residential densities, or conversion
- Evidence that within one mile of the project site there are no current or planned stationary aboveground storage containers of more than 100-gallon capacity containing common liquid industrial fuels or of any capacity containing hazardous liquids or gases that are not common liquid industrial fuels
- A determination along with all supporting documentation that the separation distance of such containers from the project is acceptable
- Documentation of the existing or planned barrier that would serve as sufficient mitigation, including correspondence with a licensed engineer

AND one of the following on hazardous facilities:

- A determination that the project does not include a hazardous facility

- A determination along with all supporting documentation that the hazardous facility is located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present
- Documentation of the existing or planned barrier that would serve as sufficient mitigation, including correspondence with a licensed engineer

View Explosive and Flammable Facilities - Worksheet (/resources/documents/Explosive-and-Flammable-Facilities-Worksheet.docx).

View Explosives - Partner Worksheet (/resources/documents/Explosives-Partner-Worksheet.docx).

Regulations

24 CFR Part 51, Subpart C (<http://www.gpo.gov/fdsys/search/pagedetails.action?st=24+CFR+Part+51&granuleId=CFR-2013-title24-vol1-part51-subpartC&packageId=CFR-2013-title24-vol1&browsePath=Title+24%2FSubtitle+A%2FPart+51%2FSubpart+C&collapse=true&fromBrowse=true>)

Resources

Guides and Training Manuals

Acceptable Separation Distance Guidebook (/resource/2762/acceptable-separation-distance-guidebook/)

Barrier Design Guidance for HUD Assisted Projects Near Hazardous Facilities (/resource/2763/barrier-design-guidance-for-hud-assisted-projects-near-hazardous-facil/)

Acceptable Separation Distance Electronic Assessment Tool (/environmental-review/asd-calculator/)

Acceptable Separation Distance Flow Chart (/resource/2767/acceptable-separation-distance-flow-chart/)

Acceptable Separation Distance Mitigation Options Flow Chart (/resource/2768/acceptable-separation-distance-mitigation-options-flow-chart/)

Webinars and Virtual Trainings

24 CFR Part 51 Subpart C Mitigation Training Module - Slides (/training-events/courses/24-cfr-51-part-c-mitigation-training-slides/)

Acceptable Separation Distance Training Webinar (/training-events/courses/acceptable-separation-distance-asd-training/)

Federal Related Laws and Authorities

Air Quality (/environmental-review/air-quality)

Airport Hazards (/environmental-review/airport-hazards)

[Coastal Barrier Resources \(/environmental-review/coastal-barrier-resources\)](/environmental-review/coastal-barrier-resources)

[Coastal Zone Management \(/environmental-review/coastal-zone-management\)](/environmental-review/coastal-zone-management)

[Environmental Justice \(/environmental-review/environmental-justice\)](/environmental-review/environmental-justice)

[Endangered Species \(/environmental-review/endangered-species\)](/environmental-review/endangered-species)

[Explosive and Flammable Facilities \(/environmental-review/explosive-and-flammable-facilities\)](/environmental-review/explosive-and-flammable-facilities)

[Farmlands Protection \(/environmental-review/farmlands-protection\)](/environmental-review/farmlands-protection)

[Flood Insurance \(/environmental-review/flood-insurance\)](/environmental-review/flood-insurance)

[Floodplain Management \(/environmental-review/floodplain-management\)](/environmental-review/floodplain-management)

[Historic Preservation \(/environmental-review/historic-preservation\)](/environmental-review/historic-preservation)

[Noise Abatement and Control \(/environmental-review/noise-abatement-and-control\)](/environmental-review/noise-abatement-and-control)

[Site Contamination \(/environmental-review/site-contamination\)](/environmental-review/site-contamination)

[Sole Source Aquifers \(/environmental-review/sole-source-aquifers\)](/environmental-review/sole-source-aquifers)

[Wetlands Protection \(/environmental-review/wetlands-protection\)](/environmental-review/wetlands-protection)

[Wild and Scenic Rivers \(/environmental-review/wild-and-scenic-rivers\)](/environmental-review/wild-and-scenic-rivers)

AIRPORT HAZARDS



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

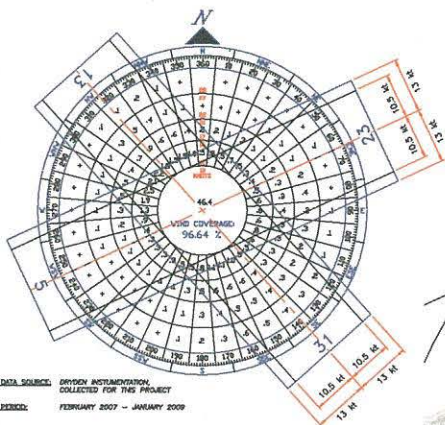
Airport Protection Zones 24 CFR Part 51D

Environmental Record Determination

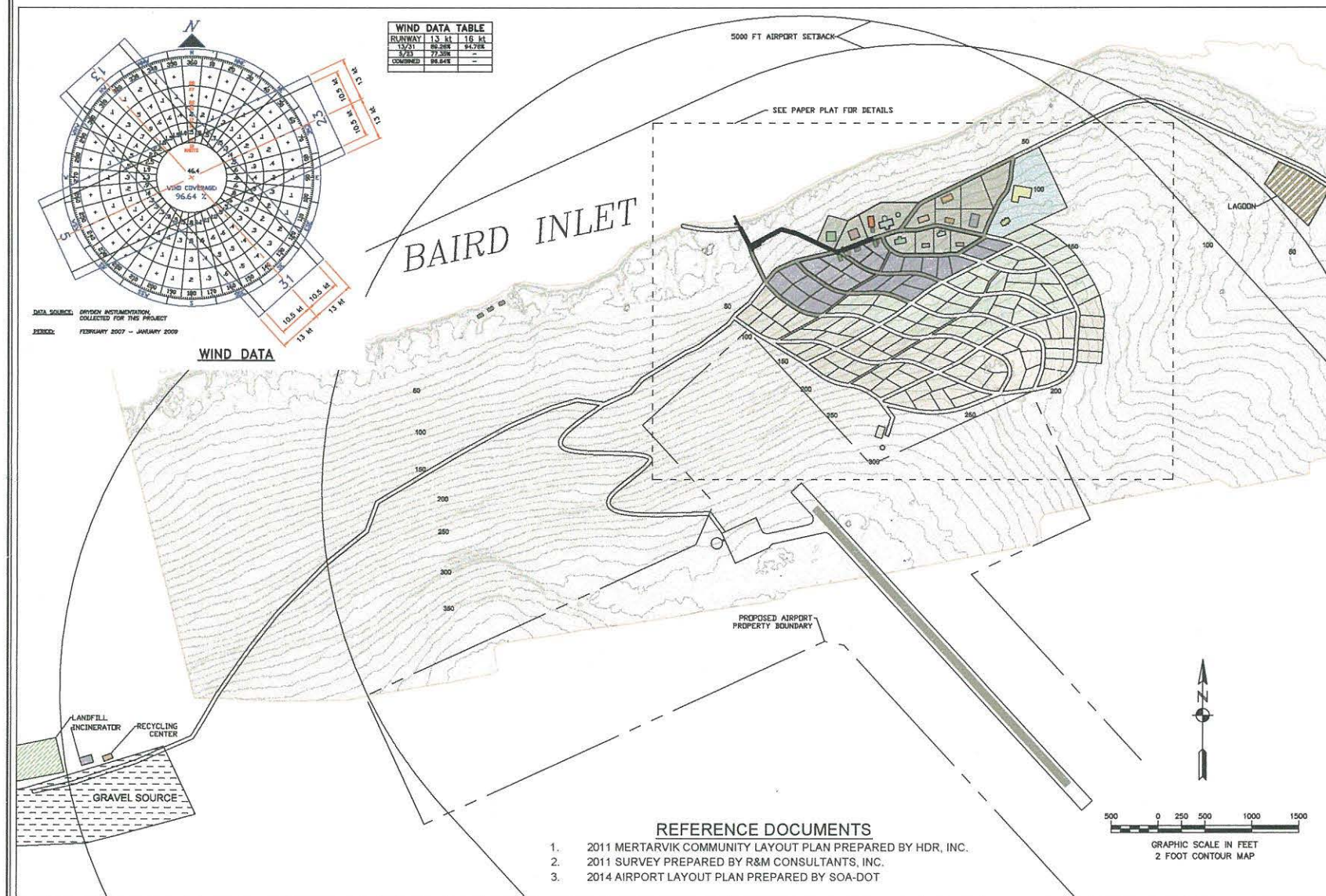
An airport runway does not currently exist in Metarvik. However, several plans exist and call for a proposed local airport in the future. Based on proposed airport runway maps, proposed project activities will be outside the Airport Runway Zones

Source Documentation

- Community Layout Plan Proposed Airport Property Boundary
- New Airport Relocation Preferred and Alternate Runway Locations
- Alaska Department of Transportation & Public Facilities/Statewide Aviation Local (non-DOT&PF) Airport Sponsors
- Alaska Department of Transportation & Public Facilities/Statewide Aviation State Owned Public Airports – Central Region



WIND DATA TABLE		
RUNWAY	13 M	16 M
13.21	88.48	85.78
17.21	77.38	—
COMBINED	88.84	—



- REFERENCE DOCUMENTS
1. 2011 MERTARVIK COMMUNITY LAYOUT PLAN PREPARED BY HDR, INC.
 2. 2011 SURVEY PREPARED BY R&M CONSULTANTS, INC.
 3. 2014 AIRPORT LAYOUT PLAN PREPARED BY SOA-DOT



STATE OF ALASKA
LAND - DIVISION OF LAND
ANCHORAGE, ALASKA

PROJECT NAME		PROJECT NUMBER	
PROJECT LOCATION		PROJECT DATE	
PROJECT DESCRIPTION		PROJECT STATUS	
PROJECT OWNER		PROJECT CONTACT	
PROJECT ADDRESS		PROJECT PHONE	
PROJECT FAX		PROJECT EMAIL	
PROJECT WEBSITE		PROJECT URL	

PROJECT NAME: 10 DEC 2011

PROJECT LOCATION: VILLAGE STATE WATER PROGRAM

PROJECT DESCRIPTION: VILLAGE STATE WATER PROGRAM

PROJECT OWNER: VWM

PROJECT CONTACT: GM

PROJECT ADDRESS: 555 GARDENIA STREET, ANCHORAGE, AK 99501

PROJECT PHONE: 907 268 1234

PROJECT FAX: 907 268 1234

PROJECT EMAIL: info@vwm.com

PROJECT URL: www.vwm.com

MERTARVIK, AK

COMMUNITY LAYOUT PLAN

MAY 2015

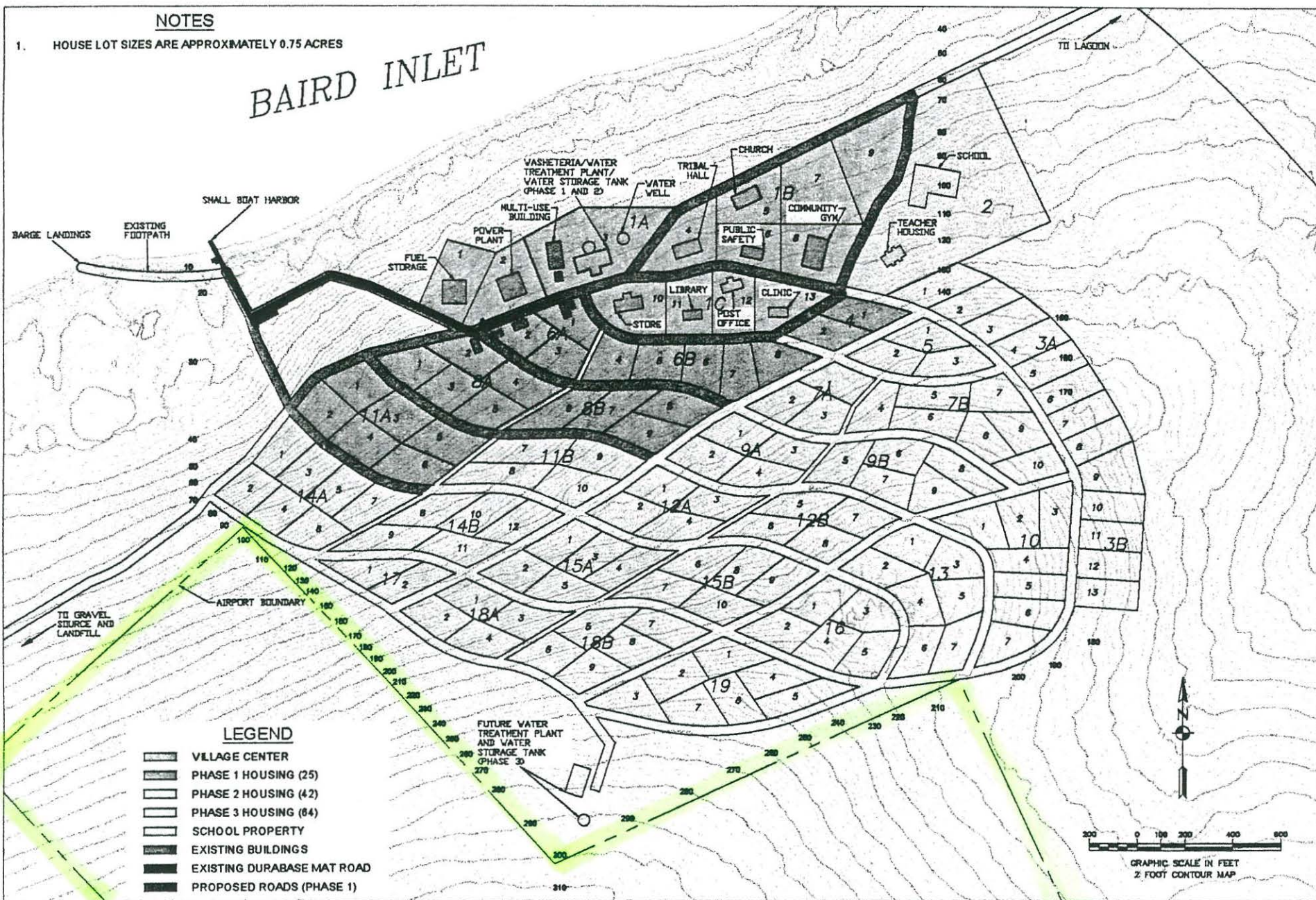
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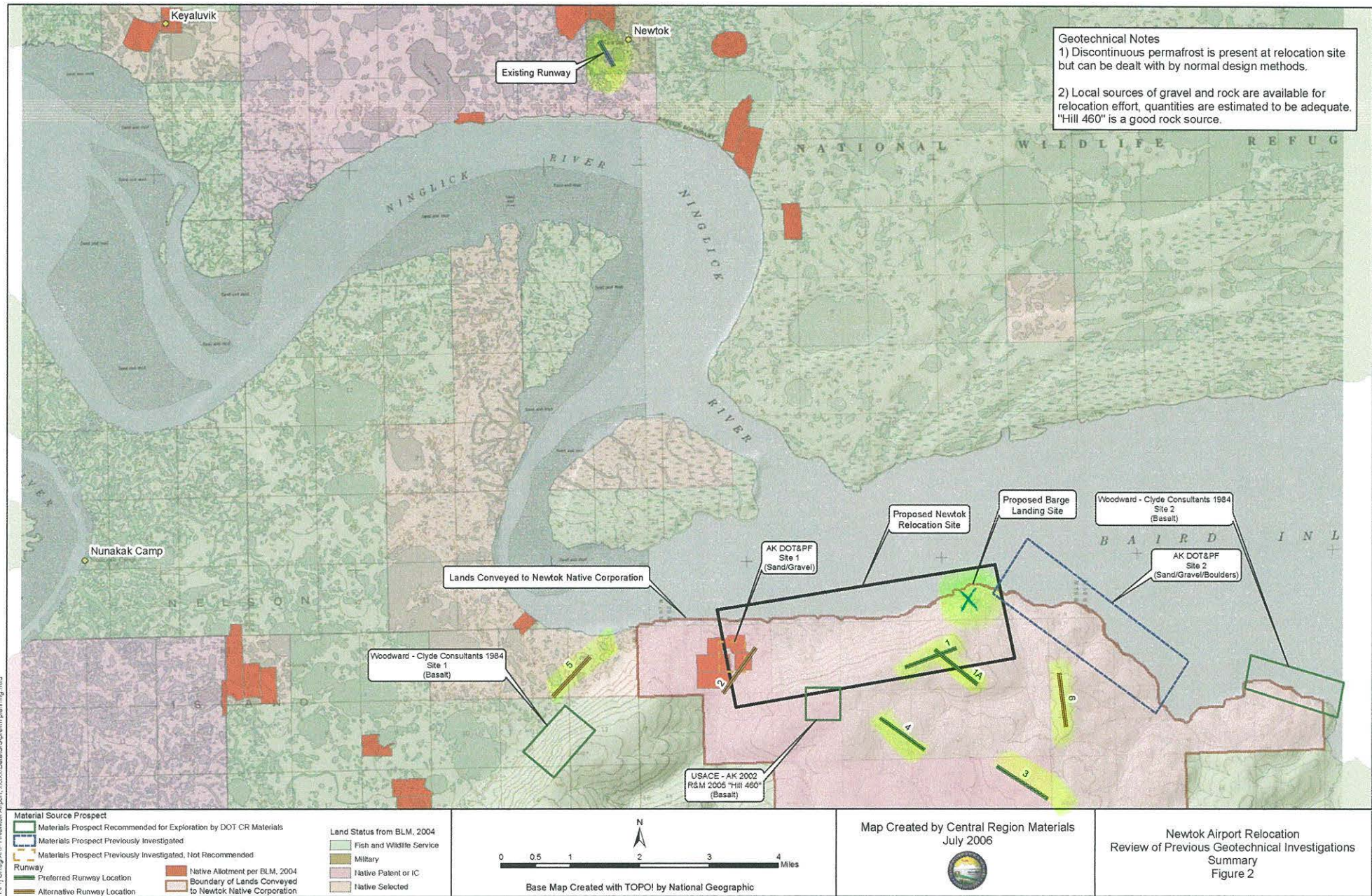
MER-CLP-001

Sheet 1 of 1

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET





x = project activities

Alaska Department of Transportation & Public Facilities / Statewide Aviation

Local (non-DOT&PF) Airport Sponsors

Alaska Department of Natural Resources

550 W. 7th Ave.
Anchorage, AK 99501

Manager: Dean Cummings
(907) 831-1386
• Valdez Robe Lake SPB (L93)

City of Akutan

PO Box 109
Akutan, AK 99553

(907) 698-2228
in Anchorage: (907) 274-7565

- Akutan Seaplane Base (KQA) Airport Layout Plan (196KB)

Municipality of Anchorage

Paul Bowers, A.A.E.
Airport Manager
Merrill Field Airport
800 Merrill Field Drive
Anchorage, AK 99501-4129
(907) 343-6301
(907) 276-8421 (FAX)

- Merrill Field

Craig SPB (CGA)

Jon Bolling, Manager
City of Craig
PO Box 725
Craig, AK 99221
(907) 826-3275

City of Delta Junction

PO Box 229
Delta Junction, AK 99737

- Delta Junction

City of Egegik

John Purcell, Airport Manager
(907) 223-2400

* Metarvik not listed

P.O. Box 189
Egegik, AK 99579

- Egegik Airport Airport Layout Plan (1MB)

Haines Borough
(907) 766-2231

PO Box 1209
Haines, AK 99827

- Haines SPB (3Z9)

City and Borough of Juneau

Patricia deLaBruere, Airport Manager
(907) 789-7821

Juneau International Airport
1873 Shell Simmons Dr.
Juneau, AK 99801

- Juneau International Airport (JNU)

Harbor Master
(907) 586-5255

Juneau Harris Harbor SPB
City and Borough of Juneau
155 S Seward Street.
Juneau, AK 99801

- Juneau, Harris Harbor SPB (5Z1)

City of Kake
(907) 785-3804

PO Box 500
Kake, AK 99830

- Kake SPB (KAE)

City of Kenai

Mary Bondurant, Airport Manager
(907) 283-7951

Kenai Municipal Airport
210 Fidalgo Ave, Suite 210
Kenai, AK 99611-7794

- Kenai Municipal Airport (ENA)

City of Klawock
(907) 755-2261

PO Box 469
Klawock, AK 99925
Michael Peratrovich, Public Works Director
(907) 465-1786

- Klawock SPB (AQC)

Ketchikan Gateway Borough

Mr. Mike Carney, Airport Manager
(907) 225-6800

Ketchikan International Airport
1000 Airport Terminal Way
Ketchikan, AK 99901

- Ketchikan International Airport (KTN)* ■
- Ketchikan Airport SPB*
(* KTN is State of Alaska owned, Ketchikan Gateway Borough operated)
- Ketchikan, Murphy's Pullout (8K9)
- Loring SPB

City of Kodiak

2410 Mill Bay Road
Kodiak, AK 99615

- Kodiak Municipal Airport/Lily Lake (9Z3) ■
- Kodiak Inner Harbor SPB

City of Nenana

PO Box 70
Nenana, AK 99760

- Nenana Municipal Airport Airport Layout Plan (14MB)

North Slope Borough

Tom Nicolos, Public Works Manager
(907) 852-0371

PO Box 69
Barrow, AK 99723

Tom.nicolos@north-slope.org

- Anaktuvuk Pass
- Atkasuk
- Kaktovik -- Barter Island Airport Layout Plan (8MB)
- Nuiqsut
- Wainwright

City of Palmer

Jon Owens, Airport Manager
(907) 761-1335

231 W Evergreen Ave
Palmer, AK 99655

- City of Palmer Municipal Airport ■
- Airport Layout Plan ✎ (12 MB)

City of Pelican

- Pelican SPB

Native Village of Kwinhagak

Annie N. Roach, Airport Manager
(907) 556-8165

Airport Manager
P.O. Box 149
Quinhagak, AK 99655

- Quinhagak Airport Airport Layout Plan ✎ (57 KB)

City of Seldovia

- Seldovia SPB

City & Borough of Sitka

(907) 747-3294

P.O. Box 79
Sitka, AK 99835

- Sitka SPB

City of Soldotna

177 North Birch St.
Soldotna, AK 99669

- Soldotna Airport Airport Layout Plan ✎

Soldotna Municipal Airport

www.ci.soldotna.ak.us/airport.html

(907) 262-4672
(907) 262-2523 (FAX)

Thorne Bay SPB (KTB)

(907) 828-3380 (FAX)

Shane Nyquist, Harbor Master
City of Thorne Bay
PO Box 19110
Thorne Bay AK 99919

Alaska Department of Transportation & Public Facilities / Statewide Aviation

State Owned Public Airports - Central Region

Contact Information

For **Maintenance or Operation** questions, please contact:

Vacant

Phone: (907) 269-0760

Fax: (907) 248-1583

Chief, Maintenance and Operations, Central Region

Jamie Brooks is the Chief, Anchorage Office, Aviation Leasing. Jamie supervises the Central Region Leasing staff, and is responsible for the leasing program in the Central Region.

(907) 269-0745

Anchorage Office of Aviation Leasing Brochure 835K

Mailing Address for Central Region


Alaska Department of Transportation and Public Facilities

PO Box 196900

Anchorage, AK 99519-6900

* Meturvik not listed

Airport Layout Plans

Note: All documents below are in  format.

• Akiachak (Z13)		Airport Layout Plan
• Akiak (AKI)		Airport Layout Plan
• Aleknagik (5A8)		Airport Layout Plan
• Anchorage International Airport		Airport Layout Plan
• Aniak (ANI)	Tarmac Delay Contingency Plan	Airport Layout Plan
• Atmautluak (4A2)		Airport Layout Plan
• Bethel (BET)	Tarmac Delay Contingency Plan	Airport Layout Plan
• Big Lake (BGQ)		Airport Layout Plan
• Birchwood (BCV)		Airport Layout Plan
• Chefnak (CFK)		Airport Layout Plan
• Chenega Bay (C05)		Airport Layout Plan

• Chevak (VAK)		Airport Layout Plan
• Chuathbaluk (9A3)		Airport Layout Plan
• Clark's Point (CLP)		Airport Layout Plan
• Crooked Creek (CJX)		Airport Layout Plan
• Dillingham (DLG)	Tarmac Delay Contingency Plan	Airport Layout Plan
• Eek (EEK)		Airport Layout Plan
• Ekwok (KEK)		Airport Layout Plan
• Flat (FLT)		Airport Layout Plan
• Girdwood (AQY)		Airport Layout Plan
• Goodnews (GNU)		Airport Layout Plan
• Goose Bay (Z40)		Airport Layout Plan
• Homer (HOM)	Tarmac Delay Contingency Plan	Airport Layout Plan
• Homer-Beluga Lake SPB (5BL)		Airport Layout Plan
• Hooper Bay (HPB)		Airport Layout Plan
• Hope (5HO)		Airport Layout Plan
• Kalskag (KLG)		Airport Layout Plan
• Kasigluk (Z09)		Airport Layout Plan
• Kasilof (5KS)		Airport Layout Plan
• Kipnuk (IHK)		Airport Layout Plan
• Koliganek (JZZ)		Airport Layout Plan
• Kongiganak (DUY)		Airport Layout Plan
• Kwethluk (KWT)		Airport Layout Plan
• Kwigillingok (GGV)		Airport Layout Plan
• Lawing (9Z9)		Airport Layout Plan
• Lime Village (2AK)		Airport Layout Plan
• Manokotak (KMO)	Tarmac Delay Contingency Plan	Airport Layout Plan
• McGrath (MCG)		Airport Layout Plan
• Mekoryuk (MYU)		Airport Layout Plan
• Nanwalek (KEB)	Alaska Property Plan	-

• Napakiak (WNA)		Airport Layout Plan
• Napaskiak (PKA)		Airport Layout Plan
• New Stuyahok (KNW)		Airport Layout Plan
• Newtok (EWU)	Airport Relocation Map	Airport Layout Plan
• Newtok (Mertarvik site)		Airport Layout Plan
• Nightmute (IGT)		Airport Layout Plan
• Nikolai (FSP)		Airport Layout Plan
• Ninilchik (NIN)		-
• Nunapitchuk (16A)		Airport Layout Plan
• Ophir (not maintained) (Z17)		Airport Layout Plan
• Platinum (PTU)		Airport Layout Plan
• Port Graham (PGM)		Airport Layout Plan
• Portage Creek (A14)		Airport Layout Plan
• Quartz Creek (Cooper Landing) (JLA)		Airport Layout Plan
• Red Devil (RDV)		Airport Layout Plan
• Scammon Bay (SCM)		Airport Layout Plan
• Seldovia (SOV)		Airport Layout Plan
• Seward (SWD)		Airport Layout Plan
• Sheep Mountain (SMU)		Airport Layout Plan
• Skwentna (SKW)		Airport Layout Plan
• Sleetmute (SLQ)		Airport Layout Plan
• Stony River (SRV)		Airport Layout Plan
• Takotna (TCT)		Airport Layout Plan
• Talkeetna (TKA)		Airport Layout Plan
• Togiak (TOG)		Airport Layout Plan
• Toksook Bay (OOK)		Airport Layout Plan
• Tuluksak (TLT)		Airport Layout Plan
• Tuntutuliak (A61)		Airport Layout Plan
• Tununak (4KA)		Airport Layout Plan
• Twin Hills (A63)		Airport Layout Plan

• Whittier (IEM)		Airport Layout Plan
• Willow (UUO)	Airport Use Plan Airport Use Plan FAQ Airport Use Plan Map	Airport Layout Plan


Department of Transportation & Public Facilities
PO Box 112500
3132 Channel Drive
Juneau, Alaska 99811-2500

Contact Information

State of Alaska © 2011 [Web Manager](#)

Aviation Info

- [Statewide Aviation Home](#)
- [Aviation Leasing](#)
- [General Aviation Information](#)
- [Contact Statewide Aviation Staff](#)
- [Aviation Advisory Board](#)
- State Owned Public Airports in Alaska
 - [Central Region](#)
 - [Northern Region](#)
 - [Southcoast Region](#)
- Non-State Owned Public Airports in Alaska
 - [Local Airport Sponsors](#)
- Tiedowns
 - [Tiedown Information](#)
 - [Tiedown Documents & Regulations](#)
 - [Tiedown Maps & FAQs](#)
- [Statewide Aviation Links](#)
- [Alaska Airport Photos](#) ■

Please note: You must have Acrobat Reader to open any  documents on this page. If you do not have Acrobat Reader, [click to download the FREE software](#)

WETLANDS 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

Wetlands Protection – Executive Order 11990

Environmental Record Determination

Proposed project activities will have an effect on wetlands. The Corp of Engineers letter dated 9/8/16 authorizes the construction/relocation of 15 homes in the new community of Metavik under General Permit 2007-541-M1.

In addition, the 8-Step process was completed. Early Notice and Public Review of Proposed Activity in a Wetland (1st Notice) was posted in the community of Newtok on 8/5/16 and pulled on 8/24/16 with no comments from the public. The Final Notice and Public Explanation of a Proposed Activity in a Wetland (2nd Notice) was posted on 08/25/16 and pulled on 9/8/16 with no comments from the public

Source Documentation

- Dept. of the Army, Alaska District, U.S. Army Corps of Engineers letter dated September 8, 2016 and signed by Mary Romero, Project Manager.
- Early Notice and Public Review of Proposed Activity in a Wetland
- Final Notice and Public Explanation of a Proposed Activity in a Wetland

**Early Notice and Public Review of a Proposed
Activity in a Floodplain/Wetland**

To: All interested Agencies, Groups and Individuals

This is to give notice that Newtok Village Council has conducted an evaluation as required by Executive Order 11988 for flood plain and 11990 for wetland, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its activity in the floodplain/ wetland will have on the human environment for Indian Community Development Program (ICDBG) under HUD grant B-16-SR-02-1106 and the Tribal Housing Activities Loan Guarantee Program Title VI Loan. The project will use ICDBG Imminent Threat grant funds and a Title VI loan for new construction and infrastructure development for the new village of Mertarvik, Alaska, located at Sec. 34, T9N, R86W and Sec. 2, T8N, R87W, Seward Meridian. Activities will include the development and construction of a village center, lots for houses, 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 with each lot about .75 acres in size for an estimated total of 100 acres of wetlands. The proposed project is located at the proposed Mertarvik Townsite in Mertarvik, Alaska.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains/wetlands and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about floodplains/wetlands can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains or wetlands, it must inform those who may be put at greater or continued risk.

Written comments must be received to the Newtok Village Council or the Alaska Office of Native American Programs (AONAP) at the following addresses on or before August 22, 2016:

Newtok Village, PO Box 5596, Newtok, Alaska, 99559 and 907-237-2202, Attention: Paul Charles, President, or Romy Cadiente, Tribal Relocation Coordinator, during the hours of 9:00 AM to 5:00 PM.

Or

HUD AONAP, 3000 C Street, Suite 401, Anchorage, Alaska, 99503, Attention: Andy Concepcion, Grants Management Director.

Comments may also be submitted via email to the Newtok Village at Bunjing24@gmail.com or HUD AONAP office at andy.concepcion@hud.gov.

Dates:



**Final Notice and Public Explanation of a Proposed
Activity in a Wetland**

To: All interested Agencies, Groups and Individuals

This is to give notice that the HUD under part 50 has conducted an evaluation as required by Executive Order 11988 and Executive Order 11990], to determine the potential affect that its activity in the wetland will have on the human environment for the Indian Community Development Block Grant Program under HUD grant B-16-SR-02-1106 and the Tribal Housing Activities Loan Guarantee Program Title VI Loan. The proposed project is located at Sec. 34, T9N, R86W and Sec. 2, T8N, R87W, Seward Meridian in Metarvik, Alaska. The proposed project activities include the development and construction of a village center, lots development for houses, 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 housing with each lot about .75 acres in size for an estimated total of 100 acres of wetland.

HUD has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial value and all mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values. HUD acknowledges compliance with state and local wetland protection procedures

HUD has reevaluated the alternatives to building in the wetland and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of Executive Order 11988 and/or 11990, are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments. This activity will have no significant impact on the environment for the following reasons due to the project minimizing wetland impacts in accordance with General Permit 2007-541-M1 which authority activities for Government Initiated Resident and Community Development activities.

There are three primary purposes for this notice. First, people who may be affected by activities in wetlands and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about wetlands can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in wetlands, it must inform those who may be put at greater or continued risk.

Written comments must be received by the HUD at the following address on or before August 30, 2016:



Newtok Village PO Box 5596, Newtok, Alaska 99559 and 907-237-2202, Atten: Paul Charles, President, or Romy Cadiente, Tribal Relocation Coordinator, during the hours of 9:00AM to 5:00PM.

Or

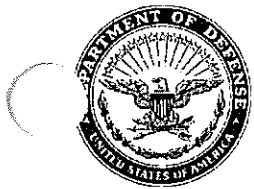
HUD AONAP, 3000 C. Street, Suite 401, Anchorage, Alaska 99503, Attention: Andy Concepcion, Grants Management Director.

Comments may also be submitted via email to Newtok Village at r.cadiente.nvc@gmail.com or HUD AONAP office at andy.concepcion@hud.gov.

Dates:

NOTICE POSTED

NOTICE REMOVED



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

September 8, 2016

Regulatory Division
POA-2016-329

Mr. Abraham Palacios
AVCP Regional Housing Authority
PO Box 767
Bethel, Alaska 99559

Dear Mr. Palacios:

This is in response to your May 24, 2016, request for a Department of the Army (DA) General Permit verification to construct or relocate a total of 15 homes in the new community of Mertarvik, facilitating the relocation of Newtok. The project site 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.

DA permit authorization is necessary because your project would involve work in and placement of fill material into waters of the U.S. under our regulatory jurisdiction.

A Department of the Army General Permit (GP) **2007-541-M1, PART I: GOVERNMENT-INITIATED RESIDENTIAL AND COMMUNITY DEVELOPMENTS**, issued on **December 10, 2012**, authorizes the construction of new housing and the relocation of 13 houses from Newtok to Mertarvik.

Based upon the information and plans you provided, we hereby verify that the work described above, which would be performed in accordance with the enclosed plan (sheets 1-6), dated September 8, 2016, is authorized by GP **2007-541-M1, PART I**. GP **2007-541-M1, PART I** and its associated Conditions can be accessed at our website at <http://www.poa.usace.army.mil/Missions/Regulatory/Permits/RegionalGeneralPermits.aspx> or, at your request, a paper copy will be provided to you. Please note that the time limit for authorizing work under this GP ends on December 10, 2017. If you will not complete the authorized work by December 10, 2017, please contact this office for information on a time extension. You must comply with all terms and conditions associated with GP **2007-541-M1, PART I**.

If changes to the activity are planned, including a change in use of the site, a change in lease or ownership, or additional placement of dredged and/or fill material, please notify this office as soon as possible. We will then confirm that authorization

would continue under the GP, or notify you of any additional requirements and/or authorizations.

This verification that your proposed work is authorized under the GP shall not be construed as excusing you from compliance with other Federal, State, or local statutes, ordinances, or regulations that may affect this work.

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, if you have questions. For additional information about our Regulatory Program, visit our web site 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: 2016.09.08 07:23:26 -08'00'

Mary Romero
Project Manager

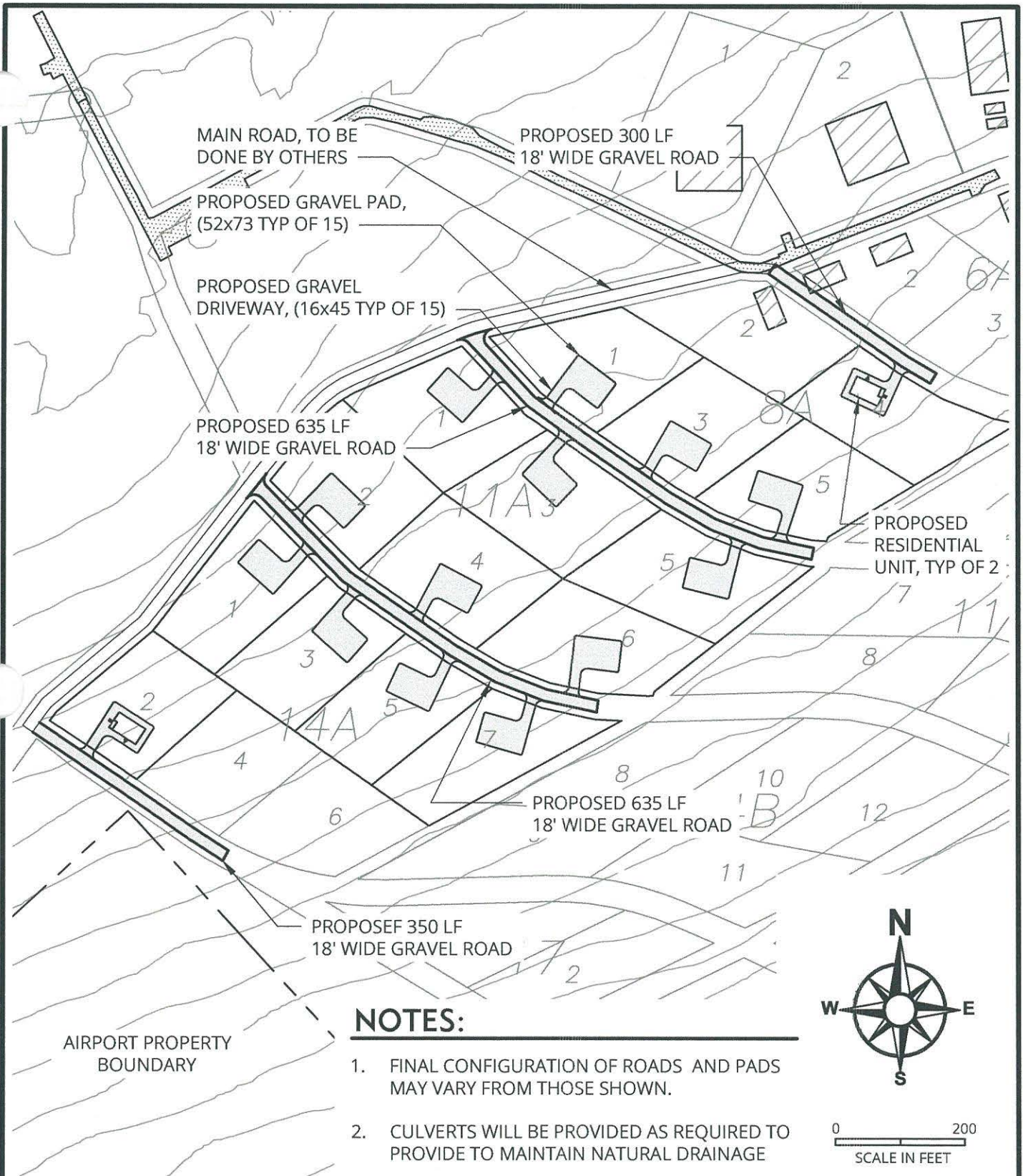
Enclosures

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
shannon.dewandel@alaska.gov
audra.braser@alaska.gov
dnr.scro.dcom.cor@alaska.gov
Michael.walton@alaska.gov
jusdi.mcdonald@alaska.gov
oha.revcomp@alaska.gov
AOOARU.R10@epamail.epa.gov
FW7_POANotices@fws.gov

WJim@avcphousing.org; andy.concepcion@hud.gov; Abraham_Palacios@avcphousin.org;
Dave@lccak.com



P:\1000-1049\1000 AVCP RHA 3 YR IDIQ\1000.26 MERTARVIK USACE PERMIT_CIVIL\DWG\1000.26_DSI_MERTARVIK ACOE FIGURES.DWG

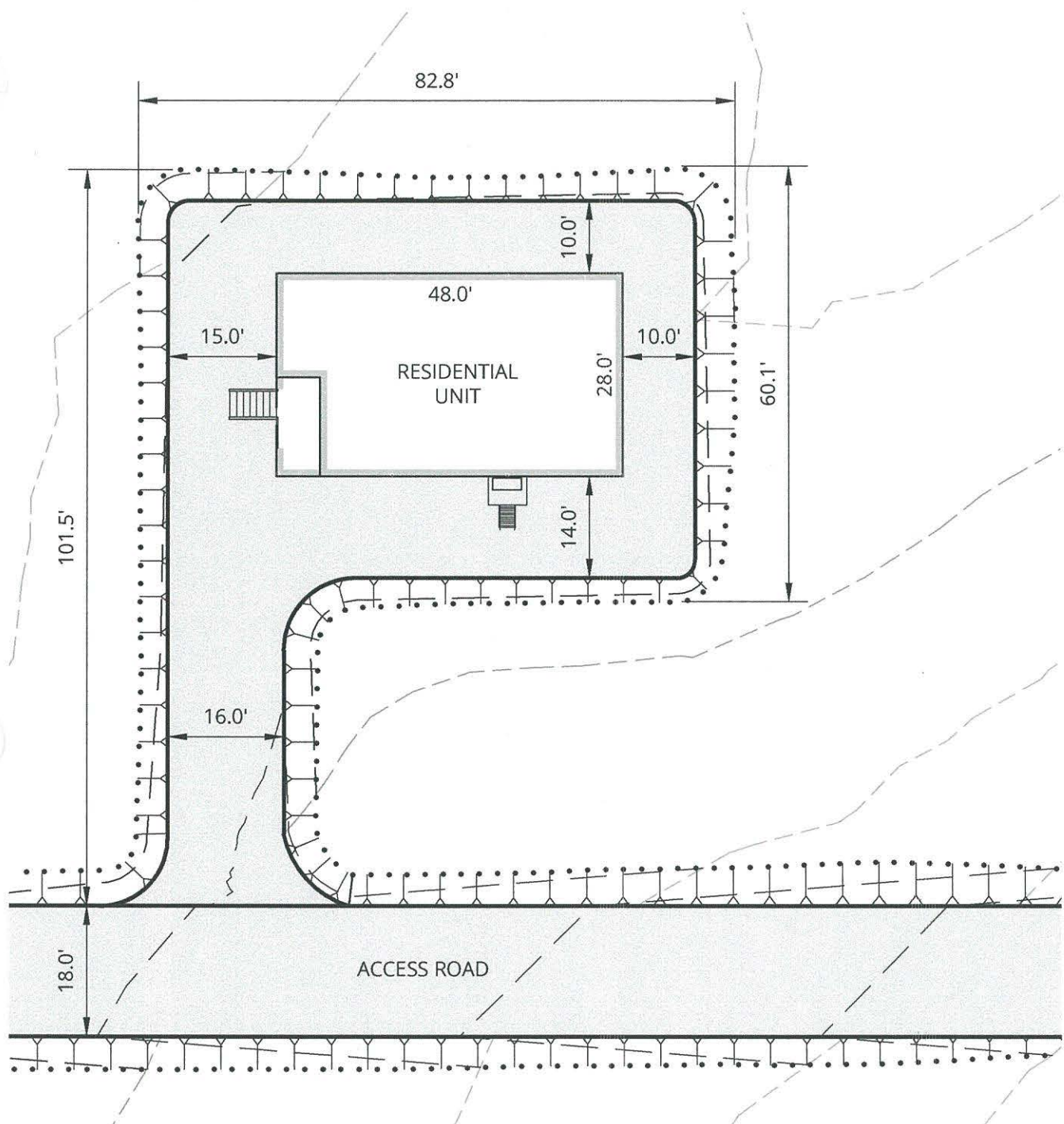
ICG
Lantech Inc
architecture - engineering - surveying
250 H Street
Anchorage, AK 99501
P (907) 243-8985
F (907) 243-5629
www.icgak.com

AVCP RHA FY 2017 HOUSING MERTARVIK, AK

SITE PLAN

COE PERMIT# POA-_____
JOB NO: 100.26
LOCATION: T 8 & 9 N, R 87 W, SEC. 2 & 34

POA-2016-329, Baird Inlet
AVCP RHA, Newtok relocation - Mertarvik
Drawings dated September 7, 2016
Sheet 2 of 6



P:\1000-1049\1000 AVCPRHA 3 YR IDIQ\1000.26 MERTARVIK USACE PERMIT\CIVIL\DWG\1000.26_DSL_MERTARVIK ACOE FIGURES.DWG

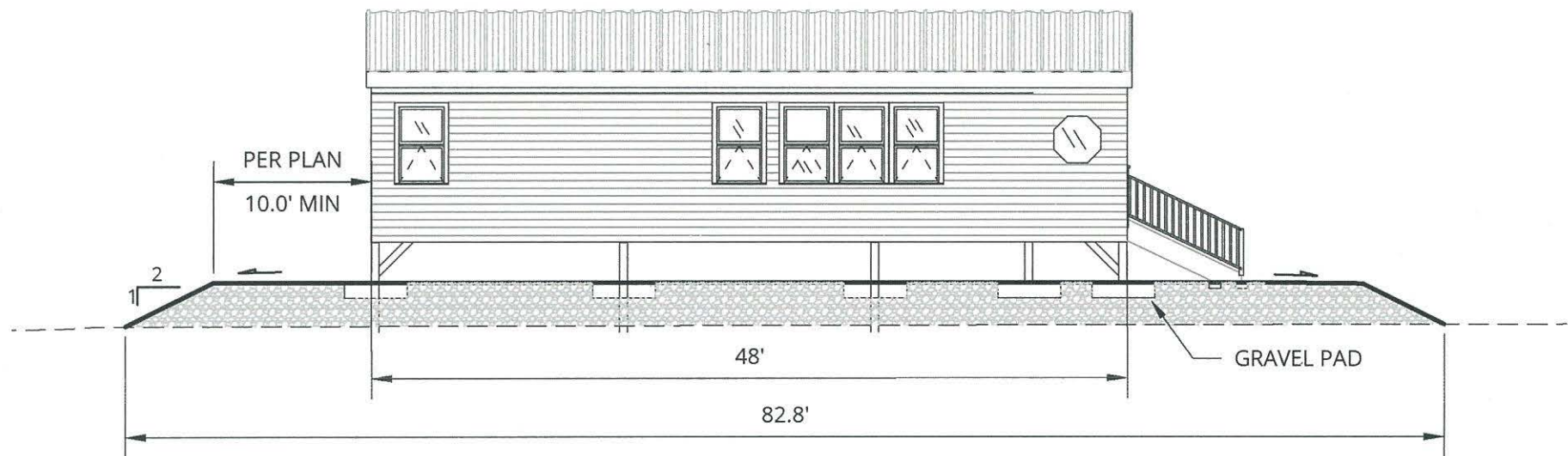
ICG
Lantech Inc
 architecture • engineering • surveying
 250 H Street
 Anchorage, AK 99501
 P (907) 243-8985
 F (907) 243-5629
 www.icgak.com

AVCPRHA FY2017 HOUSING MERTARVIK, AK

TYPICAL GRADING

COE PERMIT# POA-_____
 JOB NO: 100.26
 LOCATION: T 8 & 9 N, R 87 W, SEC. 2 & 34

POA-2016-329, Baird Inlet
 AVCP RHA, Newtok relocation - Mertarvik
 Drawings dated September 7, 2016
 Sheet 3 of 6



P:\1000-1049\1000 AVCPRHA 3 YR IDIQ\1000.26 MERTARVIK USACE PERMIT\CIVIL\DWG\1000.26_DSL_MERTARVIK ACOE FIGURES.DWG

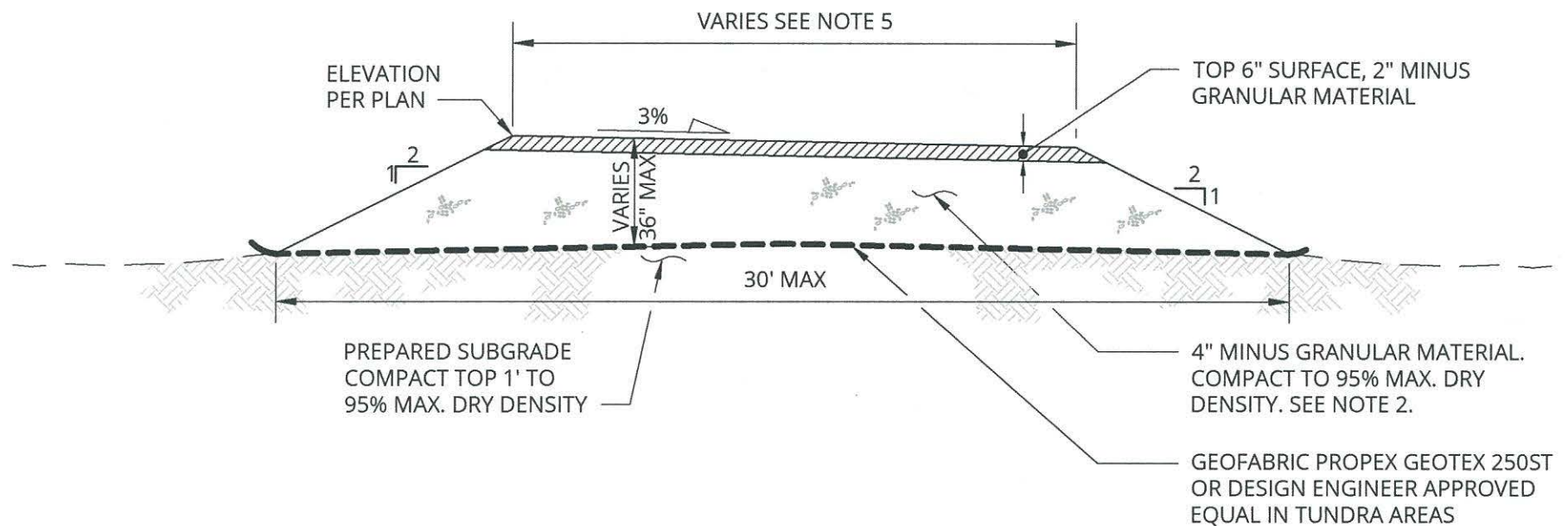
ICG
Lantech Inc
architecture · engineering · surveying
250 H Street
Anchorage, AK 99501
P (907) 243-8985
F (907) 243-5629
www.icgak.com

AVCPRHA FY2017 HOUSING MERTARVIK, AK

TYPICAL POST AND PAD SECTION

COE PERMIT# POA-_____
JOB NO: 100.26
LOCATION: T 8 & 9 N, R 87 W, SEC. 2 & 34

POA-2016-329, Baird Inlet
AVCP RHA, Newtok relocation - Mertarvik
Drawings dated September 7, 2016
Sheet 4 of 6



NOTES:

1. LIMIT OF EXCAVATION SHALL BE TO BOTTOM OF SURFACE ORGANIC LAYER UNLESS A LESSER LIMIT IS APPROVED BY THE ENGINEER.
2. FILL FOR DRIVEWAY CONSTRUCTION SHALL BE PLACED IN THAWED CONDITION AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. MAXIMUM LOOSE LIFT THICKNESS SHALL BE 12 INCHES.
3. CONTRACTOR SHALL RECONNECT EXISTING DRIVEWAY ENTRIES WHERE REQUIRED, AND SHAPE AND TRIM THE EDGE OF ROADWAY CUTS AND FILLS TO BLEND WITH NATURAL GROUND.
4. FILL MATERIAL SHALL BE LOCALLY AVAILABLE GRANULAR MATERIAL, OR THAWED NATIVE SOILS FREE OF ORGANICS AND FINES IN EXCESS OF 6% UNLESS OTHERWISE APPROVED BY DESIGN ENGINEER.
5. ROADWAY WIDTH SHALL BE 18' AND DRIVEWAY WIDTH SHALL BE 16' AND SHALL BE SLOPED AS INDICATED PER PLAN.

P:\1000-1049\1000 AVCPRHA 3 YR IDIQ\1000.26 MERTARVIK USACE PERMIT\CVIL\DWG\1000.26_DSL_MERTARVIK ACOE FIGURES.DWG

ICG
Lantech Inc
architecture • engineering • surveying
250 H Street
Anchorage, AK 99501
P (907) 243-8985
F (907) 243-5629
www.icgak.com

AVCPRHA FY2017 HOUSING MERTARVIK, AK ROADWAY AND DRIVEWAY TYPICAL SECTION

COE PERMIT# POA-_____
JOB NO: 100.26

POA-2016-329, Baird Inlet
AVCP RHA, Newtok relocation - Mertarvik
Drawings dated September 7, 2016
Sheet 5 of 6



P:\1000-1049\1000 AVCPRHA 3 YR IDIQ\1000.26 MERTARVIK USACE PERMIT_CIVIL\DWG\1000.26_DSI_MERTARVIK ACOE FIGURES.DWG

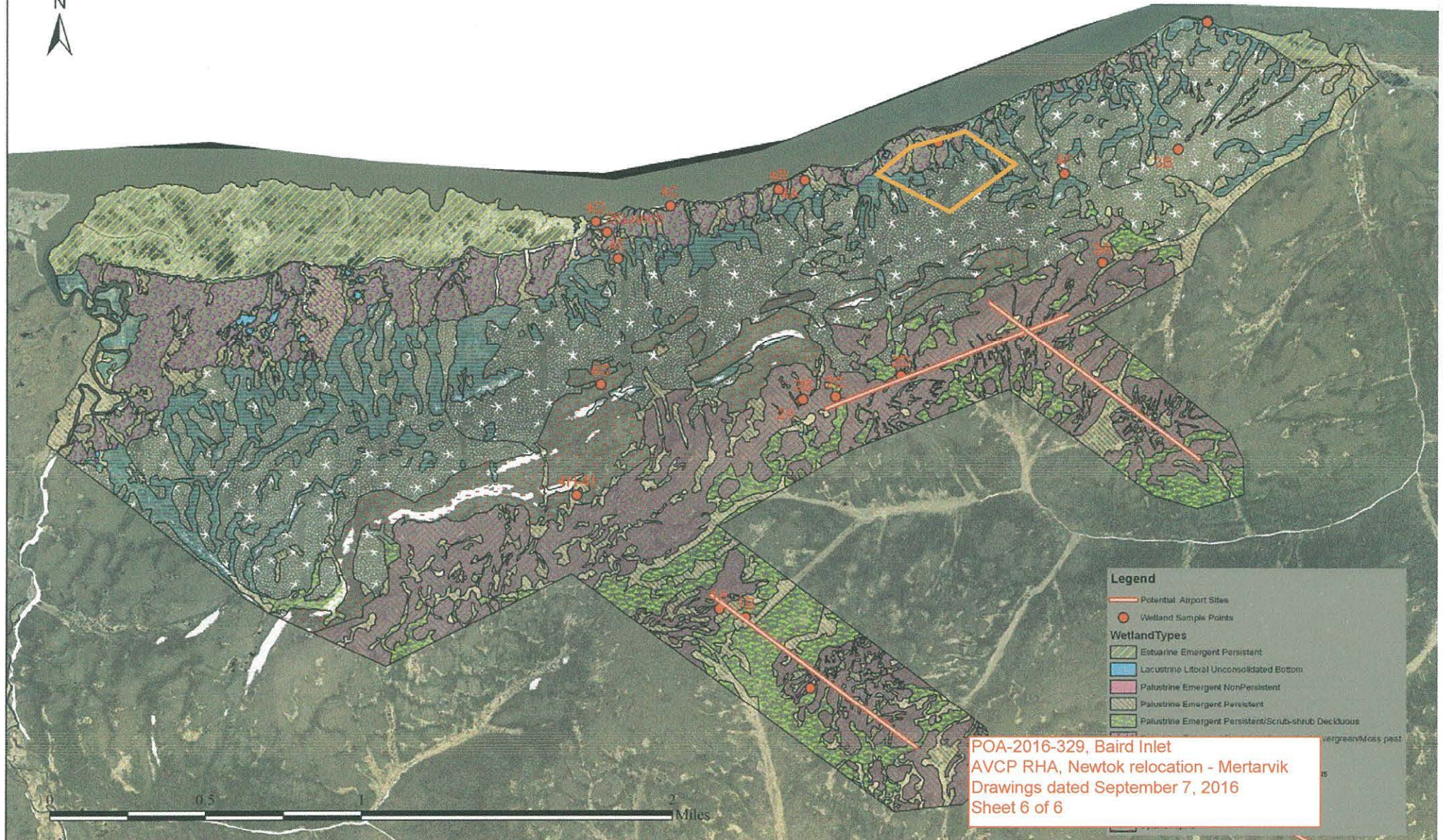
ICG
Lantech Inc
 architecture · engineering · surveying
 250 H Street
 Anchorage, AK 99501
 P (907) 243-8985
 F (907) 243-5629
 www.icgak.com

**AVCPRHA FY2017 HOUSING
 MERTARVIK, AK**

LOCATION AND VICINITY

COE PERMIT# POA-_____
 JOB NO: 100.26
 LOCATION: T 8 & 9 N, R 87 W, SEC. 2 & 34
 1/4 SECTION 34

POA-2016-329, Baird Inlet
 AVCP RHA, Newtok relocation - Mertarvik
 Drawings dated September 7, 2016
 Sheet 1 of 6



GENERAL PERMIT 2007-541-M1

**DISCHARGE OF FILL MATERIAL INTO WETLANDS FOR
PART I: GOVERNMENT-INITIATED RESIDENTIAL AND COMMUNITY DEVELOPMENTS
AND
PART II: PRIVATE RESIDENTIAL SUBDIVISION DEVELOPMENTS, THROUGHOUT THE STATE
OF ALASKA**

INTRODUCTION

Under the authority of Section 404 of the Clean Water Act (Public Law 95-217, 33 U.S.C. 1344 et seq.), the District Commander (DC), Alaska District, U.S. Army Corps of Engineers (Corps) reauthorizes and expands General Permit (GP) 2007-541.

All activities are contingent upon meeting the terms and conditions listed herein. Failure to comply with the terms and conditions of this GP could result in suspension, modification or revocation of the permit and/or imposition of penalties as provided by law. The placement of fill material in wetlands which does not fall within the scope of this GP, or which fails to meet this GP terms and conditions, would not be authorized by this GP and a Department of the Army nationwide permit or individual permit would be required. This GP does not supersede local wetland management plans, or other general permits such as those that occur in Bethel and Nome. This GP may be applied only where it does not conflict with an existing policy.

This GP is valid for a period of five years from the date of issuance. The DC of the Corps could, at any time during this period, alter, modify, or revoke the permit if he deems such action to be in the public interest.

PART I: GOVERNMENT-INITIATED RESIDENTIAL AND COMMUNITY DEVELOPMENTS

Part I of this GP, GOVERNMENT-INITIATED RESIDENTIAL AND COMMUNITY DEVELOPMENTS, authorizes the placement of dredged and/or fill material into wetlands for non-commercial residential and community construction projects in rural Alaska. Excluded are those areas within the city and municipal boundary limits of Anchorage, Palmer, Wasilla, Fairbanks, Juneau/Douglas, Homer, Seward, Kenai, Soldotna and the coastal boundary of the Aleutians West Coastal Resource Service Area. The Aleutians West Coastal Resource Service area extends from Unalga Pass in the east to Attu Island in the west, encompassing all land and water areas to the three mile offshore territorial limit. This includes the communities of Unalaska, Atka, and Nikolski, but does not include Adak Island. Only a federal (e.g., Department of Housing and Urban Development, Bureau of Indian Affairs), state, or city agency; Native Village/tribal organization; or local housing authority may apply for authorization under this GP.

Residential/community development is defined as housing and community buildings, such as schools, day care centers, utility buildings, health clinics, multi-use centers and the driveways, utilities, yards, and access roads associated with these projects.

PART II: PRIVATE RESIDENTIAL SUBDIVISION DEVELOPMENTS, THROUGHOUT THE STATE OF ALASKA

Part II of this GP, authorizes the placement of dredged and/or fill material into a maximum of five acres of wetlands for private residential subdivision developments in the state of Alaska. Excluded areas include the Municipality of Anchorage and the City and Borough of Juneau.

Private Residential Subdivision development is defined as the construction of a dwelling; a place of residence; or a person's fixed, permanent, and principal home for legal purposes. Residential development also includes work performed in association with site preparation such as fill pads, the installation of underground utilities, or on-site septic/sewer systems, and driveway construction.

THE FOLLOWING APPLY TO BOTH PART I AND PART II OF THIS GP
LIMITATIONS OF THIS GP

- 1) This GP applies **only** to activities authorized under Section 404 of the Clean Water Act.
- 2) Fill for the development of a new subdivision or the addition of fill to any existing subdivision shall meet the following criteria:
 - a) Total fill area will not cumulatively exceed five acres of impacts (i.e. roads in combination with house pads, driveways and other fill on individual lots) in wetlands.
 - b) Individual house fill pads and associated development will not exceed a footprint size of 0.30 acres in wetlands (i.e., total fill for the house pad, parking area, utility lines, and driveway will not exceed 0.30 acres in wetlands).
 - c) Access roads will not cumulatively exceed 2,000 feet long by 30 feet wide footprint dimensions in wetlands. Residential access roads shall be defined as any road constructed primarily to access two or more residential lots or a community project.
 - d) Individual community development projects such as schools and health clinics will not exceed a footprint size of one acre in wetlands (i.e., total fill for the building pad, parking area, utility lines, and driveway will not exceed one acre in wetlands).
 - e) Driveways will be limited to a maximum footprint dimension of 200 feet long by 30 feet wide and defined as a connecting link of fill between a road and an individual house or community development pad.
- 3) Specific activities excluded from this GP are power generation plants, fuel storage areas (i.e., fuel tank farms), sewage treatment facilities; and material sites.
- 4) Fill material shall not be placed into or within 200 feet horizontally, of the Ordinary High Water mark or High Tide Line of any open water body, including streams, sloughs, rivers, ponds, lakes, and emergent wetlands, unless needed for the placement of culverts and bridges on access roads and driveways crossing streams and sloughs that are not anadromous waters including, but not limited to catalogued streams identified in the *Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes* (available at <http://www.adfg.alaska.gov/sf/SARR/AWC/>). Projects requiring the placement of fill within 200 feet of the ordinary high water mark or high tide line of any open water body must provide written justification and a vegetative buffer must be left in place between the water body and the facility. The vegetative buffer must be indicated on the project plans.
- 5) Activities covered under this GP shall not affect any species listed as threatened or endangered under the Endangered Species Act of 1973 (ACT), or their critical habitat designated as endangered or threatened, nor jeopardize the continued existence of any proposed species under the ACT. If a proposed project covered under this GP is found to affect but not likely to adversely affect a listed species or their critical habitat the U.S. Fish and Wildlife Service shall be consulted under Section 7 of the ACT. If a proposed project covered under this GP may affect listed species or their critical habitat the U.S. Fish and Wildlife Service shall be consulted under Section 7 of the ACT.
- 6) This GP does not apply if Essential Fish Habitat (EFH) is adversely affected. Contact the National Oceanic and Atmospheric Administration for information about EFH.
- 7) This GP does not apply to state designated Critical Habitat Areas, Game Refuges and Sanctuaries, and habitat areas identified as important by the Alaska Department of Fish and Game, unless the activity is specifically authorized by the agency with jurisdiction over these lands.
- 8) This GP does not apply to construction activities within any unit of the National Wildlife Refuge System, the National Park System, or component of the National Wild and Scenic River System (existing and nominated).
- 9) This GP does not authorize construction activities that would adversely affect historic properties that have been determined eligible, or that have been listed on the National Register of Historic Places. If a determination of eligibility has not been previously completed, a determination must be completed prior to project commencement.

If the historic property cannot be avoided, ways to minimize or mitigate adverse affects will be agreed upon through consultation with the Corps, Alaska State Historic Preservation Officer (SHPO), the appropriate Indian tribes, other interested parties, and if necessary, the Advisory Council on Historic Preservation.

10) This GP does not apply to any activity involving the use or storage of hazardous wastes or hazardous substances as part of their principal purpose. These materials are defined in the Solid Waste Disposal Act, as amended by the Resource Conservation Recovery Act (RCRA), 42 U.S.C. 6901 et seq., and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Contact the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency for information about hazardous substances.

CONDITIONS OF GP

All activities identified and authorized by this GP shall be consistent with the conditions listed below. The Corps can also add special conditions to a GP authorization.

- 1) No work shall be done under this GP without first obtaining a GP verification from the Alaska District Corps.
- 2) Any activity authorized by this GP must be completed by the date specified in the Corps authorization letter.
- 3) The activity must be a single and complete project. The same GP cannot be used more than once for the same single and complete project.
- 4) The permittee shall implement the construction or operation of the work authorized herein in a manner so as to minimize adverse impacts on wildlife and natural environment.
- 5) The fill area shall be minimized by consolidating activities and uses of the fill. For example utility lines (water, electrical, telephone, sewer, etc.) shall be located within the road or driveway fill when practicable.
- 6) If permafrost is present, sufficient fill thickness and/or insulation shall be utilized in all fills to prevent detrimental thermal degradation.
- 7) Natural drainage patterns shall be maintained in the project area using appropriate ditching, culverts, storm drain systems, and/or other measures, without introducing ponding or drying. Excessive ponding and/or dewatering of areas adjacent to fills indicate non-compliance with this condition.
- 8) During excavation and fill placement, heavy equipment must not be operated in wetlands outside the authorized excavation and fill area. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.
- 9) No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).
- 10) No fill or construction materials shall be stockpiled in wetlands, outside of the project boundary which shall be staked, or otherwise delineated, prior to any mechanized land clearing or fill placement.
- 11) Temporary storage of excavated and/or excess material on-site must be managed to prevent sediment from being carried into adjacent wetlands and waters, and to prevent leachate from causing odor problems or degradation of water quality. Unusable or excess material must be disposed of at an approved disposal site.
- 12) Prior to construction, erosion control measures, such as silt fencing, sediment traps, or water diversion structures, must be properly deployed and installed. During construction, silt and sediment from the site work must be prevented from entering wetlands or water bodies outside the authorized project limits. Methods shall be implemented to filter or settle out suspended sediments from all construction-related wastewater prior to its direct or indirect discharge into any natural body of water.

13) All exposed fills (including side slopes) and disturbed areas shall be stabilized immediately after construction to prevent erosion. Re-vegetation of the disturbed areas shall begin as soon as site conditions allow. Species to be used for seeding and planting shall follow this order of preference:

- a) Species native to the site.
- b) Species native to the area.
- c) Species native to the state.

Active sloughing, increased water turbidity and sediment in drainage ditches, streams, sloughs, and/or adjacent wetlands shall be evidence of insufficient stabilization.

14) Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA approved state or local floodplain management requirements. Fuel storage tanks shall be located above the 100-year flood level and must be designed to withstand a 100-year flood event when a 100-year flood level has been established for a site. If the 100-year flood level has not been established for a site, the tank flood design shall be developed by an engineer to withstand flood levels based on anecdotal evidence, physical evidence, climate data, and good engineering judgment.

15) Material must be available at the site to contain and clean up incidental spills and leaks, and must be used to contain and clean up any petroleum product spilled as a result of construction activity.

16) The boundaries of the permitted fill area in wetlands shall be staked and/or flagged prior to construction to prevent inadvertent encroachment of adjacent wetlands.

17) The proposed activity shall not be located within one-half mile of an eagle nest site unless the U.S. Fish and Wildlife Service determines that the activity will not impact the eagles. The applicant has additional responsibilities to protect eagles under provisions of the Bald and Golden Eagle Protection Act (16 U.S.C. 668a-d) <http://www.fws.gov/midwest/Eagle/guidelines/index.html>.

18) No cultural resources shall be adversely affected by activities authorized by this GP. If the permittee discovers any previously undiscovered archeological, paleontological, or historic resource, while conducting activities authorized by this GP, the DC must be immediately notified by calling (800) 478-2712. The Corps will notify the SHPO, and the coastal district (if within a coastal district), of what has been found. The Corps or the appropriate federal land manager will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

19) Federal applicants must provide evidence that they have initiated consultation with the SHPO and if necessary, the Advisory Council on Historic Preservation as per Section 106 of the National Historic Preservation Act.

20) No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

21) No subsistence resources shall be adversely impacted by activities.

22) The Migratory Bird Treaty Act prohibits the willful killing or harassment of migratory birds. Where practicable, clearing, excavation, and fill activities shall be completed before or after the nesting season to avoid impacts to breeding migratory birds unless the site has been sufficiently disturbed or altered during non-breeding periods (e.g., with fill, plastic, or other materials) to eliminate suitable nesting habitat (for example, the work area could be cleared of vegetation before the breeding season. This would render the area unsuitable for breeding birds before their arrival and facilitate work during the breeding season without impacts to birds. However, large areas should not be stripped of vegetation months before initiating work, which could result in even greater damage caused by excessive erosion). Nesting seasons vary throughout the state and U.S. Fish and Wildlife or the Corps should be contacted to determine when these disturbance activities should be avoided. For further information you may look at the USFWS site, http://alaska.fws.gov/fisheries/fieldoffice/anchorage/pdf/vegetation_clearing.pdf

23) Prior to fill placement and installation of any on-site wastewater treatment system (including mounded systems or package plants) within the fill site or contiguous wetlands, on-site sewage system design plan approval shall be obtained from the Alaska Department of Environmental Conservation.

24) The proposed operation activity shall be in compliance with applicable State of Alaska, Department of Environmental Conservation, Alaska Pollution Discharge Elimination System Permit.

25) A General Permit for the described work will not be issued until a certification or waiver of certification, as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation. The permittee shall adhere to the alternative measures specified in the Alaska Department of Environmental Conservation's Certificate of Reasonable Assurance. A copy of the certification is attached to this GP. These measures will remain conditions of this GP unless expressly modified or deleted, in writing, by the DC or his authorized representative. Additionally, dredge or fill activities are prohibited within 200 feet of any public water supply intake.

26) The permittee shall contact the Alaska Department of Transportation and Public Facilities if proposed access roads are connected to the State road system. This will ensure that the access roads and driveway widths are sufficient to meet State standards.

27) Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance. The permittee must maintain the lands and facilities subject to this GP in good condition and in conformance with the terms and conditions of this GP. The permittee is not relieved of this requirement even if the activity is abandoned. The permittee may transfer the permit to a third party in compliance with condition number 29 below. Should the permittee cease to maintain the authorized activity or should they desire to abandon the project without a transferee, then the permittee must obtain approval from this office, which may require restoration of the area.

28) If the permittee sells the property associated with a GP verification, the permittee may transfer this GP verification to the new owner by submitting a letter to the Corps to validate the transfer. A copy of this GP verification must be attached to the letter, and the letter must contain the following statement and signature: "When the structures or work authorized by this GP are still in existence at the time the property is transferred, the terms and conditions of this GP, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this GP and the associated liabilities associated with compliance with its terms and conditions, the signature of the transferee and date appear below."

(Transferee signature)

(Date)

(Printed name)

29) Any activity being performed under this permit may be summarily suspended, in whole or in part, upon a finding by the DC that there is noncompliance with any of the terms or conditions of this GP, or that there is noncompliance with a related nationwide or individual permit, or that there is a violation of Federal law associated with the activity, or that the immediate suspension of the activity authorized herein would be in the general public interest. Such suspension shall be effective upon receipt by the permittee of a written notice thereof which shall indicate: (1) the extent of the suspension; (2) the reasons for such action; and (3) any corrective or preventive measures to be taken by the permittee which are deemed necessary by the DC to abate imminent hazards to the general public interest. The permittee shall take immediate action to comply with the provisions of such notice. Within 10 days following receipt of a notice of suspension, the permittee may request a public hearing in order to present information relevant to a decision as to whether the authorization should be reinstated, modified, or revoked. If a hearing is requested, it shall be conducted pursuant to procedures prescribed by the Chief of Engineers. After completion of the hearing, or within a reasonable time after issuance of the suspension notice to the permittee, if no hearing is requested, the authorization will either be reinstated, modified, or revoked.

30) The permittee shall allow the DC or their authorized representative(s) to inspect authorized work at any time deemed necessary to assure that on-going and completed work is in compliance with the terms and conditions of this GP.

31) All activities identified and authorized herein shall be undertaken in a manner that is consistent with the terms and conditions of this GP, and any activities undertaken by the permittee that are not specifically identified and authorized herein shall constitute noncompliance with the terms and conditions of this GP, and consequently, a violation of the Clean Water Act, which may result in the modification, suspension, or revocation of any authorization by the Corps in whole or in part, and in the institution of such legal, administrative, or judicial proceedings as the United States Government may consider appropriate, whether or not these permits have been previously modified, suspended, or revoked in whole or in part.

32) Fill shall only be placed in wetlands for house pads, drives or septic systems when lots have been sold for residential construction, or if the applicant chooses to build homes for sale, model, or personal use.

33) Measures should be implemented to prevent the introduction and spread of invasive plant and animal species, such as washing equipment to remove dirt and debris that might harbor invasive seeds before entering the jobsite, using weed-free fill, disposing of spoil and vegetation contaminated with invasive species appropriately, and revegetating with local native plant species.

APPLICATION PROCEDURES

Any entity may apply for authorization by submitting an application or letter to the Corps with the following information:

1) A project description that includes purpose of fill; project location including section, township, range, and USGS quadrangle map number; number of structures; cubic yards of fill material required; and dimensions of fill in square feet for buildings, roads, and any other features of the project that require fill placement in wetlands.

2) Three types of drawings (see enclosed figures 1-4) that include:

- a) Vicinity map depicting location of the project on a map such as a 1:63,360 USGS quadrangle map and on a smaller scale map of Alaska (see enclosed example Figure 1). Maps should show lake and stream locations, drainage patterns, and topography.
- b) Plan view of the project showing the layout of buildings, roads, and other project features in relation to adjacent features such as ponds and creeks (to scale if possible). The plan view shows the proposed activity as if you were looking down on it (see enclosed example Figures 2 and 3). Plans must include total footprint size of project fill pad and show location and size of proposed culverts or other water-crossing structures.
- c) Cross section of excavation and/or fill including approximate side slopes. The cross section represents the project as it would appear if cut internally for display (see enclosed example Figure 4). Since drawings may be reproduced, use heavy dark lines. Drawings do not have to be prepared by a professional, but should be clear and easily understood.

3) A description of soil conditions and building foundation type proposed.

4) The type of material and location of the material source to be used as fill for the project.

5) Photographs (if available) or any other information that would verify that the proposed work is in wetlands and meets the conditions of this GP. The project footprint overlaid on an aerial photo is especially helpful.

CORPS AUTHORIZATION PROCESS

1) Applicant submits a request to the Corps for a permit by methods outlined in the application procedures above.

2) The Corps reviews the application and preliminarily determines whether this GP is applicable.

3) The Corps will send the project plans to appropriate agencies for review. The agencies have ten calendar days from the date the Corps sends the project plans to them, to contact the Corps in writing, by FAX, email, or

telephone, with comments on the project. If the agencies need additional time to provide substantive, site-specific comments, the Corps will wait an additional 15 calendar days before making a permit decision. Specific condition recommendations by the agencies will be incorporated as appropriate. If the applicant can provide documentation of recent coordination regarding their specific project with these agencies, the agency coordination can potentially be waived.

4) The Corps issues the applicant a GP verification letter, or based upon review, the Corps notifies the applicant that a GP is not appropriate for the proposed project.

MITIGATION

This GP is conditioned to prohibit discharges of any fill material within 100 feet of any streams, sloughs, rivers, ponds, lakes, permanently flooded wetlands or tidal waters (except Part II for placement of culverts and bridges when crossing non anadromous streams for driveways and access roads). This GP also includes other conditions requiring best management practices to minimize impacts to wetlands. Additionally a mitigation statement is required with the application showing the avoidance, minimization and compensatory mitigation proposal for unavoidable impacts. Link to Title 22 CFR 332: http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&SID=f2bf2b888b4ffa72e99f22691f59dfc4&tpl=/ecfrbrowse/Title33/33cfr332_main_02.tpl

For properties located in the Mat-Su Borough, Kenai Peninsula Borough, or Fairbanks North Star Borough compensatory mitigation will be required at a minimum of 1.5:1 ratio based on a functional assessment of wetlands in the project area. For all other locations covered by this GP 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 wetlands 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 will be considered on a case by case basis for all wetland losses that exceed 1/10-acre and require pre-construction 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, 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 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 in the following order of preference:

a) *Mitigation bank credits.* When permitted impacts are located within the service area of an approved mitigation bank, and the bank has the appropriate number and resource type of credits available, the permittee's compensatory mitigation requirements may be met by securing those credits from the sponsor.

b) *In-lieu fee program credits.* Where permitted impacts are located within the service area of an approved in-lieu fee program, and the sponsor has the appropriate number and resource type of credits available, the permittee's compensatory mitigation requirements may be met by securing those credits from the sponsor. Where permitted impacts are not located in the service area of an approved mitigation bank, or the approved mitigation bank does not have the appropriate number and resource type of credits available to offset those impacts, in-lieu fee mitigation, if available, is generally preferable to permittee-responsible mitigation.

c) *Permittee-responsible mitigation under a watershed approach.* Where permitted impacts are not in the service area of an approved mitigation bank or in-lieu fee program that has the appropriate number and resource type of credits available, permittee-responsible mitigation is the only option.

d) *Permittee-responsible mitigation through on-site and in-kind mitigation.* In cases where a watershed approach is not practicable, the district engineer should consider opportunities to offset anticipated aquatic resource impacts by requiring on-site and in-kind compensatory mitigation.

e) *Permittee-responsible mitigation through off-site and/or out-of-kind mitigation.* If, after considering opportunities for on-site, in-kind compensatory mitigation, the district engineer determines that these compensatory mitigation opportunities are not practicable, are unlikely to compensate for the permitted impacts, or will be incompatible with the proposed project, and an alternative, practicable off-site and/or out-of-kind mitigation opportunity is identified that has a greater likelihood of offsetting the permitted impacts or is environmentally preferable to on-site or in-kind mitigation, the district engineer should require that this alternative compensatory mitigation be provided.

2) 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 GP authorization, instead of components of a compensatory mitigation plan.

3) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of this GP, 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 this GP.

MONITORING

The Corps will conduct an annual review of all projects authorized during the previous year. Pertinent information from these cases shall be compiled into a report and entered in the official GP file. Copies of this report shall be made available to the interested public, and to local, state and federal agencies for their information upon request. In addition, periodic field inspections shall be undertaken by this office of projects authorized under this GP. Reports shall be prepared for all field inspections and entered into the official GP file. The Regulatory Division shall maintain a file of GP-related documents and monitoring efforts. Information contained in this GP file shall provide the basis for the decision whether or not to revise or renew this GP. If it is determined that projects authorized by this GP result in greater than minimal adverse environmental impacts, then this GP shall be modified, suspended, or revoked to prevent further impacts.

LIMITS OF THIS AUTHORIZATION

1) This GP does not grant any property rights, either in real estate or material, or any exclusive privileges; and it does not authorize any injury to property, invasion of rights, or infringement of federal, state, or local laws or regulations.

2) This GP does not authorize the interference with any existing or proposed federal projects.

3) This authorization does not obviate the need for other federal, state, and local permits, licenses, or approvals that may be required for the proposed work.

LIMITS OF FEDERAL LIABILITY

In issuing this GP, the federal government does not assume any liability for the following:

1) Damages to the permitted project or uses thereof as a result of other permitted or non-permitted activities or from natural causes.

2) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States which are not contrary to the public interest.

3) Damages to persons, property, or to other permitted or non-permitted activities or structures caused by an activity authorized by this GP.

4) Design or construction deficiencies associated with the permitted work.

5) Damage claims associated with any future modification, suspension, or revocation of this permit.

REEVALUATION OF PERMIT DECISION

The Corps may reevaluate its decision to issue a GP authorization to any person or agency at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- 1) The permittee fails to comply with the terms and conditions of this permit.
- 2) The information provided by the permittee in support of the application proves to have been false, incomplete, or inaccurate.
- 3) Significant new information surfaces, which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CF 326.4 and 326.5. The referenced enforcement procedures provide for terms and condition of the permit and for the initiation of legal action where appropriate. The permittee will be required to pay for any corrective measures ordered by this office, and if the permittee fails to comply with said directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or other means and bill the permittee for the cost.


PENALTIES FOR NONCOMPLIANCE/VIOLATIONS

Failure to comply with the terms and conditions of this GP may result in suspension of the work, revocation of the permit, removal of fill material or other structure, restoration of areas subject to Corps jurisdiction, and/or impositions of penalties as provided by law. The discharge of fill material not in accordance with the terms and conditions of this GP constitutes a violation of Section 301 of the Clean Water Act (33 U.S.C. 1319), and upon conviction thereof is punishable, in accordance with Section 309 of the Clean Water Act, by a fine of not less than \$2,500, nor more than \$25,000, per day of violation, or imprisonment of not more than one year, or both. That individual is also subject to a civil penalty not to exceed \$25,000 per day of the violation.

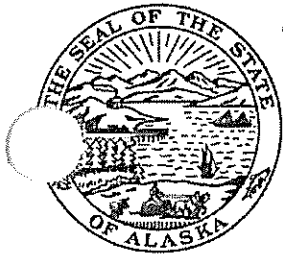
TERM

This GP is effective for 5 years from the date of issuance unless otherwise modified, suspended, or revoked. Authorized work must be completed within 12 months after the expiration date of this GP.

FOR THE DISTRICT COMMANDER:


Karen Kochenbach
Division Chief
Regulatory Division
Alaska District, Corps of Engineers

12/10/12
Date



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of Environmental
Conservation

DIVISION OF WATER
Wastewater Discharge Authorization Program

555 Cordova Street
Anchorage, Alaska 99501-2617
Main: 907.269.6285
fax: 907.334.2415
www.dec.alaska.gov/water/wwdp

December 6, 2012

Certified Mail: 7009-2820-0001-7169-3582

United States Army Corps of Engineers
Alaska District, Regulatory Division
Post Office Box 6898
JBER, Alaska 99506-0898
Attention: Colonel Christopher D. Lestochi

Re: General Permit, Residential and Community Projects within the State of Alaska
Reference No. POA-2007-541-M1

Dear Colonel Lestochi:

In accordance with Section 401 of the Federal Clean Water Act of 1977 and provisions of the Alaska Water Quality Standards, the Department of Environmental Conservation (DEC) is issuing the enclosed Certificate of Reasonable Assurance for placement of fill material in waters of the U.S. in association with the development of .

DEC regulations provide that any person who disagrees with this decision may request an informal review by the Division Director in accordance with 18 AAC 15.185 or an adjudicatory hearing in accordance with 18 AAC 15.195 – 18 AAC 15.340. An informal review request must be delivered to the Director, Division of Water, 555 Cordova Street, Anchorage, AK 99501, within 15 days of the permit decision. Visit <http://www.dec.state.ak.us/commish/ReviewGuidance.htm> for information on Administrative Appeals of Department decisions.

An adjudicatory hearing request must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 303, PO Box 111800, Juneau, AK 99811-1800, within 30 days of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

By copy of this letter we are advising the U.S. Army Corps of Engineers of our actions and enclosing a copy of the certification for their use.

Sincerely,

James Rypkema
Section Manager, Storm Water and Wetlands

Enclosure: 401 Certificate of Reasonable Assurance

cc: (with encl.)
Mary Romero, USACE, Anchorage
Sarah Conn, USF&WS, Fairbanks

Matt LaCroix, EPA, Anchorage
Brenda Krauss, DEC, Juneau

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CERTIFICATE OF REASONABLE ASSURANCE

A Certificate of Reasonable Assurance, in accordance with Section 401 of the Federal Clean Water Act and the Alaska Water Quality Standards is issued to United States Army Corps of Engineers Alaska District, Regulatory Division, Post Office Box 6898, JBER, Alaska 99506-0898, for placement of fill material in waters of the U.S. in association with construction under the General Permit POA-2007-541-M1 for Residential and Community Projects within the State of Alaska. Limitations of this GP include: that subdivision construction shall not exceed five acres of wetland fill, with individual house pads not exceeding 0.30 acres wetland fill. Fill for any project shall not be placed within 200 feet horizontally from open water of any kind unless part of culvert installation and bridge installation. A State Water Quality Certification is required under Section 401 because the proposed activity will be authorized by a U.S. Army Corps of Engineers permit, reference number POA-2007-541-M1, and a discharge of pollutants to waters of the U.S. located in the State of Alaska may result from the proposed activity. Public notice of the application for this certification was given as required by 18 AAC 15.180 in the Corps Special Public Notice POA-2007-541-M1 posted from June 25, 2012 to August 24, 2012.

The proposed activity is located Statewide in Alaska.

The Department of Environmental Conservation (DEC) reviewed the application and certifies that there is reasonable assurance that the proposed activity, as well as any discharge which may result, will comply with applicable provisions of Section 401 of the Clean Water Act and the Alaska Water Quality Standards, 18 AAC 70, provided that the following alternative measures are adhered to.

1. Reasonable precautions and controls must be used to prevent incidental and accidental discharge of petroleum products or other hazardous substances. Fuel storage and handling activities for equipment must be sited and conducted so there is no petroleum contamination of the ground, surface runoff or water bodies.
2. During construction, spill response equipment and supplies such as sorbent pads shall be available and used immediately to contain and cleanup oil, fuel, hydraulic fluid, antifreeze, or other pollutant spills. Any spill amount must be reported in accordance with Discharge Notification and Reporting Requirements (AS 46.03.755 and 18 AAC 75 Article 3). The applicant must contact by telephone the DEC Area Response Team for the project's area: Central Alaska at (907) 269-3063, Northern Alaska at 451-2121, or Southeast Alaska (907) 465-5340 during work hours or 1-800-478-9300 after hours. Also, the applicant must contact by telephone the National Response Center at 1-800-424-8802.
3. Runoff discharged to surface water (including wetlands) from a construction site disturbing one or more acres must be covered under Alaska's General Permit for Storm Water Discharges from Large and Small Construction Activities in Alaska (AKR100000). This permit requires a Storm Water Pollution Prevention Plan (SWPPP). For projects that disturb more than five acres, this SWPPP must also be submitted to DEC (William Ashton, 907-269-6283) prior to construction.
4. During the work on the culverts and bridges, construction equipment shall not be operated below the ordinary high water mark if equipment is leaking fuel, oil, hydraulic fluid, or any other

hazardous material. Equipment shall be inspected on a daily basis for leaks. If leaks are found the equipment shall not be used and pulled from service until the leak is repaired.

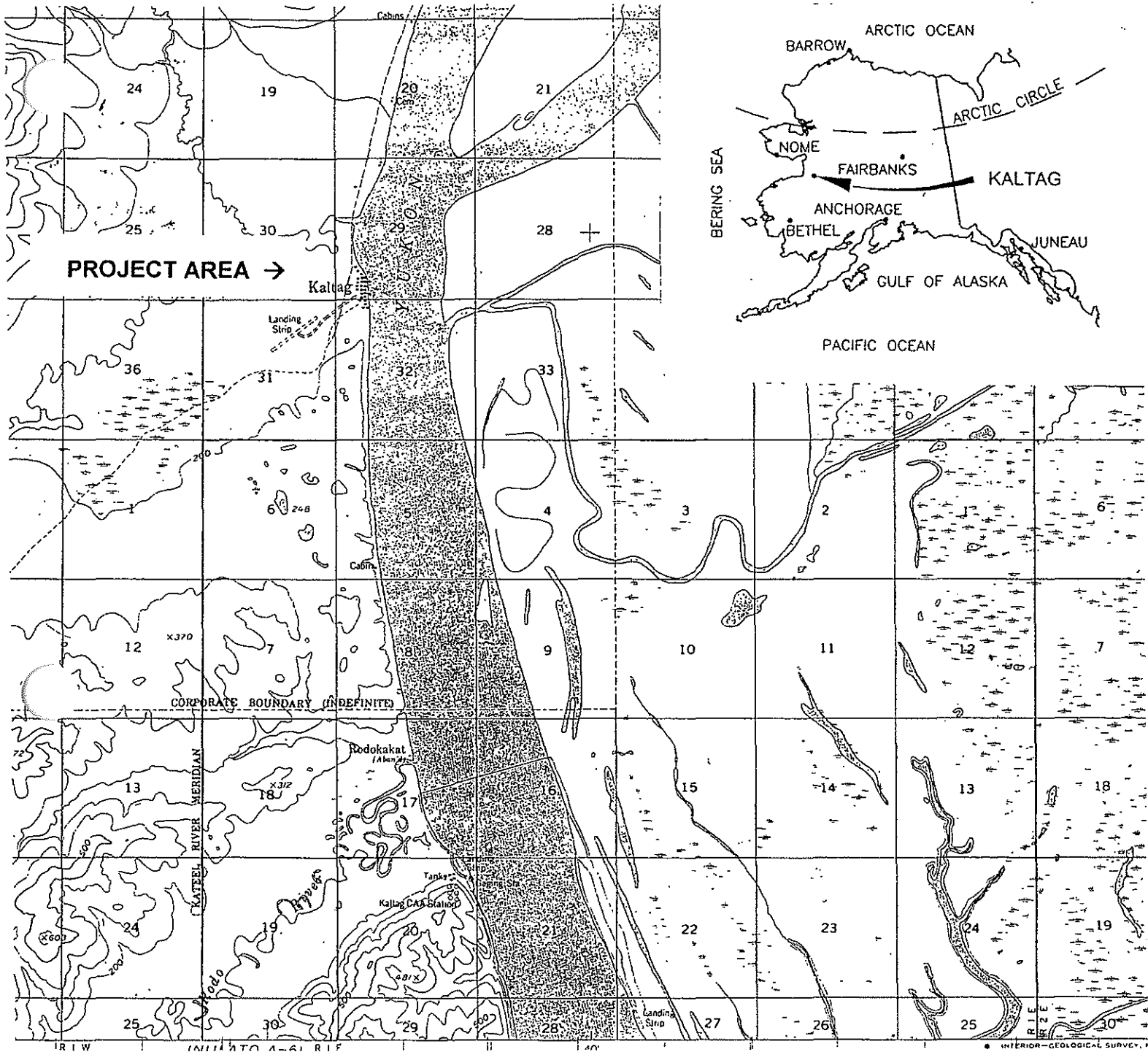
5. All work areas, material access routes, and surrounding wetlands involved in the construction project shall be clearly delineated and marked in such a way that equipment operators do not operate outside of the marked areas.
6. Natural drainage patterns shall be maintained, to the extent practicable, without introducing ponding or drying.
7. During construction through project completion, project best management practices must be utilized that ensure that construction fill and sediments are restricted to project footprint.
8. Any disturbed ground and exposed soil not covered with fill must be stabilized and re-vegetated with endemic species, grasses, or other suitable vegetation in an appropriate manner to minimize erosion and sedimentation.

This certification expires five (5) years after the date the certification is signed. If your project is not completed by then and work under U.S Army Corps of Engineers Permit will continue, you must submit an application for renewal of this certification no later than 30 days before the expiration date (18 AAC 15.100).

Date: December 6, 2012

James Rypkema, Section Manager
Storm Water and Wetlands

VICINITY MAP EXAMPLE



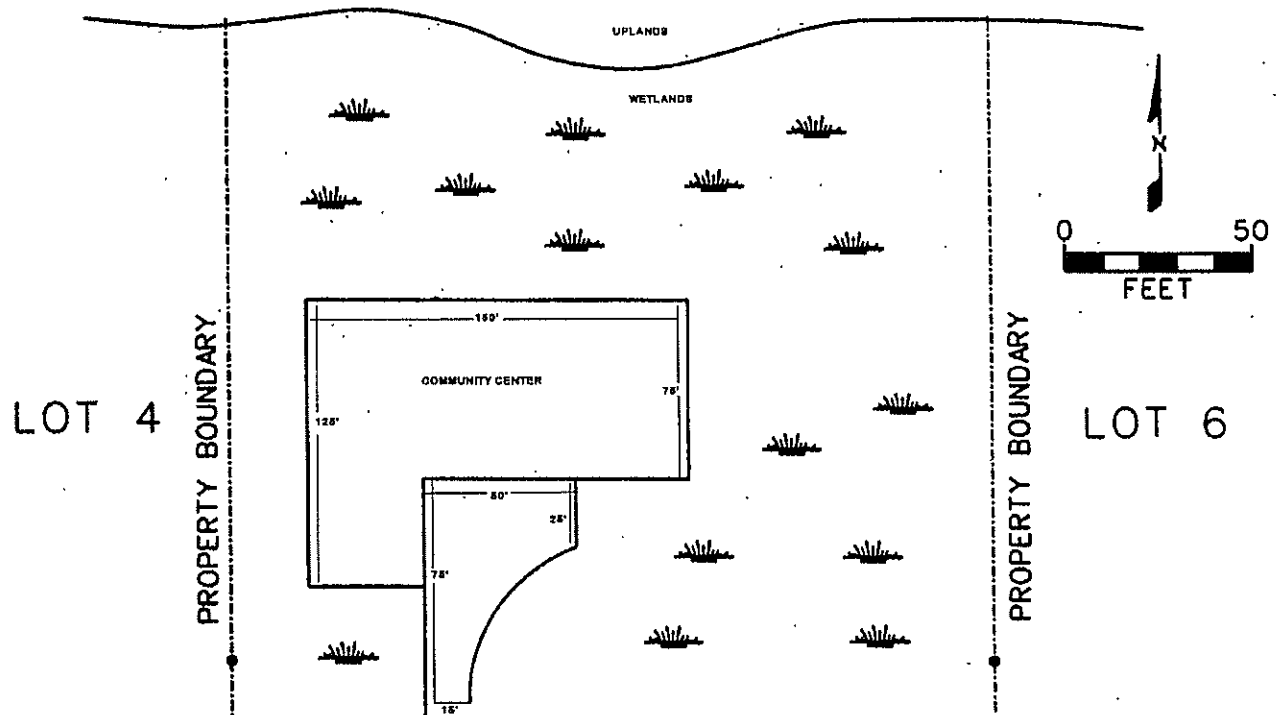
KALTAG COMMUNITY CENTER PROJECT

POA-	_____	_____
Applicant:	_____	
Waterway	_____	
Section	Township	Range
	Meridian	
3GS Quad	_____	
Latitude	Longitude	-
Drawings dated	_____	
Sheet	of _____	

↑
NORTH

FIGURE 1

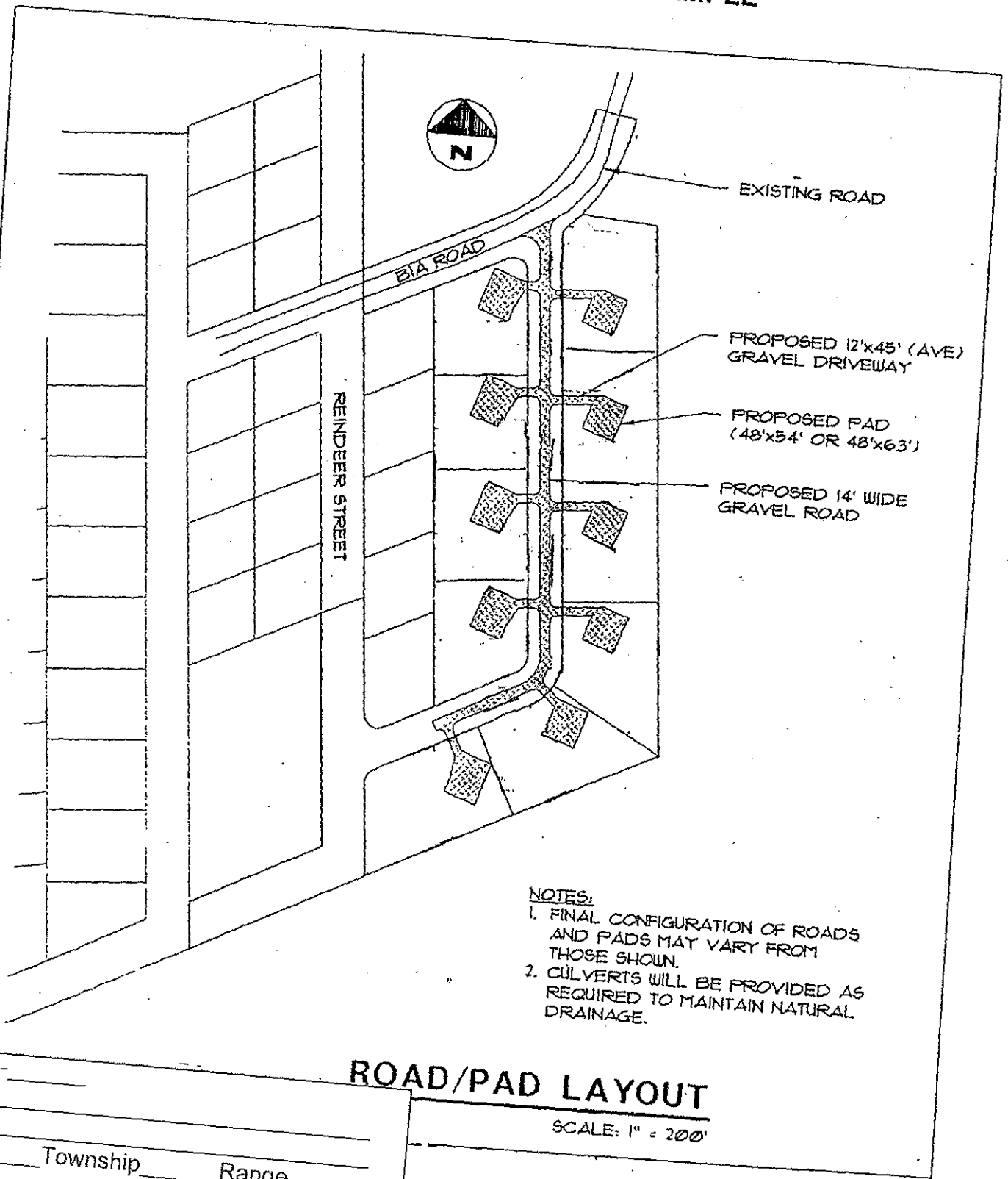
Plan View Example



- Plan view shows the proposed activity as if you were looking down on it.
- Show project size and layout of proposed work such as buildings, driveways, and roads in relation to other features such as wetlands and creeks.
- Include existing and proposed structures such as culverts and utilities.

POA- _____ - _____
 Applicant: _____
 Waterway _____
 Section _____ Township _____ Range _____
 _____ Meridian
 USGS Quad _____
 Latitude _____ Longitude _____ - _____
 Drawings dated _____
 Sheet _____ of _____

SUBDIVISION PLAN VIEW EXAMPLE



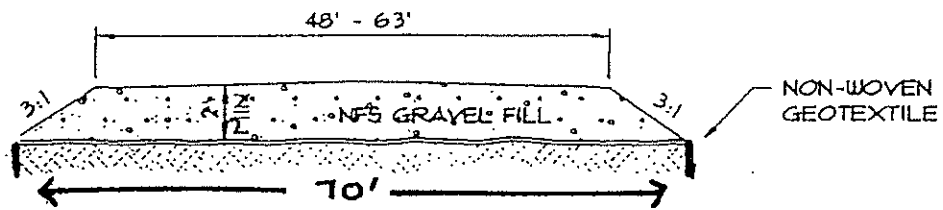
ROAD/PAD LAYOUT

SCALE: 1" = 200'

FIGURE 3

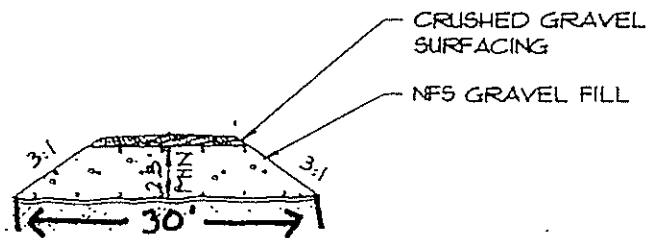
DA- _____
 Applicant: _____
 way _____
 n _____ Township _____ Range _____
 _____ Meridian _____
 GS Quad _____
 itude _____ Longitude _____
 wings dated _____
 et _____ of _____

CROSS SECTION EXAMPLE



TYPICAL PAD SECTION

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'



TYPICAL ROADWAY/DRIVEWAY SECTION

POA- _____	
Applicant: _____	
Waterway _____	
tion _____	Township _____ Range _____
Meridian _____	
USGS Quad _____	
Latitude _____	Longitude _____
Drawings dated _____	
Sheet _____	of _____

FIGURE 4

U.S. Army Corps of Engineers, Alaska District
GENERAL PERMIT APPLICATION FORM

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

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

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

Location of the Proposed Project Site:

Nearest Waterway:	
Section, Township, Range, and Meridian:	
Latitude and Longitude (Decimal Degrees, NAD-83):	
Nearest City:	Subdivision:
Borough:	USGS Quad(s):
Driving Directions to Site:	

Project Description:

To ensure your project meets the requirements for a GP, read all of the GP General Conditions and Regional Conditions, which can be found on our website at http://www.poa.usace.army.mil/reg/gps.htm
Description of the proposed project, including the area of impacts and the volume of fill material to be used (If there is a GP that you think would apply to your proposed project, please include that in this section):
Project purpose:
Describe any direct and/or indirect adverse environmental effects that may result from the proposed project:

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 by completing the attached Mitigation Statement.

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")
- You 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 this application does not include a delineation we will take that to mean you are requesting the Corps for one. In these cases, the application 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 application.

I certify the information in this application 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.

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF AGENT

DATE

Applicant Proposed Mitigation Statements

Background:

The U.S. Army Corps of Engineers (Corps) and the Environmental Protection Agency issued regulations that govern national compensatory mitigation policy for activities in waters of the U.S., including wetlands, authorized by Corps permits. The final mitigation rule was published in the federal register on April 10, 2008, and became effective on June 9, 2008. The final rule establishes standards and criteria for the use of appropriate and practicable compensatory mitigation for unavoidable functional losses of aquatic resources authorized by Corps permits (33 CFR Part 332). Additionally, the rule requires new information to be included in Corps permit applications and public notices to enable meaningful comments on applicant proposed mitigation. In accordance with 33 CFR Part 325.1(d)(7), "For activities involving discharges of dredged or fill material into waters of the U.S., the application must include a statement describing how impacts to waters of the United States are to be avoided and minimized. The application must also include either a statement describing how impacts to waters of the United States are to be compensated for or a statement explaining why compensatory mitigation should not be required for the proposed impacts." For additional information, the final mitigation rule can be viewed at: http://www.usace.army.mil/cw/cecwo/reg/news/final_mitig_rule.pdf

Mitigation is a sequential process of avoidance, minimization, and compensation. Compensatory mitigation is not considered until after all appropriate and practicable steps have been taken to first avoid and then minimize adverse impacts to the aquatic ecosystem. Please provide your proposed avoidance, minimization, and compensatory mitigation below:

Applicant's Proposed Mitigation (attach additional sheets as necessary):

1. Avoidance of impacts to waters of the U.S., including wetlands:

Please describe how, in your project planning process, you avoided impacts to waters of the U.S., including wetlands, to the maximum extent practicable. Examples of avoidance measures include site selection, routes, design configurations, etc...

Applicant Proposed Mitigation Statements

2. Minimization of unavoidable impacts to waters of the U.S., including wetlands:

Please describe how your project design incorporates measures that minimize the unavoidable impacts to waters of the U.S., including wetlands, by limiting fill discharges to the minimum amount/size necessary to achieve the project purpose.

3. Compensation for unavoidable impacts to waters of the U.S., including wetlands:

Please describe your proposed compensatory mitigation to offset unavoidable impacts to waters of the U.S., or, alternatively, why compensatory mitigation is not appropriate or practicable for your project. Compensatory mitigation involves actions taken to offset unavoidable adverse impacts to waters of the U.S., including wetlands, streams and other aquatic resources (aquatic sites) authorized by Corps permits. Compensatory mitigation may involve the restoration, enhancement, establishment (creation), and/or the preservation of aquatic sites. The three mechanisms for providing compensatory mitigation are mitigation banks, in-lieu fee of mitigation, and permittee-responsible mitigation. Please see the attached definitions for additional information.

Applicant Proposed Mitigation Statements

Definitions:

Enhancement: the manipulation of the physical, chemical, or biological characteristics of an aquatic resource to heighten, intensify, or improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

Establishment (creation): the manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist at an upland site. Establishment results in a gain in aquatic resource area and functions.

In-lieu fee program: a program involving the restoration, establishment, enhancement, and/or preservation of aquatic resources through funds paid to a governmental or non-profit natural resources management entity to satisfy compensatory mitigation requirements for DA permits. Similar to a mitigation bank, an in-lieu fee program sells compensatory mitigation credits to permittees whose obligation to provide compensatory mitigation is then transferred to the in-lieu program sponsor. However, the rules governing the operation and use of in-lieu fee programs are somewhat different from the rules governing operation and use of mitigation banks. The operation and use of an in-lieu fee program are governed by an in-lieu fee program instrument.

Mitigation bank: a site, or suite of sites, where resources (e.g., wetlands, streams, riparian areas) are restored, established, enhanced, and/or preserved for the purpose of providing compensatory mitigation for impacts authorized by DA permits. In general, a mitigation bank sells compensatory mitigation credits to permittees whose obligation to provide compensatory mitigation is then transferred to the mitigation bank sponsor. The operation and use of a mitigation bank are governed by a mitigation banking instrument.

Permittee-responsible mitigation: an aquatic resource restoration, establishment, enhancement, and/or preservation activity undertaken by the permittee (or an authorized agent or contractor) to provide compensatory mitigation for which the permittee retains full responsibility.

Practicable: available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes.

Preservation: the removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

Restoration: the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.



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

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

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

Dear Mr. Winn,

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.

As stated 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 determines there is very little to no swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats and natural ponds at the new sites.

The Newtok Village Council requests from the Alaska District, U.S. Army Corps of Engineers for a "Jurisdictional Determination" that the proposed project has "no effect" on wetlands and concurrence on the determination made by the Council.

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

Sincerely,

Walter Jim
Development Planner

Concepcion, Andy

From: Walter Jim <WJim@avcphousing.org>
Sent: Tuesday, June 07, 2016 3:06 PM
To: Concepcion, Andy
Subject: Mertarvik
Attachments: 20160607145223523.pdf

Waiting on response letters from SHPO, ACOE and USFW

NOTES

1. HOUSE LOT SIZES ARE APPROXIMATELY 0.75 ACRES

BAIRD INLET

