

Appendix I

Phase 2

Citizen Participation and Consultation Summary Chart

1	2	3	4
Agency Name or Stakeholder Group	Agency Type-Target Population	Type of Outreach	Method of Notification Materials Provided
State Emergency Response Commission	State of Alaska Commissioners	Public Meeting	<ul style="list-style-type: none"> • Public Notice via State of Alaska Website • Spring Preparedness Conference • Agenda
Center for Disaster Philanthropy	Philanthropic	Leverage	<ul style="list-style-type: none"> • Phone call • Emails
Partners Meeting	<ul style="list-style-type: none"> • Various State of Alaska Agencies • Tribal Regions • Non-Profits • Private Industry Federal 	Meeting	<ul style="list-style-type: none"> • Notification by email • Materials provided; fact sheet, power point, NOFA Phase 2
Socio-economic working group	<ul style="list-style-type: none"> • Socio-economic target population • Various State of Alaska Agencies • Tribal Regions • Non-Profits • Private Industry Federal 	Meeting and teleconference	<ul style="list-style-type: none"> • Notification by email and phone calls • Materials provided; Fact sheet, NOFA
Directors Briefing	State of Alaska Directors	Meeting and video teleconference	<ul style="list-style-type: none"> • Notification by email and phone calls • Materials provided; fact sheet, power point
Galena	Community and Tribe of Galena	Email and teleconference	<ul style="list-style-type: none"> • Notification by email and phone • Information Paper
Vulnerable Population Working Group	<ul style="list-style-type: none"> • Vulnerable Population target • Various State of Alaska Agencies • Tribal Regions • Non-Profits 	Email and teleconference	<ul style="list-style-type: none"> • Notification by email and phone • Material provided; fact sheet, websites

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	<ul style="list-style-type: none"> • Private Industry • Federal 		
Agency Name or Stakeholder Group	Agency Type-Target Population	Type of Outreach	Method of Notification Materials Provided
City of Cordova	Public Inquiry	Email	Email
Department of Natural Resources and Division of Geologic and Geophysical Survey	Partner	Email	Web link provided
Galena	City and Tribe of Galena	Teleconference Meeting	Email and phone
Capital Projects Working Group	<ul style="list-style-type: none"> • Regional Capital Projects target • Various State of Alaska Agencies • Tribal Regions • Non-Profits • Private Industry • Federal 	<ul style="list-style-type: none"> • Teleconference Meeting 	<ul style="list-style-type: none"> • Email • Phone • Summary and background provided
Partners Meeting	<ul style="list-style-type: none"> • Various State of Alaska Agencies • Tribal Regions • Non-Profits • Private Industry • Federal 	<ul style="list-style-type: none"> • Meeting • Teleconference 	<ul style="list-style-type: none"> • Email • Phone • Summary and background provided on where we are after Phase 1 • Power Point
Director/Commissioner Meeting	<ul style="list-style-type: none"> • Directors • Commissioner's 	<ul style="list-style-type: none"> • Meeting • Video conference 	<ul style="list-style-type: none"> • Email • Phone • Brief on Community Project Selection and research
Low Lander Organization, New Orleans, LA	CDBG-NDRC Applicant from Louisiana	<ul style="list-style-type: none"> • Meeting 	<ul style="list-style-type: none"> • Email • Phone • Policy sharing agreement
State of Alaska	State of Alaska	<ul style="list-style-type: none"> • Press Release 	Press Release by Governor Walker
Yukon Kuskokwim Delta Fishing Association-	Stakeholder	<ul style="list-style-type: none"> • Meeting 	<ul style="list-style-type: none"> • Email • Phone

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Stakeholder			<ul style="list-style-type: none"> Talked about leverage and their intent to formalize a resolution
Agency Name or Stakeholder Group	Agency Type-Target Population	Type of Outreach	Method of Notification Materials Provided
Alakanuk-Stakeholder	Community and Tribe	<ul style="list-style-type: none"> Phone call 	<ul style="list-style-type: none"> Email Community provided a list of needs
Calista Corp.- Emmonak Stakeholder	AVCP Tribal Region Corporation	<ul style="list-style-type: none"> Phone call Email 	<ul style="list-style-type: none"> Email Calista Corp. provided documentation on the port project
Emmonak	City and Tribe of Emmonak	<ul style="list-style-type: none"> Public Meeting Walked around the community and spoke with community members Met with Tribal Council and City Leadership 	<ul style="list-style-type: none"> Public Notice Email Phone calls Community provided us an official testimony from the city manager on the projects that Emmonak wants. City of Emmonak provided us with a power point presentation on what their culture and the projects meant to them Whole meeting translated into Yupik Project documentation provided by the city Survey done by the community Agenda
Agency Name or Stakeholder Group	Agency Type-Target Population	Type of Outreach	Method of Notification Materials Provided
Galena	City and Tribe of Galena	<ul style="list-style-type: none"> Public Meeting 	<ul style="list-style-type: none"> Public Notice

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		<ul style="list-style-type: none"> • Walked around the community and spoke with community members • Met with Tribal Council and City Leadership 	<ul style="list-style-type: none"> • Email • Phone • Radio • Website • Survey done by community • Information Paper • Agenda
Teller	City and Tribe of Teller	<ul style="list-style-type: none"> • Public Meeting • Walked around the community and spoke with community members • Met with Tribal Council and City Leadership 	<ul style="list-style-type: none"> • Public Notice • Email • Phone • Survey done by the community • Agenda
Alakanuk	City and Tribe of Alakanuk	<ul style="list-style-type: none"> • Public Meeting • Walked around the community and spoke with community members • Met with Tribal Council and City Leadership 	<ul style="list-style-type: none"> • Public Notice • Email • Phone • Survey done by the community • Agenda
Newtok	City and Tribe of Newtok	<ul style="list-style-type: none"> • Public Meeting Teleconference(in person meeting was scheduled but due to weather the team was not able to fly in) 	<ul style="list-style-type: none"> • Public Notice • Email • Phone • Agenda
ANTHC-Vulnerable Population	Vulnerable Population	<ul style="list-style-type: none"> • Meeting 	<ul style="list-style-type: none"> • Email • Phone • Power Point presentation provided by ANTHC • Project Summaries Provided on Vulnerable Population ideas

From: [Regine Webster](#)
To: [Mark Romick](#)
Cc: [Molly King](#)
Subject: Alaska NDRC + Philanthropy Follow up
Date: Friday, August 07, 2015 11:42:39 AM

Dear Mark,

Thank you so much for taking the time to speak with me about leveraging philanthropy to support your NDRC application!

As I mentioned on during our conversation, if you could send me

1. A brief one paragraph description of your project – please note **where** your project is located in the state (this could be important for relationships with community foundations) and list very briefly some of the major activities
2. A quick mention of any interaction that you have had with foundations so far on your project
3. A few bullets on gaps in your project. If only we had “x,” we could do “y”. This could be convening space, an expert, a data set, travel to a conference, an evaluator etc.
4. The human impact of your project- this is often an easier piece for foundations to fund and invest in.
5. An overview of the geographic region you are targeting
6. The names of the Tribes who will benefit from your proposed work

Please know that this description is just for me and my team only – no need for poetry at all!!

And, here is a redux of our respective ‘to do’s’ that we outlined on the phone– please add or correct if I missed anything!

CDP to do desk research on:

- Look at Native funders
- Look at environmental funders
- See if Robert Wood Johnson might be a fit
- Have a conversation with Philanthropy Northwest
- Look up Lap Foundation (doesn’t seem totally promising given our two minute website review on the phone)
- Assess oil foundation / bank possibilities

Mark & the AK Team to:

- Continue conversations with the Rasmussen Foundation
- Reach out to the Alaska Community Foundation
- Reach out to the Bethel Foundation
- Reach out to the First Alaskans Institute
- Investigate possibilities with the Homer Foundation
- Investigate possibilities with the Arctic Slope Community Foundation

Please feel free to call or email anytime – it is our pleasure to help you!

My best,
Regine

Regine A. Webster | *Vice President*



Center for Disaster Philanthropy

The when, where, and how of informed disaster giving

1201 Connecticut Avenue NW | Suite 300 | Washington, DC 20036

P: (206) 972-0187 | F: (202) 833-5540

www.disasterphilanthropy.org | [@funds4disaster](https://twitter.com/funds4disaster) | Regine.Webster@disasterphilanthropy.org

CDP has launched the Nepal Earthquake Recovery Fund

Learn more about the State of Disaster Philanthropy

STATE EMERGENCY RESPONSE COMMISSION
MINUTES
April 10, 2015
Anchorage, Alaska

I. Call to order - Chairperson

Chair Hummel called the meeting to order at 1:06 p.m.

A. Roll Call – SERC Coordinator Melanie Wright. Roll call was taken.

Members Present:

Laurel Hummel (Chair)	Department of Military and Veterans Affairs
Kristin Ryan (Co-Chair)	Department of Environmental Conservation
Katherine Eldemar	Department of Commerce, Community and Economic Development
Zack Fields	Department of Labor and Workforce Development
Jay Butler	Department of Health and Social Services
Matthew Leveque	Department of Public Safety
Marc Luiken	Department of Transportation and Public Facilities
Casey Cook	Local Government
Jamie Sunderland	Local Government
Brian Templin	Rural LEPC
Tom Vaden	Rural LEPC
James Butler III	Public Member at Large

Members Absent:

Department of Fish and Game
Urban LEPC
Urban LEPC
Department of Natural Resources

Ex Officio Members Present:

Donald Jurewicz	Alaskan Command
Robert Forgit	Federal Emergency Management Agency
CDR Shawn Decker	United State Coast Guard
Sheldon Fisher	Department of Administration
Jo Dawson	Department of Education and Early Development
Nick Knowles	Environmental Protection Agency

Guests Present:

Roberta Carney, Division of Homeland Security and Emergency Management
Kathy Cavyell, Division of Homeland Security and Emergency Management

Robert Doehl, Department of Military and Veterans Affairs
Bryan Fisher, Division of Homeland Security and Emergency Management
Ann Gravier, Division of Homeland Security and Emergency Management
Jeffrey Lafferty, Division of Homeland Security and Emergency Management
John W. Madden, Division of Homeland Security and Emergency Management
Daniel Nelson, SERC Citizen Corp Committee
Paul Valley, Division of Homeland Security and Emergency Management,
SERC All-Hazards Plan Review Committee
Kim Weibl, Division of Homeland Security and Emergency Management, SERC Coordinator
Melanie Wright, Division of Homeland Security and Emergency Management, SERC Coordinator
Young Ha, Department of Environmental Conservation
George R. Keeney, City of Valdez
Andy Jones, Division of Health and Social Services
Abner Hoage, City of Ketchikan
Dave Miller, Sitka Fire Department
John C. James, Alaska State Defense Force
Nathan Pooler, Federal Emergency Management Agency
William Jones, City of Shishmaref
Paul Trumblee, City of Cordova
Eric Bleakney, Alaskan Command
Mike Holman, City of Unalaska
Linda Van Houten, Northern Southeast Local Emergency Planning Committee
Michelle Brown, Juneau
Audrey A. Brown, Delta-Greely Local Emergency Planning Committee
Edward Abraham, City of Nunam Iqua
Michael West, Alaska Earthquake Center
Mark Romick, Alaska Housing Finance Corporation
Bea Adler, Mat-Su Local Emergency Planning Committee
Dave Owings, Ketchikan Local Emergency Planning Committee
Sandy Dixon, Petersburg Borough
Tony Lazenby, Alaska Partnership for Infrastructure Protection

- B. Quorum Determination – SERC Coordinator Melanie Wright. It was concluded that a quorum was present.
 - C. Administrative Announcements – SERC Coordinator Mrs. Melanie Wright gave a safety briefing. She also stated there was a public comment sign-up sheet.
- II. Welcome and Introductions
- A. Opening Comments by Chairperson and Co-Chairperson – Chair Hummel thanked everyone for attending. She requested that no acronyms be used as this was her first meeting. Co-Chair Ryan stated the Department of Environmental Conservation has been working on legislation that provides funding for spill prevention and response. There have been a high number of spills this past year on the Dalton Highway. EPA is working with them and the trucking association to find ways to reduce the number of those spills and accidents.

III. Approval of Previous Meeting's Minutes -- October 10, 2014

Mr. Tom Vaden MOVED to accept the minutes of October 10, 2014 as presented. Mr. Jamie Sunderland seconded the motion. There were no corrections. The MOTION passed with one abstention.

IV. Public Comment

(None)

V. Consent Agenda

A. Approval of and Changes to the Agenda

Ms. Eldemar MOVED to approve the agenda as amended. Dr. Jay Butler seconded the motion. There were no changes to the agenda. The MOTION passed unanimously.

B. LEPC Appointments – Ms. Weibl explained how the names got on the list for those who were new to the SERC. The names on the consent agenda come from the local LEPCs. In response to Ms. Eldemar, Ms. Weibl explained these are new appointments, not a complete list of people who were on the LEPCs within each community. In response to Chair Hummel, she explained that there are 21 LEPCs, and the number of members within the LEPC can vary from community to community.

Mr. Sunderland MOVED to accept the LEPC appointments found at tab 5. Mr. Vaden seconded the motion. The MOTION passed unanimously.

C. Approval of Spring 2016 SERC Meeting Date Change from April 8, 2016 to April 29, 2016 – The reason for the change was to put the meeting after the Alaska Shield 2016 exercise.

Dr. Jay Butler MOVED to approve the change. Mr. James Butler seconded the motion. The MOTION passed unanimously.

VI. Division of Homeland Security and Emergency Management (DHS&EM) Report

A. DHS&EM Updates – Mr. John Madden, Director, gave an overview of what the Division and some elements of the Department are doing. He talked about what they were doing collectively and jointly with the communities to raise their capabilities as well as what they were doing to educate and influence Federal partners so that the national policies also well serve the communities. The preparedness conferences they hold bring together communities from around the State and helping them develop the skills of damage assessment, skills of working within the public assistance, individual assistance, and exposing them to views from people who have had different experiences. The Division has been working to improve their outreach and customize it where necessary. Alaska has joined with several other states to make sure that we view cyber and the cyber threat as a human threat having human consequences. It is not just about national security and privacy

of information. He stated they have added a portion to the State Emergency Operations Plan to include that mechanism by which we unite against a cyber-threat.

Ms. Eldemar commented that Alaskans have a lot of challenges that many in the Lower 48 are unfamiliar with. There are a lot of disasters in the smaller communities that are not always the front page of the newspaper. She stated that DHS&EM has a very active and willing participant through DCRA. She wanted to make sure they leverage their resources in the State with Federal, tribal, and others so that all communities throughout Alaska are successful in responding to disasters. They are trying to have a systemic approach for every community to have a form to follow.

VII. Local Emergency Planning Committee Association (LEPCA)

- A. Status Report – Mr. Sunderland, LEPCA Co-Chairperson, reported on the meeting they had earlier that day. He explained what the LEPCA is. The main focus of the meeting is to hear status updates from the 21 LEPCs. In response to Ms. Eldemar, Mr. Sunderland explained that the LEPCs are located all over the State. There is a map on Page 36 of Tab 12. While not all areas participate in LEPCs, most do. Chair Hummel stated that there is a list of all the LEPCs at Tab 8. In response to the Chair, Mr. Sunderland stated that he will be retiring, but will be at the fall conference.

VIII. Local Emergency Planning Committee Status Reports

(None)

IX. Old Business

- A. Finance Committee – Mr. Brian Templin reported the committee oversees a couple of grant programs that the Department manages. One is the Local Emergency Planning Committee grants. There are five categories of LEPC and the funding ranges from \$5,000 to just over \$20,000 for the largest category. The money is used for various purposes ranging from training to planning to outreach and management of the program. The committee met in February to look at the status of the LEPC grant expenditures. Fifteen LEPCs had not quite reached their 45 percent level. They provided progress reports and midyear spending plans to the Division. Six LEPCs were at or above 45 percent. In response to Co-Chair Ryan Mr. Templin explained that the funding for LEPCs comes from the State general fund.
- B. Training Committee – Discussion of Chairperson Change – Ms. Roberta Carney explained about Training Committee chairs and how they are appointed. She thanked Mr. Vaden for everything he has done over the years as the Training Committee Chair. The functions of the Training Committee are basically being done through DHS&EM now and they have offered to take over the role of the chair. The recommendation was to move the chair from Mr. Vaden to Mr. DJ DesJardin, the State Training Officer. Ms. Carney also shared with the SERC members the SERC policies and procedures of how committees are populated and what the SERC's role is. Mr. Vaden stated he supported the move.

Mr. Sunderland MOVED to appoint DJ DesJardin as chairperson of the Training

Committee. Mr. Templin seconded the motion.

Under discussion, Mr. Jim Butler stated that he did not see this so much as a change as much as a maturing of what is occurring and it is a logical fit.

The MOTION passed unanimously.

Chair Hummel thanked Mr. Vaden for his work.

- C. Work Plan Committee – Discussion of Chairperson Change – Ms. Roberta Carney explained that this committee was chaired by Mr. Alan Wien at DEC who recently retired. It was recommended that Ms. Merry Carlson be appointed as chairperson.

Mr. Vaden MOVED to appoint Ms. Merry Carlson as chairperson of the Work Plan Committee. Ms. Eldemar seconded the motion. The MOTION passed unanimously.

- D. Interoperable Communications Committee – Major Matthew Leveque, Chairperson, reported the committee has been dormant for a number of reasons, primarily because its most fundamental need was to help DHS&EM make decisions regarding interoperable communications grants to communities. When that funding stream died out, it reduced the importance of the committee. A number of people approached the last administration about creating a statewide interoperable governance body which would be an overarching umbrella under which, for example, the Alaska Land Mobile Radio network, the Anchorage-wide area radio network, training and exercises related to communications, 911 issues, and First Net would sit. The last administration forbade them to move ahead on this. Governor Walker is open to examining in what ways interoperable communications in Alaska can be strengthened. On Monday he was given approval to move ahead with First Net, which is a to-be-built public safety grade LTE network. This includes actively beginning working through the outreach and education component. There is quite a bit of work that has to be done by July 31st, 2015. Mr. Fields asked about First Net roll out in Alaska, i.e. when, where, and how will it work. Major Leveque stated that is the giant question. A draft RFP will go out where they will hopefully begin a dialogue with industry partners. Because of the limited funds availability, it will likely come to densely populated areas first, and then the phases will take it out into areas where it is needed but there is no economic viability. It will not be a free network. He stated that they do not believe it will be a replacement for the land mobile radio network any time soon, if ever.
- E. Citizen Corps Committee – Mr. Daniel Nelson, Kenai Peninsula Borough Citizen Corps Coordinator, reported on Citizen Corp activities around the State. He gave a brief history of Citizen Corps. It includes the Community Emergency Response Team (CERT), Volunteers in Police Service, Medical Reserve Corps, and others. The purpose was to take preparedness and the volunteer service for emergency response and disaster response to the citizens and let them be a part of the process. With reduction in available funding, many programs went away. There are currently programs in Juneau, Anchorage, the Kenai Peninsula Borough, and Fairbanks. He touched on what each was doing. The Mat-Su program has been discontinued, but the training for that program will be taken over by the North American Outdoor Institute, a non-profit. The interest in the programs is still very high. There is a lack of qualified instructors.

Co-Chair Ryan stated that ADEC's Spill Division has a lot of interest in volunteer activity related to an oil spill event. They struggle with it in the Alaska Regional Response Team due to concerns they will not be certified to deal with a hazardous substance. She wanted to learn more about the classes and the types of information they provide individuals to certify them so they can participate in an event. Mr. Nelson stated that they are used more in supportive areas.

- F. All-Hazards Plan Review Committee – Mr. Paul Valley, Chairperson, stated that the primary role of the committee is to assist communities, jurisdictions, other government agencies in the writing, research, and analysis associated with plans dealing with emergency management. Since the October meeting, the committee reviewed 11 Small Community Emergency Response Plans which brings the total to 43 that they have done over the past few years. There are six actively working. In December they completed the FEMA mandated Threat and Hazard Identification and Risk Assessment. They are reviewing the State Emergency Operations Plan, and it is currently in the program management review.
- G. Disaster Search and Rescue Committee – Mr. Jeff Lafferty, Chairperson, stated that search and rescue already occurs in the State. All the agencies already work in conjunction with one another. It was recognized, however, that in the event of a catastrophic event, we need to know how would they bring together all of the search and rescue entities to perform disaster search and rescue on a wide scale. Over the past three years they have taken the plan that was in place and condensed it down into 34 pages. It was exercised in Alaska Shield 2014. They identified a few minor discrepancies which they continue to work on. The last thing they really need to do for the plan itself is work on the communications annex.
- H. Statewide Mutual Aid Compact – Mr. Jim Butler, Chairperson, gave some background for those who were new to the SERC. Tab 12, C and D are two critical components of how the system has been developed. The work group consisted of local government, DHS&EM, and others with a background in real world inter-jurisdictional squabbles on incidents. They looked at what they could do to develop a system. Tab 12 C is the system framework. It talks about the mechanisms for different municipalities to move resources between themselves, the reimbursement, etc. The goal is to standardized forms. The second part is the qualifications guide. He felt there were still things either the committee or the Division need to do. One is have a skeleton structure. He would encourage following the Forestry model where there is a written agreement between the Division of Forestry and the jurisdiction that sets out the details of what is going on in the relationship contractually. He recommended talking to the Alaska Municipal League. Another complicating factor is the difference between jurisdictions, i.e. first class boroughs, first class cities, second class, etc.

Mr. Fisher stated that he and others at DHS&EM work as staff to the committee. They helped put together the manuals. They will be the holder of the documents and the administrative support. The committee is looking for the SERC to endorse the work that has been accomplished so far.

Mr. Templin MOVED to accept the Alaska Intrastate Mutual Aid System and all-hazards

qualifications guide documents as presented. Mr. Luiken seconded the motion.

Under discussion, Mr. Jim Butler stated that the qualification guide says incident complexity type 3, which is an important conceptual model he would like the SERC to feel comfortable with. They are talking about an incident that is going to go for several operational periods that is typically handled with the local resources that are available and the addition of some external resources, but is not anticipated to go for a long period of time. A type 2 team would have a higher level of qualification and experience.

The MOTION passed unanimously.

X. New Business

- A. Recent earthquake activity – Dr. Michael West, Alaska Earthquake Center, discussed how earthquake monitoring is carried out in Alaska. He also touched on some notable events of the past 12 months. He stated that the mandate for the Alaska Earthquake Center is to provide timely information about earthquakes and volcanic hazards to public officials, industries, private citizens, etc. They operate many seismic stations across the State and also partner with other organizations to operate other stations. There have been about 40,000 earthquakes in the last 12 months, most of which were very small. Knowing where all those little earthquakes are paints a picture over the years of where they anticipate larger earthquakes to occur. He stated that the Alaska Earthquake Center and their partners play a critical role in a number of different ways.
- B. Challenges of Arctic Response – CDR Shawn Decker, U.S. Coast Guard Sector Anchorage, gave an update and overview on their ongoing efforts for Arctic response and the partner agencies they were working with. Maritime activity in the Arctic is greatly and quickly increasing. As it increases, it will require the Coast Guard and their partners, State and federal agencies, to increase their capabilities in the region. They typically only have Coast Guard presence in the area during the months of June through the end of September/early October. They conduct an annual exercise called Arctic Shield when they deploy multiple assets to the Arctic region. This past fall they conducted a joint U.S./Canadian oil spill exercise in Juneau. He discussed a Canadian fuel barge that broke free from its tug boat on the Canadian side and the last position they had for it was in Russian waters. Early models had shown it coming ashore in the Prudhoe Bay region. There were no vessels in the areas to respond to get the barge. It showed the current limitations of operating in the Arctic region. In response to Mr. Fields, CDR Decker stated that the cost of monitoring the barge through U.S. waters was borne by the U.S. Coast Guard for the overflights. If there had been a spill or incident, the responsible party bears the cost. Mr. Fields felt this was a massive loop hole given the increasing maritime activity in the Arctic. CDR Decker added that as maritime activity increases, U.S. Coast Guard activity will have to increase.

Co-Chair Ryan stated that prevention is the key. Why was the barge up there when on the U.S. side they knew not to have any boats in the water?

CDR Decker stated that at the time they were taking fuel between villages before they started to ice up. They started to experience an early winter this past fall. In response to a question from Chair Hummel, CDR Decker stated that there are international safety standards. In this case they got caught up in a significant storm and a wave action that

exceeded the capacity of the cable. In response to Ms. Eldemar, CDR Decker stated that it was only in Canadian waters for about 48 hours. As soon as the Canadians learned of the problem, the owners were making multiple efforts to capture it. With respect to lessons learned, it validated the level of cooperation that the U.S. and Canadian governments have. It also validated the level of oil spill response expertise. As far as creating operating procedures, that is still in progress.

- C. Community Development Block Grant Program (CDBG) National Disaster Resilience (NDR) Process – Mark Romick, Alaska Housing Finance Corporation, and Ann Gravier, DHS&EM. Mr. Romick stated the funding became available as left-over funding from the Sandy disaster. Alaska is one of 67 eligible applicants. They turned in the Phase I application in March.

Ms. Gravier stated that there is \$1 billion available for competition nationally. The grants could range from \$1 million to \$500 million. She added that it is a very narrow grant.

- D. Alaska Partnership for Infrastructure Protection (APIP) - Tony Lazenby and Chad Fullmer, APIP Co-Chairs. Mr. Fullmer introduced himself. He stated that anyone who owns infrastructure in the State of Alaska is invited to be a member of the partnership. It is a public/private partnership; however, the majority of infrastructure in Alaska is owned by private organization. It is imperative to create a forum where they feel comfortable sharing not only their proprietary information, but their ideas in the same room with organizations that may be their competitors or their regulators. There is also a cyber coordination group that also meets separately.

Mr. Lazenby introduced himself. From the private side, his goal is to increase the number of private sector organizations and members with APIP.

Mr. Fullmer stated that the goal of APIP is to break down the communication barriers. He felt that they were succeeding in this goal. There is collaboration. In response to Chair Hummel, Mr. Fullmer stated that public entities cannot be compelled to become members. The carrots they have been able to develop have been resilience, education, training, collaboration, additional knowledge, and a safe place to share information. They are also able to offer security vulnerability assessments. Other states have used legislation, but at this time there is no legislation in Alaska. There is a lot of benefit to compelling membership and collaboration, but he was concerned that with legislation it would become mandatory and minds would close. In response to Mr. Luiken, Mr. Fullmer stated that they offer assistance with continuation of operations plans as part of the security assessment.

- E. Tier II Electronic Submission and Database – Roberta Carney, DHS&EM, gave some background to Tier II reporting. It is a Federal requirement under the Emergency Planning and Community Right to Know Act. Tier II reporting is reporting for hazardous chemicals. The Division has taken on the challenge of electronic reporting. They had hoped to roll out the database at this preparedness conference to start next year; however, they have not been able to add a staff member to the team, so things slowed down. As a result they have contracted the work out. The database should be accomplished within two months. In response to Mr. Knowles, Ms. Carney stated that they are not going to use Tier II Submit,

but the database will be connected to a website that provides education to the facility owners on what the reporting requirements are and it will allow them to report online. She added that they want to partner with EPA to do a great public awareness campaign. They want not just the industry users but also all of the public to be aware.

Mr. Knowles stated that EPA stands ready to assist with the outreach effort.

Mr. Jim Butler stated that while there is a public access component, there is also a security component. He asked how that gets balanced.

Ms. Carney stated that following September 11, 2001, the SERC passed some policies and procedures that said a public member requesting Tier II reports has to go to the police department and there has to be a background check done. She added that they are working with the State Troopers and other law enforcement to further refine that policy.

Chair Hummel thanked Ms. Carney for her years of service as she is retiring this year.

XI. Other State Agency and Ex-officio Reports

Alaskan Command – Mr. Donald Jurewicz stated they have conducted reorganization with their headquarters. On October 27, 2014 the Secretary of Defense transferred the Alaskan Command as a subunified command under the Pacific Command to U.S. Northern Command. JFT-Alaska was combined with ALCOM. They are currently reviewing their missions. Their major mission areas are homeland defense, civil support, mission assurance and others. They worked with the State in March in the exercise Rock and a Hard Place in Homer. It allowed them to verify some communication interoperability as well as to train their operators. The command is working towards three major events this summer: Exercise Northern Edge, U.S. Cyber Command's Cyber Guard exercise, and Operation Colony Glacier. U.S. Northern Command is leading an effort to review and update the Alaska Playbook. With regard to the State's ability to conduct dual status commander operations in a major event, they have a designated Title X DOD deputy, Col. Chris Rifle who is working to ensure the 16-man Title X DOD staff that assists the dual status commander is trained and ready to conduct operations as the State requests.

FEMA – Mr. Robert Forgit gave some background on FEMA Region X for the new members on the SERC. He reported that with respect to his staff, Ramona Van Cleve has gone permanent to a tribal liaison position with FEMA, which will leave her position vacant. It will probably be advertised sometime this year. He stated that with the close of the joint field office for the Galena operations, they had a warehouse for equipment from that event. With the amount of equipment they have in that warehouse, they will have another position as well for a logistics person. He reported that the Defense Coordinating Element, Christian Anderson, will be moving on this summer, so they should have a new officer in the office sometime this summer. Due to the continuing resolution issues they have had almost every year, Idaho keeps getting missed for the Regional Interagency Steering Committee (RISC), so they changed their RISC meeting to take the Alaska RISC scheduled for June and conduct it in Idaho. The Anchorage RISC will now be in September. The U.S. is now the chairman of the Arctic, so there has been a big push to look at Arctic issues, one of which is the climate change. Erosion has come up again particularly on the west coast. FEMA sits on a committee that looks at erosion issues in the Arctic and throughout the

coast of Alaska. FEMA and HUD are both part of that committee and have recommended bringing in the State of Alaska as part of that committee. Mr. Forgit stated they also will miss Ms. Carney. She has been a mentor to many, including her Federal partners.

Department of Commerce, Community and Economic Development – Ms. Eldemar stated that with the new administration they have been told they want to make sure DCCED reaches out to the tribal communities as well. She appreciates that First Net is moving forward. She stated that she does have a learning curve and thanked the other members for indulging her for her questions. There are a lot of changes taking place in the Arctic and if they are smart and work together, she felt they can come up with good solutions.

Department of Health and Social Services – Dr. Jay Butler thanked them for supporting the Rock and a Hard Place exercise. They continue to review the exercise to see how they can do even better in the future. He stated that while Ebola has fallen off the headlines, it is an outbreak that continues. They have monitored close to two dozen people returning from Ebola affected areas. They are getting the wave of people back who responded to the peak of the outbreak. They are finalizing agreements with Washington State which would be the nearest actual treatment facility if there was a confirmed case.

EPA – Mr. Nick Knowles pointed out two trends that they have been noting. (1) The uptick in truck rollovers throughout the highway system. ADEC has taken the lead in putting together some workshops which EPA will be partnering with them to put on to help educate the trucking operators on what their responsibilities are should an incident occur, what reporting requirements they have, etc. (2) In the Lower 48 they have seen some states using Stafford Act declarations to assist with spill response activities. EPA wants to work with their partners at the U.S. Coast Guard, DHS&EM, and ADEC to make sure they know what to do and how that will work should that occur in Alaska. He thanked DHS&EM and the 103rd Civil Support Team for inviting EPA to participate in the ORCA Exercise.

Department of Education and Early Development (DEED) – Ms. Jo Dawson reported that their child nutrition unit has been working with the mass care task force feeding subcommittee. DEED facilitates USDA commodity foods for disaster feeding, for emergencies. They will be working closely with the subcommittee on refining the multi-agency feeding plan. The school health unit continues to work with school districts on building capacity and high quality emergency plans which will cover an array of emergencies/disasters that happen at a school. There will be a series of training opportunities in the fall for school districts.

Department of Labor and Workforce Development – Mr. Zack Fields stated that listening to people at the meeting, he sees opportunities to collaborate with the Department in the future.

Department of Environmental Conservation – Co-Chair Ryan stated that with the impending fiscal crisis in the Division, they have been making a lot of cuts and changes. They have combined the planning and prevention unit with the response unit. Planners will be responders and responders will be planners.

Department of Military and Veterans Affairs – Chair Hummel stated that she has been thinking about where they need to be focusing their efforts across the Department. She has put together a

vision statement that focuses on three areas: (1) create and prosecute a viable Arctic strategy; (2) increase capacity in emergency management; and (3) focus on engaging with Alaska communities, not only geographical communities, but communities of Alaskans however they may sort out in time and space.

XII. Informational Items

- A. Ethics Information for Members of Boards and Commissions
- B. SERC Policies & Procedures Manual 2014
- C. DRAFT Alaska Intrastate Mutual Aid System
- D. DRAFT All Hazards Qualification Guide
- E. DRAFT LEPCA Bylaws
- F. Notice to SERC members that the 2015/2016 Hazardous Materials Emergency preparedness (HMEP) grant packet has been received from the U.S. Department of Transportation (US DOT) by DHS&EM. The grant application was filed by the April 3, 2015 deadline. Members may contact the SERC coordinator if you would like to review it.

XIII. Public Comment

(None)

XIV. Commission Member Closing Comments

(None)

XV. Adjournment

The meeting adjourned at 4:40 p.m.

- Socioeconomic Activities and Capacity Development (employment, job training, education, community leadership, cultural preservation, food security, habitat restoration)

Newtok

1) Do you have any planned or ongoing projects in these communities or their regions?

- YKHC-OEHE/VSW has been working with the community to fix up their water plant. There is a parts list completed and YK is waiting on VSW to find out how much money is left in the account before ordering/installing parts.

- 4 storage tanks were completed this summer.

- YKHC RMW provides onsite training for WPO several times a year.

-YKHC-OEHE provides classroom style training for WPO Certification (Alexie Kilongak has come to both Small Treated Class and Level 1 class in the last few years).

- Brian Berube @ ANTHC Environmental Health Support provides ongoing technical assistance to both the village council and

2) Does your agency have any capabilities which can be translated into functional area projects (planning, studies, training, programs, and projects)?

- ANTHC and YKHC both provide technical assistance to the Newtok Village Council on an as needed basis.

- YKHC RMWs provide ongoing training and technical assistance to WPO and YKHC-OEHE provides ongoing classroom training for WPO.

--Newtok is eligible to attend AVTEC trainings sponsored by ANTHC.

3) Do you have any project ideas for these communities or their regions?

- Planning for move to Metarvik

- Updating current facilities. The village will not be moved for at best, several years and has no organized sewage collection system or solid waste disposal system. Their water plant is non-operational for much of the year as well.

- As of today, people dump their waste into the slough that borders town. This slough empties at low tide and is filled with raw sewage. A small honeybucket disposal area would help the community tremendously.

- The solid waste disposal site is also across the slough and isn't used. The community has no boat or winter vehicle to transport the waste so it piles up at the dock in town.

- The water plant needs about 15-20 thousand in parts to become fully operational. VSW was supposed to have leftover funds from previous projects but they seem to have dried up. YKHC-RMW, Allan Paukan has committed to working with the WPO on the upgrade so VSW doesn't have to hire an outside firm to do the work.

Emmonak

1) Do you have any planned or ongoing projects in these communities or their regions?

-YKHC-OEHE has an employee (Billy Westlock) who lives in Emmonak and works with the operators onsite several times a month for training and technical assistance.

--YKHC-OEHE provides classroom style training for WPO Certification .

-Paul Andrews attended Small Water Systems on 10/13/14-10/15/14.

-Arthur Redfox attended Small Water Systems 04/14/14-04/16/14 and Level 1 Training 11/17/14-11/21/14.

2) Does your agency have any capabilities which can be translated into functional area projects (planning, studies, training, programs, and projects)?

- Alyssa Gustafson at YKHC both provides technical assistance to Emmonak on an as needed basis.

- YKHC RMWs provide ongoing training and technical assistance to WPO and YKHC-OEHE provides ongoing classroom training for WPO.

-ANTHC has sponsored WPOs to attend 2 week AVTEC training in Seward. They pay for travel, tuition and lodging. Emanuel Mike attended the training in August and Arthur Redfox attended in May.

Alakanuk

1) Do you have any planned or ongoing projects in these communities or their regions?

-YKHC-OEHE has an employee (Billy Westlock) who lives in Emmonak and works with the operators onsite several times a month for training and technical assistance.

-YKHC-OEHE provides classroom style training for WPO Certification .

2) Does your agency have any capabilities which can be translated into functional area projects (planning, studies, training, programs, and projects)?

- Alyssa Gustafson at YKHC both provides technical assistance to Alakanuk on an as needed basis.

- YKHC RMWs provide ongoing training and technical assistance to WPO and YKHC-OEHE provides ongoing classroom training for WPO.

-Alakanuk is eligible to attend AVTEC trainings sponsored by ANTHC.

CDBG-NDRC
Directors Meeting
May 1, 2015

In Attendance:

- Ann Gravier
- Sally Russell Cox
- Bob Blankenburg
- Bryan Butcher
- Mark Romick
- Mike O'Hare
- Taunie Boothby
- Michelle Torres
- Katherine Eldemar
- Christina Carpenter

Ann briefed the Directors on:

- What is the CDBG-NDR
- The application process and timeline
- Who the state interagency working group comprises of
- The area/community selection process and how it was data driven
- The current application status

Ann also talked about how the current SIWG will require capacity beyond the current resources and capabilities that they currently have.

- Contract application development services which would include environmental and BCA capability, could cost about \$25K per project
- 1 state grants personnel
- 1 administrative support personnel
- 1 technical writer
- 1 state PIO

Other resources needed would be travel funding for a possible phase 2 Resilience Academy and 1-2 site visits to project location for community/stakeholder involvement.

The SWIG asked the Directors for:

- support/commitment to the Phase 2 application development
- Guidance on community/project selection process
- The inclusion of Kawerak Tribal Area
- Governor's office engagement
- Commitment to resources

The SWIG would like to schedule regular Director monthly meetings/updates

The SWIG is planning on having a Partner's briefing sometime in May.

Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Friday, June 26, 2015 2:52 PM
To: Torres, Michelle G (MVA)
Cc: Avey, Adrian M (MVA)
Subject: CDBG-NDR Inquiry

I field a telephone inquiry from Paul Trumblee, City of Cordova, re the CDBG-NDR grant opportunity on 06/26/2015 at approximately 1400L. He stated that the Mayor saw the Governor's press release and asked him to follow up to inquire what the City had to do to apply.

I informed Paul that the State was the only eligible entity to apply, and the State would apply on behalf of eligible (2011, 2012, and 2013) federally declared disaster impacted communities, and that Cordova was not among those.

Ann
State Hazard Mitigation Officer


Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Tuesday, July 07, 2015 3:45 PM
To: Torres, Michelle G (MVA)
Cc: [REDACTED], Cox, Sally A (CED); Avey, Adrian M (MVA); Bower, Trisha M (DEC)
Subject: CDBG-NDR Partner Consultation -7/07/2015

Team, FYI

I had a partner consultation with DNR/DGGS, Steve Masterman, the State Geologist.

Steve saw the press release on Alaska's invitation to Phase II of the subject grant competition.

I briefed him on the eligible applicants and eligible project types.

He was interested in how DGGS could contribute in grant application activities. We discussed potential eligible project types which might relate to his Division's capabilities of providing geological and geophysical hazard assessments for at-risk communities.

I mentioned that I would add him to our next Partner meeting announcement and provide him a link to our website.

Ann

July 17th Partner Meeting

notes

- Ann - talked to Dale about getting a project manager.

- on The Phone -

NRCS -

Carol Kawserak - ~~As~~

Nicole Kinsman

Tonya James ANHC

Marti Emmons

DCRA Kathi Eedeman

Mike O'Hare DHS&em

~~Steve~~ Steve Ma DNR

Toni Morse FELD

Deanne ~~Dietter~~ Stovels DNR

Kyle Wright DIA TCC

Jim USDA

ADD
to list

Ann - mentioned that this is a data driven ~~and~~ selection - if the partners have any info on other communities please pass it on.

Jay (Denali Comm) -

2009 GAO report lists
Threatened communities
Is relocation a viable project?

Dir- Eldemar -

How can anyone bring forth ~~any more~~
information - ~~is this timing issue~~ -
Is this a timing issue - ? Especially
since the team will be in Denver -
Ann - this is the 4th or 5th
solicitation for information.
we have received info from
folks. -

Forward to Eldemar matrix from
Phase I -

Nic Kunsman -

→ Capitol projects - can we
identify upcoming capitol projects
for Phase II - can it be used
as leverage - could we propose a
capitol project through the state
to help us get this grant

Arctic Council - ask Ann (innovative ideas)

Steve w/ DGGG -

- greater community + regional resilience - How will we bring science base info to the group - how much planning + risk assessment can we include in the application - how we would develop concepts is such a short time -

Jim - USDA -

Projects underway - funded by another federal agency - is this useful information -

Are we focusing on Arctic community -

Marti Bickford -

Emmonak has a big project for the port.

Would like to reach out to the city managers of Kotlik, Alukanuk, Emmonak and find out what projects are important to them - ~~make~~ will document -

Mike Roberts (ANTHC) -

Is an engineer - water/sewer projects -
recommends if possible need to
nail down projects ASAP -
without funding they can't even
work on it -

Jay (Denali Comm) -

Slide 7 - engineered cost estimates -
projects for Phase II, is it expected
to come w/ their own BCA
or will the team help w/ that -

Lt. Gov. is the Denali Comm.
co-chair - started dialogue w/
Denali Comm. Being the lead
agency for Threatened Comm (environmental) -

Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Thursday, July 09, 2015 7:44 AM
To: Avey, Adrian M (MVA); Bower, Trisha M (DEC); Cox, Sally A (CED); Gravier, Ann Y (MVA); Mark Romick, AHFC; Torres, Michelle G (MVA)
Subject: Notes and Taskings from CDBG-NDR Meeting 07-07-2015

Team

- **Ann will follow up with Director O'Hare on news on the Commissioners/Directors' meeting? The Team would find it very helpful to get some organizational top-down support.**
- The team discussed the topic of getting a letter of commitment from the Governor. This might be useful as we may be looking to engage DOT, other portions of DEC, and DHSS in the project development phase. We should explore whether this is of use for the grant application itself, or simply a method to gain State agency buy-in.
- The team has its travel arrangements to attend the Denver Academy
- **The team scheduled a Partner Briefing for July 17, 2015 at 1100 at the Atwood building in Room 104. Ann will send out a meeting notice shortly. The agenda will review the grant, phase 1 and preview what we expect in phase 2.**
- The team will plan another Partner briefing post-academy
- **Ann is working with Adrian and Dale on activating a contract for project management to assist the group in Phase II application development.**
- **The group discussed 5 potential projects/project communities to take to the academy for discussion. We're looking at Galena (Ann), Emmonak (Michelle), Newtok (Sally), Kotlik (Housing or other project-Mark), and an unspecified Kawerak community (Trish). Each of the 5 team members will be responsible for providing a documented summary of background, project ideas and project strengths by the academy. Suggested assignments as noted above. Suggest that team members provide other team members summaries by July 15. Even though team members are working on community/regional projects, the entire team "owns" all 5 potential projects for the academy.**
- Michelle briefed her research on Emmonak as a potential project community. Michelle proposed a transportation project related to the port they are attempting to build their. They have had disaster-related damage to the airport and airport roads. They are a regional hub, and building a port contributes to the economic development of the community (jobs), and helps lower the cost of goods and fuel to regional communities. Michelle include this information in her summary.
- Ann briefed the group on a consultation she received from Steve Masterman, the State Geologist/Director (DGGS). They are interested in partnering with us in the grant. Ann has received several consultations as a result of the Governor's press release. Team members should send subject consultations to Michelle for documentation.
- The team discussed housing projects in Alaska and how they could relate to potential housing projects in this grant.

Please feel free to reply all to add/correct notes.

Taskings have been highlighted.

Thanks

Ann

Ann Y. Gravier
State Hazard Mitigation Officer
Department of Military and Veterans Affairs (DMVA)
Division of Homeland Security and Emergency Management (DHS&EM)
P.O Box 5750

The National Disaster Resilience Competition (NDRC)
Phase 2 Partner Briefing
July 17, 2015

Phase 2 Partner Briefing Agenda

- What is CDBG-NDR?
- Application process and timeline and status
- Phase 2 Effort
 - Application requirements
 - Project selection process
 - Anticipated (needed) resources

What is CDBG-NDR?

A HUD grant funding opportunity for nearly \$1B in disaster recovery funds to *eligible* communities with the *most competitive proposals*. Awards: \$1M-\$500M

- The State of Alaska is one of 40 Phase 2 invitees.
- Eligible areas are communities in AVCP, TCC and potentially Kawerak regions of Alaska.
- Presidentially-declared Disasters in 2011, 2012, and 2013

The Application Process

The flowchart illustrates the application process in several stages:

- Phase 1:** Starts with "NOFA PUBLISHED 04/27/2015". This leads to "APPLICATION PERIOD" (05/11/2015 - 05/27/2015) and "PROPOSALS".
- From "PROPOSALS", the process moves to "SELECTION" (06/01/2015 - 06/15/2015) and "FINAL AWARDS".
- From "FINAL AWARDS", the process moves to "PHASE 2 APPLICATION PERIOD" (06/15/2015 - 06/30/2015) and "PHASE 2 PROPOSALS".
- From "PHASE 2 PROPOSALS", the process moves to "SELECTION" (07/01/2015 - 07/15/2015) and "FINAL AWARDS".
- From "FINAL AWARDS", the process moves to "FUNDS AWARDED" (07/15/2015 - 07/30/2015) and "PHASE 2 FUNDS AWARDED" (07/30/2015 - 08/15/2015).

Additional labels include "NOFA CLOSURE" and "PHASE 1 APPLICATION PERIOD".

Target Area/Community Selection

Final Phase 1 submission:

- > 2 Target Areas were qualified: AVCP and TCC Tribal Areas
- > 7 communities identified as most impacted, most distressed, most unmet needs:
 - AVCP Tribal Area: Alakanuk, Emmonak, Kotlik and Newtok
 - TCC Tribal Area: Fort Yukon, Galena, Hughes
- * Kawerak Tribal area was evaluated against grant criteria, but data did not support eligibility at the time of Phase 1 submission. Since then, qualifying information has become available. A project may be submitted for Kawerak Tribal area if the SOA desires.

Phase 2 Application Preparation Timeline

- 1. Stakeholder meetings and site visits
- 2. Minimum 15 day public comment of completed application
- 3. Draft application due by October 1 at latest
 - We have 12 weeks from today

Phase 2 Application Effort

What needs to happen before October 27, 2015

- Project development and priority
 - What elements are there to the project, housing, utilities, roads, docks, recreational.
 - Describe innovations
 - Document leverage of funds and planning efforts at , local, regional, state levels
- Benefit cost analysis and outcomes based on 5 factors
 - *Lifecycle costs, resilience value, environmental value, social value, economic revitalization*
- Engineer supported cost estimates for project activities

Phase 2 Project Selection Considerations

- Geographic diversity
- Eligibility and scoring: most impacted, distressed and unmet needs
- Unmet need project tieback to disaster
- Overall project resiliency concept
- Community committed leverage
- Project completion within period of performance September 1, 2015-September 30, 2019

Phase 2 Partner Support

Support needed for:

- Funding commitments on application projects or other projects that can be linked to disaster that are going on
- Information on capital projects, planning efforts and other commitments that are going on simultaneously
- Information on any innovative projects or designs that can be leveraged for application

What's Next

- SIWG to attend Rockefeller Foundation Resilience Academy July 20-22, 2015 for application development technical assistance
 - HUD will be in attendance
- Academy Partner and State Leadership Debriefing-end of July/first week in August
- Project selection
- Stakeholder Engagement
- Project development

Agency Points of Contact

- Ann Gravier, DHS&EM (lead facilitator/agency), ann.gravier@alaska.gov, 428-7045
- Michelle Torres, DHS&EM, michelle.torres@alaska.gov, 428-7032
- Sally Cox, DCRA, sally.cox@alaska.gov, 269-4588
- Mark Romick, AHFC, mromick@ahfc.us, 330-8274
- Trisha Bower, DEC, tricia.bower@alaska.gov, 451-2174

Questions/Comments/Concerns

Torres, Michelle G (MVA)

From: Mark Romick <mromick@ahfc.us>
Sent: Friday, August 07, 2015 12:19 PM
To: Gravier, Ann Y (MVA); Cox, Sally A (CED); Torres, Michelle G (MVA); Bower, Trisha M (DEC)
Subject: Recent Conversations
Attachments: Alaska NDRC + Philanthropy Follow up.pdf

A couple things to pass along:

1. I had a conversation with Regine at the Disaster Philanthropy Center about leveraging opportunities (see attached synopsis) and I will follow up with her on the "to do" things she has listed. If anybody has any insight into the items on the list please pass them along. I asked her about the potential for the pitch meeting in October and she said she raised the same scheduling issues we talked about. She gave it a less than 50-50 chance.
2. On August 14th, there are two people from the Low Lander Organization in New Orleans that are here for vacation but also are working on Louisiana's application. They talked to the guy who approached us in Denver. Sally, these are the people who you talked about that have been conversing with Shismaref, Kivalina and Newtok over the years about coastal community issues, they also worked with an Alaskan group during the oil spill. She also mentioned working with Robin Bronen.

What they want to briefly talk about is whether we would be okay jointly alluding to an information/policy sharing agreement between Alaska and Louisiana in our respective applications. The intent being HUD will see that two states with similar coastal erosion issues in native American communities which have been loosely collaborating over the years are working together to address climate change issues and share information. I don't think they are particularly interested in any details of our application, per se, but I agree with them that both our applications would be strengthened in HUD's viewpoint by alluding to our discussions, i.e national significance, replicable, etc.

Sally if you are available we could meet at your place since they will be downtown "seeing the sights." I tentatively suggested 1:30. If you aren't available they'll come to the AHFC offices. What does everyone think?



Mark Romick
Director, Planning and Program Development
PO Box 101020 | Anchorage, Alaska 99510-1020

Phone: 907.263.0074 | Email: mromick@ahfc.us

www.alaska.gov

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THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Governor's Office > Press Room > Full Press Release

ALASKA TO COMPETE FOR RESILIENCY FUNDING

June 25, 2015 ANCHORAGE – Governor Bill Walker announced today that the State of Alaska was selected as one of 40 finalists of the U.S. Department of Housing and Urban Development's (HUD) National Disaster Resilience Competition (NDRC), a grant program that could provide millions of dollars to Alaskan communities to prevent future damage in disaster-impacted regions.

The NDRC is a two-phase process that will competitively award nearly \$1 billion in HUD Disaster Recovery funds to eligible communities. The competition will help selected communities recover from prior disasters and improve their ability to better withstand and recover from future disasters, hazards, and shocks.

"While Alaska's hazard mitigation program does outstanding work in rural and urban communities, this program would allow us to address problems that are otherwise beyond our current funding reach," said Governor Bill Walker. "We need to evaluate how we can recover from past disasters, and help communities identify ways in which they can protect the long-term well-being and safety of their residents."

During phase one, applicants considered their disaster recovery needs, vulnerabilities, stakeholder interests, resilience, community development objectives, and investment alternatives. In phase two, applicants will consider and refine approaches to meet their needs and objectives identified in the first phase. HUD invited the top-scoring applicants from phase one to participate in phase two, and will make funding awards at the conclusion of the second phase.

NDRC expects to award projects ranging from \$1 million to \$500 million.

###

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CONTACT INFORMATION

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Press Secretary

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Aileen Cole

Deputy Press Secretary

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Click [here](#) to subscribe to Governor Walker's press releases list.

STATE EMERGENCY RESPONSE COMMISSION MEETING PACKET

April 10, 2015

AGENDA

State Emergency Response Commission
Friday
1:00 p.m. – 5:00 p.m.
Egan Civic and Convention Center
555 W. 5th Avenue, Anchorage

- I. Call to Order – Co-Chairperson, Commissioner Laurie Hummel, Department of Military and Veterans Affairs (DMVA)
 - A. Roll Call – State Emergency Response Commission (SERC) Coordinator
 - B. Quorum Determination – SERC Coordinator
 - C. Administrative Announcements – SERC Coordinator
- II. Welcome and Introductions – Membership List – **TAB 2**
 - A. Opening Comments by Co-Chairpersons – Commissioner Laurie Hummel, DMVA, and Commissioner Larry Hartig, Department of Environmental Conservation (DEC)
 - B. Member Introductions – Commissioner Laurie Hummel, DMVA
- III. Approval of Previous Meeting Minutes – October 10, 2014 – **TAB 3**
- IV. Public Comment – Five (5) minutes per speaker – **TAB 4**
- V. Consent Agenda – **TAB 5**
 - A. Approval of, and Changes to, the Agenda (by item)
 - B. LEPC Appointments
 - C. Approval of Spring 2016 Meeting Date Change (from April 8, 2016 to April 29, 2016)
- VI. Division of Homeland Security and Emergency Management (DHS&EM) Report – **TAB 6**
 - A. DHS&EM Updates, Mr. John W. Madden, Director (15 min)
- VII. Local Emergency Planning Committee Association (LEPCA) – **TAB 7**
 - A. Status Report – Mr. Jamie Sunderland, LEPCA Chairperson
- VIII. Local Emergency Planning Committee Status Reports – **TAB 8**
(Reports by exception only)
- IX. Old Business – **TAB 9**
 - Committee Reports (limit to 5-minute presentations)
 - A. Finance Committee – Mr. George Vakalis, Chairperson
 - B. Training Committee – Discussion of Chairperson change Ms. Roberta Carney
 - Nomination and Vote (Mr. Thomas Vaden to Mr. D.J. DesJardin, Chairperson)
 - C. Work Plan Committee – Discussion of Chairperson change Ms. Roberta Carney

STATE EMERGENCY RESPONSE COMMISSION MEETING PACKET

April 10, 2015

- Nomination and Vote (Mr. Alan Wien to Ms. Merry Carlson, Chairperson)
 - D. Interoperable Communications Committee – Major Matthew Leveque, Chairperson
 - E. Citizen Corps Committee – Mr. Daniel Nelson, Kenai Peninsula Borough Citizen Corp Coordinator
 - F. All-Hazards Plan Review Committee – Mr. Paul Valley, Chairperson
 - G. Disaster Search and Rescue Committee – Mr. Jeff Lafferty, Chairperson
 - H. Statewide Mutual Aid Compact – Mr. Jim Butler, Chairperson
- X. New Business – **TAB 10**
- A. Recent earthquake activity – Dr. Michael West, Alaska Earthquake Center (20 minutes)
 - B. Challenges of Arctic Response – CDR Shawn Decker, U.S. Coast Guard Sector Anchorage (20 minutes)
 - C. Community Development Block Grant Program (CDBG) National Disaster Resilience (NDR) Process – Mark Romick, AK Housing Finance Corporation and Ann Gravier, DHS&EM (10 minutes)
 - D. Alaska Partnership for Infrastructure Protection (APIP) – Tony Lazenby and Chad Fullmer, APIP Co-Chairs (10)
 - E. Tier II electronic submission and database – Roberta Carney, DHS&EM (5 minutes)
- XI. Other State Agency and Ex-Officio Reports – **TAB 11**
- XII. Informational Items (**read only / refer to packet**) – **TAB 12**
- A. Ethics Information for Members of Boards and Commissions
 - B. SERC Policies & Procedures Manual 2014
 - C. DRAFT Alaska Intrastate Mutual Aid System (AIMAS)
 - D. DRAFT All Hazards Qualification Guide
 - E. DRAFT LEPCA Bylaws
 - F. Notice to SERC members that the 2015/2016 Hazardous Materials Emergency Preparedness (HMEP) grant packet has been received from the US Department of Transportation (US DOT) by DHS&EM. The grant application was filed by the April 3, 2015 deadline. Members may contact the SERC coordinator if you would like to review it.
- XIII. Public Comment – Five (5) minutes per speaker – **TAB 13**
- XIV. Commission Member Closing Comments and Adjournment – **TAB 14**
- XV. Reserved for Future Use – **TAB 15**

Next meeting: *Friday, October 9, 2015*
Anchorage

Torres, Michelle G (MVA)

From: Mark Romick [REDACTED]>
Sent: Monday, August 17, 2015 3:18 PM
To: Torres, Michelle G (MVA)
Cc: Cox, Sally A (CED); Bower, Trisha M (DEC); Gravier, Ann Y (MVA); 'Andrea Meeks' [REDACTED]
Subject: Stakeholder Input

Wanted to get this to you before I forgot.

1. On Friday, August 14th, 2015 Sally Cox (DCRA) and Mark Romick (AHFC) met with four representatives from the State of Louisiana's application team; Richard Krajewski and Kristina Peterson from the Lowlander Center, Shirley Laska PHD Sociology – University of New Orleans, and Tony Laska from DOE's Gulf Coast Clean Energy Application Center. Richard, Kristina and Shirley have had many years of experience working with Alaskan tribes from the Keweenaw Region related to learning about impacts and response to climate change. They have visited Alaska and several tribal members have visited New Orleans. They have also worked with a number of Alaskans during the Depp Water Horizon Oil Spill in the Gulf on potential economic and social impacts of major oil spills. We talked about sociological impacts of disasters in general and the similarities between the two states in terms of efforts to address climatic changes.

We also discussed an information sharing agreement between Alaska and Louisiana in regards to projects, outcomes and evaluation from the NRDC application regardless if both applications are successful. There are several similarities between the applications; both are focused on relocations of tribal populations along the coast, rising sea levels and storm surges are eroding coast line, where livelihood is related to seafood and proximity to the ocean or river; both are oil producing states where the shocks from fluctuating oil prices can impact state policy decisions; differences: non-federally recognized tribes in Louisiana.

The outcome of the meeting was to formalize an agreement to confer and share information on policy and project development and evaluation after the application process. Regardless of which application is funded, both applicants/states can learn from the other's experience. We agreed to jointly edit a paragraph to include in the applications.

2. On August 17, 2015 Mark Romick spoke with John Walsh and Gerry Davis representing the Yukon Kuskokwim Delta Fishing Association about a potential cash contribution to the port project in Emmonak. Mr. Davis said they were going to be making a \$1M contribution to the project regardless if it was selected as a project under NRDC and emphasized the regional importance of the port and its potential economic impact as well as the resiliency of the design. He said that the YK DFA would be taking up a resolution formalizing the commitment mid-september at their next board meeting. He also mentioned interest in potential Kotlik and Alaknuk projects. Mr. Davis indicated that he and Mr. Walsh had participated in the stakeholder teleconferences during Phase I.

Sally –feel free to add anything to #1.

Vulnerable Populations (NDRC) Meeting 9-15-15 held in HCB Conf Rm# 256

Summary of the Meeting

In attendance: Tanya James, Michelle Torres, Tina Woods, Laura Baez, Connie Jessen, Coleen Sutton

Michel from DHS/EM explained the criteria about the 5 communities that were chosen to work in. She asked for input as to what ANTHC projects are currently going on in those communities as well as what programs will help the vulnerable populations that are affected. Suggestions from the following:

Connie Jessen: ANTHC - HIV/STD

New Programs/suggestions: Youth/Community Center, Youth programs – place to gather and learn.

Existing programs: 1) Prevention programs for youth health such as: “Native is Your Game” – healthy relationships, 2) I know Mine (condoms) supply clinics/individuals 3) STD Testing Kits (over 14 yrs) 4) Youth website – Video “Safe in the Village” 5) Domestic Violence data - coming from Laura Avellaneda-Cruz.

Tina Woods: ANTHC – Wellness and Prevention

New Programs/suggestions: Elders teaching-supporting youth at possibly the Youth/Community Center
2) Prevention programs addressing trauma (that may contain some of the following programs)

Existing: 1) Elders program- developed 9 bed assisted home in Galena – possible study to be done- Resiliency on staff and patients that were affected. 2) Wellness Plan for holistic wellness plan for community (mind, body & spirit) 3) Store Outside Your Door (video done in Alakanuk and Emmonak). 4) Annual Alaska Plants Symposium 4) Story telling training 5) MCH Curriculum 6) Injury Prevention: drowning, injury, 7) Best Practice-Mental Health curriculum training

Laura Baez: ANTHC Behavioral Health (BH)

Regional Health Corporations hire the Behavioral Health Aides (BHA) that work in their communities, we help train and keep the certifications current. They are among the first responders to trauma. We have a clinical person on staff as well works with API – hands off suicide patients back to the communities.

Existing Programs: 1) “Door Way to a Sacred Place” (DWSP) manual was created to assist communities deal with trauma in a variety of ways. There is a DWSP training course on how to deal w/trauma, the healing is powerful. 2) Domestic Violence (DV) technical assistance/training program - prevention and supports communities dealing with the trauma 3) Suicide Prevention, technical assistance/training programs - prevention and supports communities dealing with the trauma. 4) Traumatic Brain Injury program with SOA. 5) Education and Training – we address the needs of the communities &/or BHAs – debriefing after a trauma and Community Assessments.

Also noted:

Dealing with “Dry” communities, RURAL communities – no roadways

Summary of emails regarding current activities in Alaska villages assisting vulnerable populations.

Deferred Maintenance Project – Restoring Shelter Buildings

A joint effort by the Rasmuson Foundation and the State to renovate shelter facilities across the state. The primary nonprofit working with the Rasmuson is the AK Network on Domestic Violence and Sexual Assault.

Two known shelters on the list – Emmonak Women’s Shelter, Bering Sea Women’s Group in Teller.

Alaska Girl Scouts

Girl Scouts serve 6,000 girls in grades K-12, teaching leadership skills, hands on programs in STEM (Science, Technology, Engineering, and Math), financial literacy, public service, and career exploration. Girls are encouraged to participate in service projects in their communities. The following communities have summer day camps at little or no cost to the girls-

Akiachak	Kipnuk	Nondalton
Akiak	Kotlik	Nunapitchuk
Alakanuk	Kwethluk	Pilot Station
Bethel	Kwigillingok	Scammon Bay
Chevak	Manokotak	Toksook Bay
Dillingham	Mountain Village	St Marys
Emmonak	Napaskiak	Tuluksak
Hooper Bay	Newhalen/Illiamna	Tununak
Kasigluk	New Stuyahok	

Girls in other communities can travel to these for the camps, and can participate in their own communities doing service projects such as volunteering with elders, berry picking, environmental education activities, Girl Scout badge work, and more.

ANTHC Rural Energy Initiative Program

ANTHC conducts energy audits on communities and can create projects based on community needs and potential future energy savings. For the purpose of the CDBG-NDR they identified three projects based on recovery from past disasters. Emmonak, Alakanuk, and Kotlik all use an “incredible amount of energy in their sanitation systems, partially as a result of the impacts of flooding”. The communities operate systems known as vacuum sewer systems, which use an old system of rotary vane pumps. Newer oil-less systems would dramatically reduce future energy costs, as well as the risks of fires.

Emmonak cost - \$212,000

Annual savings - \$40,000

Alakanuk cost – 185,000

Savings – 47,000

Kotlik cost – 172,000

Savings – 31,000

Alaska Native Epidemiology Center's Wellness Strategies

The ANTHC ANEC is a CDC-funded program that aims to reduce the impact of heart disease, diabetes, and stroke among Alaska Natives and American Indians. There are five tribal health organizations participating in this program, one of which is TCC (others weren't listed). During the first year of the program, started in September 2014, TCC formed a cross-sector working group, reviewed relevant health data, and gathered community input on perceived needs to improve health and wellness. Current main goals are to increase access to healthy food and reduce the prevalence of obesity in the region.

ANTHC Colorectal Cancer Control Program (2009-2015)

This program provided some technical assistance to TCC to help increase colorectal cancer screening among Alaska Natives served by TCC, through health education materials, personnel at two annual health fairs, and information on screening guidelines.

DHAT Educational Program

The Dental Health Aide Therapist program teaches people from tribal communities how to provide midlevel dental care, such as fillings, extractions, and prevention services. After the two year educational program, students return to their home communities to provide dental services to that community and surrounding ones (as able). Applicants are recruited statewide. Current DHAT working locations-

Newtok, Kotlik, Teller, Emmonak, Alakanuk, AVCP, Kewarak, Galena (in training), TCC (in training)

Store Outside Your Door

These short film series highlight traditional foods, cultures, and recipes from multiple communities, including Emmonak, Galena, and Alakanuk. YouTube channel [youtube/anthcstoreoutside.com](https://www.youtube.com/channel/anthcstoreoutside.com).

Also a few years back there was a food consumption/market study in Alakanuk as part of a USDA funded research project called Helping Ourselves to Health.

Native It's Your Game

This youth program is a HIV/STI and teen pregnancy prevention program focusing on healthy decision making skills in TCC and Bering Strait communities.

Teller Consultation

CDBG Grant Application & Potential Projects

Teller Meeting Agenda – Tuesday August 25, 2015

Discussion Items

1. Community Development Block Grant – Disaster Recovery
 - a. Rockefeller Foundation and HUD – holding a competitive grant application process to award funding to communities impacted by major disaster events in 2011, 2012 and 2013.
 - b. State of Alaska is applying for money for eligible communities. The first step is identifying projects to include in the application. The goal is to “Consider the full range of community development objectives and to design disaster recovery projects to function well through reasonably foreseeable conditions, including those related to climate change.”

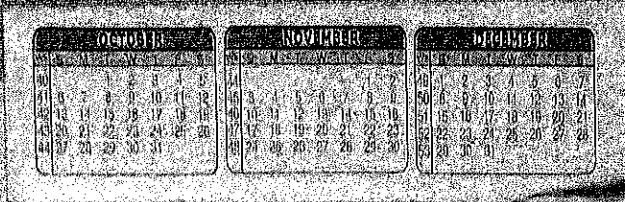
2. Previously Listed Priority Projects for Community
 - a. Hazard Mitigation Plan - 2013
 - b. Local Economic Development Plan - 2014

3. Other Potential Projects

4. Community Survey

5. Contact Information
 - a. Andrea Meeks (CRW Engineering Group, LLC) ameeks@crweng.com (907) 562-3252
 - b. Trisha Bower (State of Alaska, DEC Solid Waste) trisha.bower@alaska.gov (907) 451-2174

6. Questions



Teller NDRC Public Meeting Meeting Agenda

August 25, 2015
12-1pm- Lunch Provided

Type of Meeting: This meeting will be about the National Disaster Resiliency Competition (NDRC) grant application that the State of Alaska would like to develop in Teller. This grant could include projects like the seawall, new housing, and power plant relocation.

Meeting Facilitator: Trisha Bower, ADEC Solid-Waste Program

Invitees: The Community of Teller

I. NDRC Grant Description

- a) Eligible Activities
- b) Community/Stakeholder Involvement
- c) Outlining Community Priorities- Seawall, housing, school project, etc.

II. Scheduling the Next Public Meeting

Community Members
Please attend this
Public meeting 8/25/15
12-1 pm Community Hall

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: ~~NO~~ erosion of seawall,
no more point road - or isnt normal

2. Erosion and/or flooding is causing the following problems in our community:

No seawall, no point,

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

New Seawall, relocation of power plant,
new housing in future

4. Any other ideas or suggestions regarding improvements in Teller:

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Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:
grave site is close to fall apart near beach. no evacuation
road, if it floods high enough we cant cross to new
site. no access to Teller Spit, when flooding.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):
move community to new site. move or cover
current sewer lagoon, (next to school) make
road higher. where it floods most. Need
more housing!!!! Bigger water tank.
Bigger oil and fuel tanks.

4. Any other ideas or suggestions regarding improvements in Teller:

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Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Weather is warmer during
the winter we have only few months of winter
Snow does not come down until October November
we have different kind of Bugs & animals.

2. Erosion and/or flooding is causing the following problems in our community:

Close to the crosses to the end of the lakeside
Teller Point

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Jobs for local people
People + homes will be protected with a seawall

4. Any other ideas or suggestions regarding improvements in Teller:

move the school & clinic
Need a fire equipment.
transportation for school kids - Elders

CDBG – NDRC Phase II Application
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Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

{YES} NO NOT SURE

If YES, please give an example: The water/harbor/ocean, during flood seasons/storms reaches passed or near or over public accessible roads. As also it is effected by raging through our sea walls. Torn up roads such as the Cove/the point road.

2. Erosion and/or flooding is causing the following problems in our community:

Damaged sea walls, approaching the graveyard, roads are becoming damaged.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Back up Generator to have a power back up for the community. Or back up power plant to keep heat and electricity on going until safe.

4. Any other ideas or suggestions regarding improvements in Teller:

Need some back up roads for relocating or evacuating.

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Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: SEAWALL WASHED OUT FROM
PASSED YEARS STORMS, POWER HAS TO BE
SHUT OFF X AMOUNT OF DAYS WHEN STORM AFFECT
POWER LINES AT NEW SITE

2. Erosion and/or flooding is causing the following problems in our community:

IT IS TOO LATE TO STOP ANY MAJOR LAND
AND PROPERTY DAMAGE THAT EROSION HAS
ALREADY CREATED

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

NEW SEAWALL, ROAD IMPROVEMENTS WHERE
FLOODING CAN REACH RESIDENTS

4. Any other ideas or suggestions regarding improvements in Teller:

TELLER CITY DUMP SITE, THE FENCING
IS ALL FALLING DOWN, GARBAGE IS
SCATTERED ALL OVER THE COUNTY AND
THE HONEY BUCKET SITE ~~IS~~ NEEDS
TO BE ADDRESSED FOR A NEW SITE

CDBG – NDRC Phase II Application
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Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Our main community is on a flood plain

2. Erosion and/or flooding is causing the following problems in our community:
Our Power Plant and fuel storage and school's for our community is on a flood plain
3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Our main road is easily and yearly has flood erosion to our town of Teller

4. Any other ideas or suggestions regarding improvements in Teller:

Cross runway would be beneficial

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Erosion on ~~the~~
both seawalls

2. Erosion and/or flooding is causing the following problems in our community:

High water

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Sea wall, evacuation route,
Moving the school

4. Any other ideas or suggestions regarding improvements in Teller:

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Higher Tide
Land Erosion Perma Frost melting
Making Big Holes on the Tundra

2. Erosion and/or flooding is causing the following problems in our community:

Town is in low lying ~~area~~ area
Power plant is the first place
the water is going to hit
and needs to be moved to higher grounds

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Power plant + school
or even an En. Generator for new site
so that the whole town don't black out

4. Any other ideas or suggestions regarding improvements in Teller:

The most important first

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:

Our seawall

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

rebuild our sea

4. Any other ideas or suggestions regarding improvements in Teller:

Some kind of transportation for us
if we have to go to new site (boats) car

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Winter is colder, not as much rain in summer

2. Erosion and/or flooding is causing the following problems in our community:

Roads and beaches are eroding causing them to become narrow or diminished

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

More housing available, a teen center/game room, basketball court

4. Any other ideas or suggestions regarding improvements in Teller:

Deconstruction of abandoned buildings and to remove abandoned or destroyed vehicles

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion & flooding

2. Erosion and/or flooding is causing the following problems in our community:

no more seawall, graves are going to start ~~erode~~ falling/ (erosion) from the tundra,

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

seawall project
Higher / move power plant

4. Any other ideas or suggestions regarding improvements in Teller:

New housing @ or new site away from flood planes.
Relocate Teller (town) to higher ground.

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: The weather in this
area is staying warmer. The Country
side is eroding we are experiencing
warmer weather.

2. Erosion and/or flooding is causing the following problems in our community:

At a fast pass

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

maybe more help from the state
or others

4. Any other ideas or suggestions regarding improvements in Teller:

Thank for trying to help

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example:

Beach erosion, permafrost
melting and making our land mushy.
Yearly flooding blurring the fall season.

2. Erosion and/or flooding is causing the following problems in our community:

Yes

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

More housing for all members in our
community. Crosswind runway so that
if we have an emergency we will have
planes come in.

4. Any other ideas or suggestions regarding improvements in Teller:

Dump site needs to be looked over we
have a overflowing land use site -
We need heavy equipment to maintain
our ~~road~~ city road system + snow removal.
Better equipment for our honey bucket system
instead of using 4 wheelers + snow machines.

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Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:

Cemetery may be eroding from the sea side and should be checked on

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

*Need funding for cleaning up the burned down old Blodgett store and some collapsed old buildings
Haul away the old cars.*

4. Any other ideas or suggestions regarding improvements in Teller:

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Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: HIGH WATER LEVEL (TIDE)
MORE RAIN, EARLY THAW, SORES
AND LESIONS ON FISH AND SEALS,
DIFFERENT INSECTS, EROSION

2. Erosion and/or flooding is causing the following problems in our community:

SEAWALL DETERIATING, NEW CHANNELS
PERSONAL EQUIPT. DAMAGE BY HIGH
SEA LEVEL AND SURF

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

SEAWALL, RAISE ROADS, EVACUATION
PLAN, COMMUNITY CENTER OUT OF
FLOOD ZONE FOR EVACUEES

4. Any other ideas or suggestions regarding improvements in Teller:

CDBG – NDRC Phase II Application
Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Erosion around
Teller. Erosion of our
Cemetery

2. Erosion and/or flooding is causing the following problems in our community:
Yes more and more we fall to
storms.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Seawall - Especially to the
Ocean side

4. Any other ideas or suggestions regarding improvements in Teller:

Start building in Frustration
higher up Teller is on flood
zone

Better handvomat
Water-Clean
Buses - Elders and school.

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Teller Community Engagement – August 25, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion ~~at~~ ~~source~~ of
area around village.

2. Erosion and/or flooding is causing the following problems in our community:

Evacuations to new site, water in
homes.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

- Sea Wall
- Road improvement to get out
- Water tank at new site, and down
- Spit reinforcement
- Move school for Emergency Center. (or rebuild)
- Water management at new site.

4. Any other ideas or suggestions regarding improvements in Teller:

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Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example:

Erosion around ~~roadside~~
village

2. Erosion and/or flooding is causing the following problems in our community:

Every year is getting worse

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Seawall
relocate Power plant

4. Any other ideas or suggestions regarding improvements in Teller:

Seawall
Relocate Power plant

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1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion, flooding annually
Permafrost melting creating valleys
Gravesites poking through the ground

2. Erosion and/or flooding is causing the following problems in our community:
power plant shuts down - no electricity
days weeks in the year, schools
sewage lagoon floods over spills over
(we need small generators for households)
3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Clean up old vehicles equipment
fire damaged buildings, old deteriorated
buildings

Seating benches for elders outdoors

4. Any other ideas or suggestions regarding improvements in Teller:

raise roads - for flooding and
snow removal daily could be weekly
if raised road

Complete 1/4 land for housing + projects
multi purpose building - community hall @ new housing
we see other communities get 40-50
homes while we have 4 new in last 20 years

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1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion & rise of sea level

2. Erosion and/or flooding is causing the following problems in our community:

danger of losing school & septic pond
also their fuel storage tanks possible loss of
privat homes in old part of village
possible loss of life with out evacuation
Road

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

A sea wall, raise the Front Road & rip
wrap it, build a evacuation road

4. Any other ideas or suggestions regarding improvements in Teller:

A New bulk storage fuel Farm
for City of Teller

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1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: more severe and frequent
fall storms. Late worn icing and flooding
along old Teller site.

2. Erosion and/or flooding is causing the following problems in our community:

Erosion from our cemetery to Teller spit?

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Seawall construction
Evacuation road in old site
Raise power plant or relocate to new site
Cross-wind runway

4. Any other ideas or suggestions regarding improvements in Teller:

repair/replace landfill/sewer lagoon @ dump

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1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: previous storms changed
our seasons / fall, summer, erosion
occurrences at our cemetery,

2. Erosion and/or flooding is causing the following problems in our community:

erosion at our back part of cemetery,
Teller Point (Spit) changed and needs
to be cleaned up and realigned - from
previous fall storms.
fall storms causes flooding at Teller town + most
people evacuate to homes @ new site

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

seawall
hoisting
evacuation road
raise roads
relocate ~~DPS~~ or build new power plant
relocate school + Head Start school

4. Any other ideas or suggestions regarding improvements in Teller:

city transportation? new heavy equipment? Loader
excavator, fork lift
High speed Internet 4G or higher

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1. I believe our community is feeling the impacts of climate change (please circle your opinion):

~~YES~~ NO NOT SURE

If YES, please give an example: ~~_____~~

2. Erosion and/or flooding is causing the following problems in our community:

~~roads along 1st street starting to~~
~~disappear same with their road to the point~~
~~part of the seawall getting torn apart.~~

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

4. Any other ideas or suggestions regarding improvements in Teller:

~~Native store at new site just increase~~
~~town floods better worked on roads.~~
~~Relocate school~~
~~Relocate power plant~~

TELLER MEETING SIGN IN

AUG 25, 2015

James Anshuk	TNC
Brenda Puchit	TELLER
John D. Oquilluk	Teller
Janette Menadelook	City
Christopher Lee	Teller
Quinda Menadelook	Teller
William Ougawasvuk	Teller
Virginia Menadelook	Teller
James Okepealuk	THA
Andrew Irrigoo	THA
Julia Lee	TNC, IRA, THA
Irene Kakaruk (camp) 987-9342	MINC MITC Teller
Ruby Topkok	City
Maria Tuboani	member
Agnes Woyanuk	member
Kurt San Agustin	School
Don Gamble	City
Dolly R. Kuznie	City / Native Village of Teller
Krista Kuznie	Teller
Iris Topkok	Teller
Brad Okepealek	Teller AK
Janis Menadelook	Teller, Alaska
Carolyn Oquilluk	Teller, AK
Blanche Okepealek Gamble	Teller AK
Loy Foster Jr	Teller AK
Samah Okbook	Teller
Andrew Meeks	CRW
Roger J. M. Lee	Teller
John Topkok	MINC

Jenny M. Lee

President Teller Traditional Council (NOSH Rep)

Title: The U.S. Housing and Urban Development (HUD)
Community Development Block Grant -National Disaster Resilience (CDBG-NDR)

Introduction: HUD has launched a National Disaster Resilience Competition making nearly \$1B available to competition for all 50 states and 17 local governments. Competitive funding will be awarded in Dec 2015 at the end of a two phase process.

The State of Alaska advanced to Phase 2 of the competition among 39 other potential Grantees. Phase 2 is the project phase. Project grants will range from \$1M to \$500M. A "project" is a larger "umbrella" project under which there are many smaller related community and regional resiliency projects.

Eligible project communities are those which incurred damages in any of Alaska's 7 qualifying disasters in from 2011-2013. Selected project communities are those determined to be "most-impacted, distressed" and had the most "unmet needs" per HUD criteria and using FEMA data. Other criteria include disaster tie back, community engagement, long-term commitment, leverage, regional impacts, scalability and replicability.

A draft Phase 2 application will be submitted for public comment by October 1, 2015. The State's final Phase 2 project application will be submitted by October 28, 2015.

Projects should include the following to be considered competitive:

- Tie-back to qualifying disaster (2013 Spring Flood)
- Local and regional resiliency concepts which include community planning, environmental factors, risk reduction, improved socio-economic conditions
- Ongoing local investment (leverage)
- Address the needs of children and vulnerable populations

Potential projects might include:

- Property acquisitions (voluntary buyouts) and relocations
- Residential, business and local elevations
- Infrastructure protection
- Workforce training
- Embankment/seawall stabilization
- Renewable energy
- Upgraded sewer and water system
- Landfill protection and upgrade
- Comprehensive community plan
- Environmental observing programs (training and equipment)
- Hazard and risk analysis studies

Ask: Prioritized list of projects with associated scopes of work by September 15, 2015

For more information contact: Ann Gravier, State Hazard Mitigation Officer, 907-428-7045 or at ann.gravier@alaska.gov

Newtok Consultation

Jennifer LeMay

From: Cox, Sally A [REDACTED]
Sent: Tuesday, September 15, 2015 5:31 PM
To: Andrea Meeks; Jennifer LeMay; Belanger, Daniel P (MVA); Bower, Trisha M (DEC); Fonteyn, Alex R (MVA); Gravier, Ann Y (MVA); Jeff Stanley; Mark Romick; Patrick M. PE LeMay (patrick.lemay@lemayengineering.com); Torres, Michelle G (MVA); Woody, Jared B (MVA)
Subject: Newtok teleconference this afternoon

Team,

The Newtok teleconference went very well. We had members of the Newtok Village Council (NVC) and the Newtok Native Corporation (NNC) on the phone, Mike Walleri - attorney to the Newtok Village Council, Jack Hebert, Aaron Cooke and Molly Rettig with the Cold Climate Housing Research Center, as well as Andrea and Jennifer and me. NVC and NNC are very supportive and excited about this project.

We discussed:

Housing – buyout of any remaining (~50) homes at Newtok with CCHRC designed homes constructed by a local labor force at Mertarvik. Jack Hebert foresees more than one prototypical design for the community. He doesn't think it will be a problem to come up with a good cost estimate. Home construction would be phased over 3-4 years.

Water/Sewer – decentralized systems

Power – micro-grid concept

Landfill – interim landfill concept

Two additional projects the community would like to include:

1. The completion of the Mertarvik Evacuation Center (MEC) using CCHRC's original conceptual design for the building. Once built, the MEC could serve as an interim school and clinic for the new community. State legislative grant funding could serve as leverage for this effort.
2. The subdivision survey and record plat: the Tribe isn't making any headway with the Corps of Engineers moving forward on this project, so they would like to fold it into this project proposal to coordinate with design/construction on homes.

I am trying to set up a another meeting with Andrea, Jennifer, CCHRC, Mike Roberts with ANTHC and Greg Magee with VSW to see how we can pull all this together.

In addition to scheduling another trip to Newtok in a couple of weeks, I'd like to schedule a Newtok Planning Group meeting.

Sally

Sally Russell Cox

> [REDACTED]

From: Cox, Sally A (CED)
Sent: Tuesday, September 15, 2015 11:42 AM
To: Torres, Michelle G (MVA); Andrea Meeks; Belanger, Daniel P (MVA); Bower, Trisha M (DEC); Fonteyn, Alex R (MVA); Gravier, Ann Y (MVA); Jeff Stanley; Jennifer LeMay; Mark Romick; Patrick M. PE LeMay ([REDACTED]); Woody, Jared B (MVA)
Subject: Newtok Trip

Hi folks,

Andrea, Jennifer and I made it to Bethel yesterday, but after spending several hours at the RAVN Hanger, we learned around 4:30 pm that the final flight to Newtok had been cancelled.

So we are back in Anchorage today, but plan to hold a teleconference with the Newtok Village Council and the Newtok Native Corporation, today at 2-pm.* I'll go over much of what I planned to cover at the community meeting and then we'll try for another community-wide meeting in Newtok in a couple of weeks, ~ 1st week of October.

Sally

Sally Russell Cox | Planning and Land Management | Division of Community and Regional Affairs
State of Alaska | Department of Commerce, Community, and Economic Development
550 West 7th Ave, Suite 1640 | Anchorage, Alaska 99501
> Phone: (907) 269-4588 > Fax: (907) 269-4066

From: Torres, Michelle G (MVA)
Sent: Tuesday, September 15, 2015 8:17 AM
To: Andrea Meeks; Belanger, Daniel P (MVA); Bower, Trisha M (DEC); Cox, Sally A (CED); Fonteyn, Alex R (MVA); Gravier, Ann Y (MVA); Jeff Stanley; Jennifer LeMay; Mark Romick; Patrick M. PE LeMay
(b) (6); Woody, Jared B (MVA)
Subject: Vulnerable Pop idea

Team,

Tonya James from ANTHC forward this to me. What an exciting idea, having a skatepark for youth! Kwethluk had one installed earlier this year. It costs roughly \$217,000 and that price includes 40 skateboards and 85 safety gear. Wouldn't this be a great thing to have for all 5 of our communities. It address the issue of youth and boredom. Any thoughts?

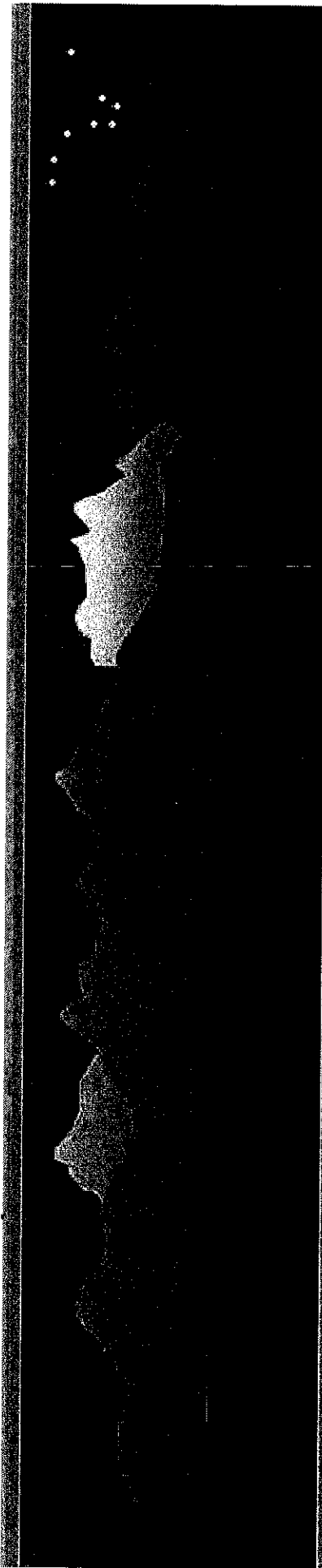
Thanks,

Michelle Torres
Emergency Management Specialist (EMS) II
Division of Homeland Security and Emergency Management (DHS&EM)
P.O. Box 5750
JBER, AK 99505-5750

Phone: (907) 428-7032 Cell Phone: (907) 521-9330
Fax: (907) 428-7009 Toll Free: (800) 478-2337

E-mail: michelle.torres@alaska.gov

Website: www.ready.alaska.gov



The National Disaster Resilience
Competition (NDRC)

a.k.a

Community Block Development Grant -
National Disaster Recovery (CDBG-NDR)

Agenda

- What is CDBG-NDR?
- Application process and timelines
- The State Interagency Working Group (IWG)
 - Area/Community selection process
 - Application status
 - Phase 2 Effort
 - Application requirements
 - Project selection process
 - Anticipated (needed) resources

What is CDBG-NDR?

- A HUD grant funding opportunity for nearly \$1B in disaster recovery funds to eligible communities with the most competitive proposals. Awards: \$1M-\$500M
- The State of Alaska in one of 67 eligible applicants as a grantee impacted by Presidentially-declared Disasters in 2011, 2012, and 2013
- Further, target areas must meet eligibility thresholds for (most) impact (\$2M), distress (income, housing, economically fragile/tribal, environmental) **and** unmet needs (\$400K)
- Other considerations: geographical diversity

The Application Process

Two-phased application process

- Threshold review: Eligible applicants submit threshold review to HUD for preliminary eligibility determination (November 4, 2014)
- Phase 1: Evaluates grantee capacity, need, soundness of approach, leverage and outcomes and long-term commitment
- Phase 2: Evaluates same criteria as above for project submissions
- Project award
- Project implementation

Program Timeline

Estimated Dates	Major Activities
Mid-March 2015 (March 27, 2015)	<ul style="list-style-type: none">• Completion of Phase 1 application due to HUD
March - June 2015	<ul style="list-style-type: none">• HUD review phase• Announcements of successful Phase 1 proposals and invitations extended for Phase 2 applications
June - October 2015	<ul style="list-style-type: none">• Preparation of Phase 2 applications
December 2015	<ul style="list-style-type: none">• Announcement of Phase 2 winners• Funding levels announced for all successful applicants
Early 2016	<ul style="list-style-type: none">• Grant agreements signed and sent to successful applicants

State Interagency Working Group (SIWG)

Core working group initiated under statutory responsibilities of DHS&EM and DCRA for disaster recovery, CDBG, and resiliency missions. Core members added: AHFC and DEC

- Partners: ANTHC, Kawerak, TCC, EDA, DGGs, USDA, Denali Commission, Rasmuson Foundation, ACF

- Stakeholders: Alakanuk, Emmonak, Fort Yukon, Galena, Hughes, Kotlik, Newtok

- Goals

- Assess and determine eligibility and risk
- Submit Phase 1 application
- Submit Phase 2 application

Target Area/Community Selection

40 communities: **Alakanuk**, Chistochina, Circle, Crooked Creek, **Diomede**, Eagle, Elim, **Emmonak**, Fort Yukon, **Galena**, **Golovin**, Goodnews Bay, Gulkana, Homer, Houston, **Hughes**, Kenai, Kenai Peninsula Borough, **Kipnuk**, **Kotlik**, Koyuk, Matanuska-Susitna Borough, **Newtok**, Nome, Nunum Iqua, Platinum, Red Devil, Scammon Bay, **Seward**, **Shaktoolik**, **Shishmaref**, Stebbins, Stevens Village, Tanacross, Tanana, Teller, Togiak, Tununuk, Tynonek, **Unalakleet**

- Filtered through data-driven process: **16 communities submitted for threshold review (October 31, 2014)**

Target Area/Community Selection

Final Phase 1 submission:

- 2 Target Areas were qualified: AVCP and TCC Tribal Areas
- 7 communities identified as most impacted, most distressed, most unmet needs:
 - AVCP Tribal Area: Alakanuk, Emmonak, Kotlik and Newtok
 - TCC Tribal Area: Fort Yukon, Galena, Hughes

* Kawerak Tribal area was evaluated against grant criteria, but data did not support eligibility at the time of Phase 1 submission. Since then, a qualifying information has become available. A project may be submitted for Kawerak Tribal area if the SOA desires.

State of Alaska Application Status

On June 22, 2015, HUD notified the State that we were a finalist for Phase 2 of the National Disaster Resilience Competition

- Phase 2 is the “project development” phase.

Phase 2 Project Selection Considerations

- Geographic diversity
- Eligibility and scoring: most impacted, distressed and unmet needs
- Unmet need project tieback
- Overall project resiliency concept
- Community committed leverage
- Project completion within period of performance September 1, 2015-September 30, 2019

Newtok Project Proposal

Tie-Back to the Disaster:

- In DR-4162, Newtok reported and documented damages to boardwalks and docks
- The real resilience action for Newtok is to help entire community move to Mertarvik
- The key limiting factor to the community moving to Mertarvik is housing

Newtok Project Proposal

- Buyout of remaining homes (50?) in Newtok with re-build of new homes at Mertarvik
- Propose Cold Climate Housing Research Center to design prototype homes which will be built by local labor force
- Supporting utilities for new homes:
 - Water
 - Sewer
 - Power

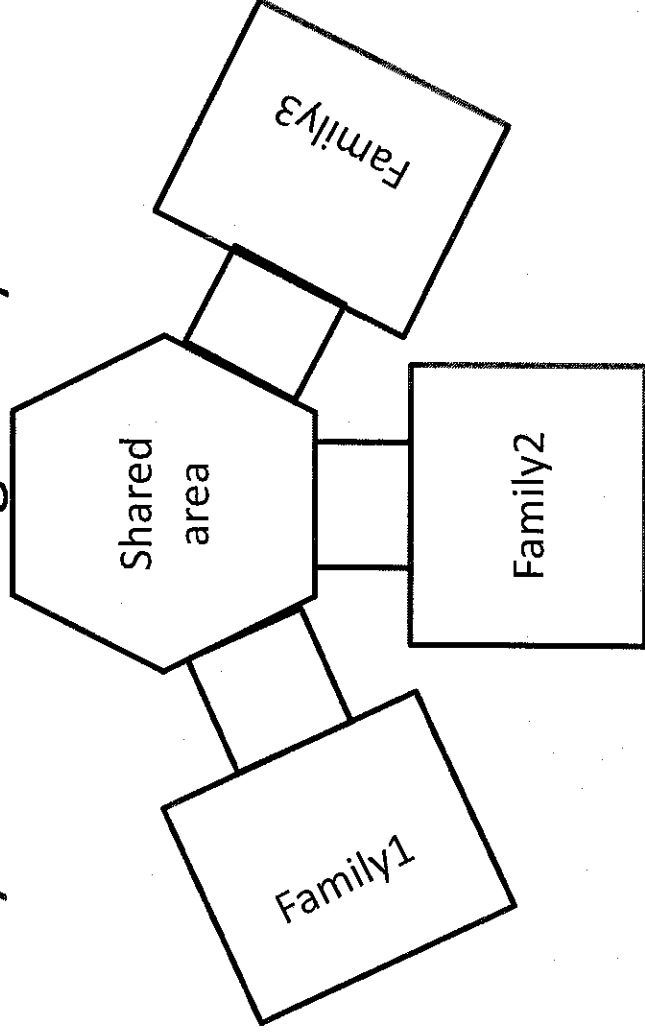
Newtok Project Proposal

Renovation of 12 homes relocated this summer

- Winterization
- Add water/sewer
- Development of residential roads
- Development of landfill (may be “interim” landfill)
- Other?

Ideas

- Buyout basically swaps home for home.
- How to deal with current overcrowding?
 - Multi-family homes designed by CCHRC?



Previously Listed Priority Projects

- Local Hazard Mitigation Plan 2015
- Mertarvik Strategic Management Plan 2011
- Other potential projects?

Points of Contact

Sally Cox, DCRA, SIWG Project Lead,
sally.cox@alaska.gov, 269-4588

Andrea Meeks, NDRC Grant Project
Manager, ameeks@crweng.com, (907) 562-
3252

Jennifer LeMay, NDRC Grant Writer,
jlemay@lemayengineering.com



Questions/Comments/Concerns

Alakunak Consultation

Sign sheet 09/08/2015

Resident/ Native corporation/tribal,
business/school/visitor

Please put first letter after your name that bests
describes you as →

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <u>Karen Paul R</u> 2. <u>Regina Black B</u> 3. <u>Allen Hanson R</u> 4. <u>Michelle Joseph R</u> 5. <u>Kevin Joseph R</u> 6. <u>Marilyn Standen (B)</u> 7. <u>Patrick Lemay (B)</u> 8. <u>Tyler Cook (B)</u> 9. <u>Shirley Kuster (R)</u> 10. <u>Shirley Angline (R)</u> 11. <u>Gracelyn Johnson (B) YRT</u> 12. <u>John Cook - R</u> 13. <u>John Cook NC</u> 14. <u>Elizabeth S Angline (B)</u> 15. <u>Terrence Angline (R)</u> 16. <u>Steve Angline</u> 17. <u>Anna Johnson</u> 18. <u>John Kamm</u> 19. <u>Joseph Phillips R</u> 20. <u>Alice Wasky R</u> 21. <u>Mardy Hanson R</u> 22. <u>George Wasky R</u> 23. <u>Rita Joseph Williams NC</u> 24. <u>John BUSTER JR. R</u> 25. <u>Mark Spool R</u> 26. <u>Shelia Aguchak (R)</u> 27. <u>Regina Angline R</u> 28. <u>Edna Jones (B) (R)</u> 29. <u>Mark A. (R)</u> | <p>R - resident
NC - Native Corp.
T - Tribal
B - business
S - School
V - Visitor</p> |
|---|--|

30 ~~1st Dan~~ Jonathan Damian (R)

31. ~~Jaime Shotton~~ (R)

32. _____

33. _____

34. _____

35. _____

36. _____

37. _____

38. _____

39. _____

40. _____

CDBG – NDRC Phase II Application

Alakanuk Community Engagement – September 8, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: more fall flash floods
Damage my Boat & motor & Four wheeler
also water Damage New snow machine from ferns

2. Erosion and/or flooding is causing the following problems in our community:

yes flooding more higher in fall floods

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Bigger community gathering area

4. Any other ideas or suggestions regarding improvements in Alakanuk:

Make more Housing for families in need

CDBG – NDRC Phase II Application

Alakanuk Community Engagement – September 8, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: River side banks are falling in making our river more wider & deeper.

2. Erosion and/or flooding is causing the following problems in our community:

Our roads are being filled with pot holes

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Teen Center, Housing Units For small families as each house hold expands, More Stores, movie theatre, maybe possibly a Mall!! More things to do for everyone.

4. Any other ideas or suggestions regarding improvements in Alakanuk:

More homes for future families as our community grows!

CDBG – NDRC Phase II Application
Alakanuk Community Engagement – September 8, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Flash Floods

2. Erosion and/or flooding is causing the following problems in our community:
Beach, Housing, Roads, Electric Poles

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):
Beaches, Roads, Docks,

4. Any other ideas or suggestions regarding improvements in Alakanuk:
Roads, Electric Poles, Airport Road,

CDBG – NDRC Phase II Application

Alakanuk Community Engagement – September 8, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: We have longer Summers
thus our bank erosion is extending throughout
November instead of October. Few houses have
had to be moved to safer ground because of
changes of falling over the bank.

protection over

2. Erosion and/or flooding is causing the following problems in our community:

Houses below the "Old Airport" are getting
dangerously close to bank erosion. The
tribal building is getting close to the bank
erosion.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Multipurpose building for community events & Yup'ik Potlaches
Theatre, teaching traditional skills; A vacuum pump
for toilets? school use - over 200 students in attendance &
Teacher housing for the community. Teachers are
deteriorating.

Youth facility
where they can
keep active.

- physically
- emotionally
- mentally

4. Any other ideas or suggestions regarding improvements in Alakanuk:

Erosion control to keep usable land intact,
Alakanuk Airport used as an alternative
hub facility in lieu of Emmonak Hub. A Yukon
landing dock to alleviate the Alakanuk slope
erosion from the water and prop action.

~~Alakanuk~~

CDBG – NDRC Phase II Application

Alakanuk Community Engagement – September 8, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: More higher levels of water during fall time - longer time for the rivers to freeze and become safe enough to travel on -

2. Erosion and/or flooding is causing the following problems in our community:

Rivers are getting wider and our community is having to move houses further back away from the river banks

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Finding a way to help river banks from eroding so much.

4. Any other ideas or suggestions regarding improvements in Alakanuk:

CDBG – NDRC Phase II Application

Alakanuk Community Engagement – September 8, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example:

Changes in weather warmer & erosion much more than in previous years.

2. Erosion and/or flooding is causing the following problems in our community:

Yes to both. Land erosion causing land deterioration to homes & buildings.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

- After roads to be maintained within the community.
- New Foundation - not all houses are connected to 95.
- Connect Allam Tunegun program to the wellness projects for young people & keeping cultural activities going.

4. Any other ideas or suggestions regarding improvements in Alakanuk:

- Up grade or find funds for new heavy equip.

CDBG – NDRC Phase II Application
Alakanuk Community Engagement – September 8, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Crazy winters – rain in the middle of winter, not much snow, etc. Erosion still ongoing

2. Erosion and/or flooding is causing the following problems in our community:

Slough banks getting too close to homes. Need some type of embankment

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Laundry facility to restart, water/sewer equipment to upgrade, dump area cleaned up (road area)

4. Any other ideas or suggestions regarding improvements in Alakanuk:

CDBG – NDRC Phase II Application
Alakanuk Community Engagement – September 8, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: we now have fall
Flash Floods and Storm Surges
and is really eroding our
Banks All Through out our
Village in Alakanuk

2. Erosion and/or flooding is causing the following problems in our community:

we have to move Houses away
from The Eroding Banks, and
our Dump site fills with
water which is not healthy for
our community

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

find some kind of Erosion control
move some of the main water
line away from Eroding Bank
build an Evacuation Center
for The whole Village

4. Any other ideas or suggestions regarding improvements in Alakanuk:

City of Alakanuk needs Heavy
Equipment for Natural Disasters
Excavator, D-5 or D-6 Tractor
Front end Loader to help us
move homes

after fall Flood we lost a
Vacuum pump at our water/
Sewer Plant we need another pump
that goes out into will have to have to have

CDBG – NDRC Phase II Application
Alakanuk Community Engagement – September 8, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: The weather is changing
how our community is especially with
all the erosion and houses are getting
so close to the bank. Even houses are
shifting and really don't have the material to do
anything.

2. Erosion and/or flooding is causing the following problems in our community:

A lot of buildings are getting so close to the
bank

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Having more houses here because there
are limited houses here and having to
live with other people. Especially when it's
overcrowded.

4. Any other ideas or suggestions regarding improvements in Alakanuk:

We just need more houses.

Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Wednesday, August 26, 2015 10:41 AM
To: 'Marti Castle Bickford'; Torres, Michelle G (MVA); 'Mark Romick'; Cox, Sally A (CED); [REDACTED]
Cc: Kelly, Shirley; 'Ragnar Alstrom'; 'Gerry Davis'; 'John Walsh'
Subject: RE: Alakanuk Projects

Thanks Marti,
That is really helpful.
Ann

Ann Y. Gravier
State Hazard Mitigation Officer
Department of Military and Veterans Affairs (DMVA)
Division of Homeland Security and Emergency Management (DHS&EM)
P.O Box 5750
Fort Richardson, AK 99505-5750
907-428-7045

From: Marti Castle Bickford [REDACTED]
Sent: Tuesday, August 25, 2015 1:17 PM
To: Gravier, Ann Y (MVA); Torres, Michelle G (MVA); 'Mark Romick'; Cox, Sally A (CED); [REDACTED]
Cc: Kelly, Shirley; 'Ragnar Alstrom'; 'Gerry Davis'; 'John Walsh'
Subject: Alakanuk Projects

Hi All: I talked at length to the City Manager at Alakanuk, Lewis Fletcher, about disaster related project for the community.

He had a number of projects that I want to pass on.

- Raise houses so they are above flood level
- Bank erosion – the area around the barge landing and all along the river bank is eroding more and more every year. Measures need to be taken to stop this.
- There were plans to build 4 new homes but this was canceled due to lack of funds. The homes were to be for people whose houses were flooded and damaged so that they are unlivable.
- An alternative energy source – wind or solar – that can be used during lengthy power outages during disasters.
- Water suction pipe was damaged during flooding and storms in 2013. This has not been fully repaired and needs to be
- Road to airport needs to be fixed and a culvert installed so village is not cut off from airport during storms.
- A means to heat glycol lines for water and sewer during storm related power outages – solar or wind have been suggested.
- Green houses to raise vegetables that could help feed residents year round but especially during flood or wind disasters when food can't be flown in. These could be heated with wind turbine or solar.

Still working on getting a list from Kotlik but theirs will likely be very similar – especially for raising houses and bank erosion.

Marti

Galena Consultation

CBDG - Community
Meeting Sign-in
Sept 1



Name

Name

Eric Kowitz
Ken Wolt
Bea Blesu
Brian Landrum
JOSH PITTSENBARGER
josh.pittsenbarger@galenunet.com
Jylie Sam
Paul Roseman
Richard Miller
Shanda Huntington
Chris Ratan
TIM BODONY
Jenny Pelkola

Ann Gravier
Patrick LeMay
Nick Hrusy
Ken Essee
Brad Scotton
Sandy Scotton
Jon Kortta
Tim KAUKE
Pat Lumba

Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Tuesday, September 01, 2015 9:01 PM
To: Torres, Michelle G (MVA); Cox, Sally A (CED); Bower, Trisha M (DEC); AHFC Mark Romick; Andrea Meeks; Avey, Adrian M (MVA); Jennifer LeMay; Jeff Stanley; Patrick LeMay
Subject: Galena CDBG-NDR community meeting

Team

Just a few notes on the subject meeting which occurred on September 1, 2015 from 1900-2000.

There were about 20 people in attendance, which was very good given the short notice and time of year. Mayor Jon Korta introduced me and Patrick and we jumped into discussing the grant opportunity. We distributed a 1 page fact sheet and the survey. They will both be posted on the radio station website and the survey collected via survey monkey by the station manager.

Many questions were asked and answered about eligibility of certain already partially funded shovel ready projects, how much could realistically be awarded, how the grant would be administered and awarded. They discussed the levee, biomass, utilidor, water system, power plant and utility complex, school projects, more elevation projects, childcare center, etc. The school district, city and tribe were all represented. The Galena Recovery Advisory Committee will reconvene to provide us a list of prioritized projects in a two week time frame. The community is excited about this opportunity to compete for funding.

Additionally, we had a meeting to discuss this in more detail at 3 pm today. We have follow up meetings with the City Manager Shanda Huntington and project manager Nick Ruby tomorrow morning.

Terrific, engaged meeting with lots of questions and project ideas.

Ann

Sent from my GCI smartphone.

Torres, Michelle G (MVA)

From: Gravier, Ann Y (MVA)
Sent: Wednesday, August 26, 2015 2:57 PM
To: Andrea Meeks; Avey, Adrian M (MVA); Bower, Trisha M (DEC); Cox, Sally A (CED); Gravier, Ann Y (MVA); Jennifer LeMay; Mark Romick, AHFC; Patrick LeMay; Torres, Michelle G (MVA)
Subject: CDBG-NDR teleconference with City of Galena Mayor and Louden Tribal Council

Team

For the record, I just had a teleconference (stakeholder engagement) re interest in developing a project for CDBG-NDR submission. On the teleconference were Mayor Jon Korta, tribal Chief Jenny Pelkola and Tribal clerk Susie Sam.

Both entities believe the community would be very interested in developing this opportunity. They will solicit their entities for a community meeting date within the next 2 weeks, with earlier being preferable. As previously mentioned, I will brief tonight's City Council meeting on the grant opportunity.

Ann

Ann Y. Gravier
State Hazard Mitigation Officer
Department of Military and Veterans Affairs (DMVA)
Division of Homeland Security and Emergency Management (DHS&EM)
P.O Box 5750
Fort Richardson, AK 99505-5750
907-428-7045

Emmonak Consultation

Public Notice

Public Meeting for National disaster Resiliency Competition

1. What happen in the spring flood of June 05, 2013?
2. What is your capacity to help recover quickly from difficulties; toughness?

Meeting Facilitator:

Michelle Torres – Division of Homeland Security

Jeff Stanley – CRW Engineering Group

September 2, 2015

Emmonak City Complex at 7:00 pm

There will be Door Prizes

8 prizes of 25 gallon stove Oil or Gasoline

Must be Present to win.

Note: Please read on the next page.

Testimony of Martin B. Moore Sr.
City Manager, City of Emmonak
September 2, 2015

To the application team of National Disaster Resilience Competition (NDRC) Division of Homeland Security and Emergency Management.

Facilitators Michelle Torres-Division of Homeland Security and Emergency Management and Jeff Stanley-CRW Engineering Group.

Thank you for your public services and the ability to help many of our rural communities, thank you for the opportunity to speak on resiliency and matters pertaining to June 5, 2013 flood events, first I want to speak why the sub regional port is important for the coastal people and Yukon river regions people and secondly I want to express the areas of concern towards the end of my testimony regarding the damaged infrastructure of June 5, 2013 and the fact that the City Council had continued planning and expenses incurred.

My name is Martin B. Moore Sr., City Manager of the City of Emmonak. Emmonak is the largest community at the mouth of the Yukon River in western Alaska. The Yukon River is the third longest river in North America now deserves alerted attention in the application process for resiliency.

Fifty-five years after statehood, the Lower Yukon River Delta is in need of port infrastructure. Nearly 5,000 residents reside on the Delta. Including up-river and nearby coastal communities of the Wade Hampton Census District, the total regional population is closer to 9,500 with 703 commercial entry permit holders. Construction of a

modern port facility in Emmonak will significantly alleviate the tremendously high cost of living in the region. Currently, the nearest port facilities are Bethel and Nome, each greater than 100 miles from the Yukon Delta region.

Mr. Chairman, allow me to enter the following points into the record:

1. The Lower Yukon River Port Project is fully engineered, designed and permitted. The engineering design was completed by Michael Foster Engineering, Eagle River, Alaska.
2. In 2012, the Alaska State Legislature and Governor Parnell approved \$3 million toward this project.
3. The total project is estimated to cost \$17.2 million. The City of Emmonak has submitted a CAPSIS request through Senator Hoffman and Representative Guttenberg for \$10 million.
4. The City has been appropriated \$3 million through a general obligation bond and the amount remaining to be funded is \$14.2 million.
5. The project is a strategic state and regional priority. The benefits of this investment extend beyond the community of Emmonak and benefit the entire Yukon Delta region and all the business enterprises that service this region.
6. Numerous letters and expressions of support have been submitted by Bering Pacific Construction, Alaska Commercial Company, Brice Construction, Crowley Marine, Calista Corporation, Yukon Delta Fisheries Development Association, KwikPak Fisheries, Ruby Marine,

Vitus Marine, AK Village Electric Cooperative, Association of Village Council Presidents, neighboring communities and others.

7. The U.S. Army Corps of Engineers Alaska Barge Landing System Design Final Report dated January 2009 recognized the need for a barge loading facility in Emmonak ranking the project as a "priority site."

8. The Alaska Regional Port Study prepared by Northern Economics of the U.S. Army Corps of Engineers and the Alaska Department of Transportation concluded on page 9 of the report that "Investing in a barge dock in Emmonak is likely the best investment that could be made in the Yukon Delta."

9. The Department of Commerce & Economic Development has assisted through completion of an Economic Impact Report. Details of the report will be available once the report is published and copies will be distributed to each of your respective offices.

10. The Lower Yukon region continues to suffer from economic hardship. Secretary Blank, U.S. Department of Commerce, recently granted Governor Parnell's request for a fishery disaster due to the 2010-2012 Chinook run failures. Despite the severe restriction on the harvest of Chinook, our residents continue to fish for the more abundant chum salmon. Construction of the port infrastructure will assist our business community through more efficient, less costly operations allowing them to better compete in the marketplace.

We understand the budget conditions in Juneau are constrained; we respect that. Nevertheless, we urge your committee to consider this request as a regional request, benefiting more than one community,

more than one region. Consider this as a previously started project. And finally, consider the fact that we have completed design documents, we have our federal construction permit, this is a job ready project and the total cost is known. This is not an unknown megaproject.

And finally there are many communities in the Coastal area and into the Yukon River up-stream by more than 2000 miles of needy people deserving a port that could provide a better service to reduce the cost of energy.

Connect the Yukon and Kuskokwim rivers to Donlin creek mine and a structure of steam boat stern wheeler tourist industry carrying people and freight, these are just simplified momentum of economic development and industries related to communities that maybe of rational and of structural impetus.

The Spring Flood June 05, 2013 affected a lot of people in Emmonak, therefore the State and Federal Government wants to meet with people and their elected officials.

1. Emmonak Roads: \$3.2 million (Recommend)

The sub regional road to airport, frontage road and AVCP road were damaged to unusable condition recommend rebuild the roads to be protected from future floods.

2. Emmonak Airport: \$60 million (Recommend)

Request division of Homeland Security support Jet airport funding from FAA

The Emmonak airport was closed June 05, 2013 flood, the flood had completely damaged the sub regional airport road and Emmonak airport taxi way.

Air transportation for people traffic was closed, no mail was being delivered, No freight and no more food items were delivered by air.

We recommend to extend the airport to 6,000 feet-200 feet wide prone to flood damage in future, the restructure of the old airport would bring cost of fright down, bring the cost groceries down – open new market for Yukon River Salmon to anywhere in the world market with a jet air freighter.

3. Flood Protection Pad: \$7,805,300.00 (Recommend)

Millions of dollars' worth of damages were accounted for June 05, 2013 spring flood. About \$500,000.00 worth of equipment, vehicles, Honda, snow machines were damaged.

The protection Pad 9 Square mile area should be constructed 6 feet high, the land was made available by the City council, and location is near the City shop.

The pad will allow all vehicles, Hondas snow machines to be protected from future floods. Protection pad is already permitted, and cleared portion of the pad is free of tree line brush.

4. Port of Emmonak and Dock Facilities: \$17.2 million future cost estimate

At the beginning of the project the City received monies appropriated from State of Alaska in the amount of \$516,000.00 paid to Michael L. Foster L. Associates for engineering and design work; in addition \$3 million was appropriated by State through general obligation bond.

Port of Emmonak was appropriated \$3 million general obligation bond funding was assigned to the low bidder, Ridge Contracting to start mobilizing all rock material to Emmonak. The remaining amount of funding needed to complete Emmonak port is \$14.2 Million to which we recommend that national disaster resiliency competition consider the funding.

Scoring in the resiliency competitive application is essential, but the fact and reality of Emmonak is that it has submitted a hazard mitigation plan and continued planning and incurred expenses to carry forwards the resiliency effectuation.

Thank you.

Enclosed please find pictured documents.

City of Emmonak

Regional Port and Dock Facility

“Where Trade Begins on the Yukon”



Supporters:



Galista Corporation

City of Emmonak
P.O. Box 9
Emmonak, AK 99581

Contact: Martin B. Moore
City Manager
emcity@gmail.com
Fax: 907-919-1926

907-919-1227 or 907-919-1219

March 1, 2013

City of Emmonak

Flood Disaster

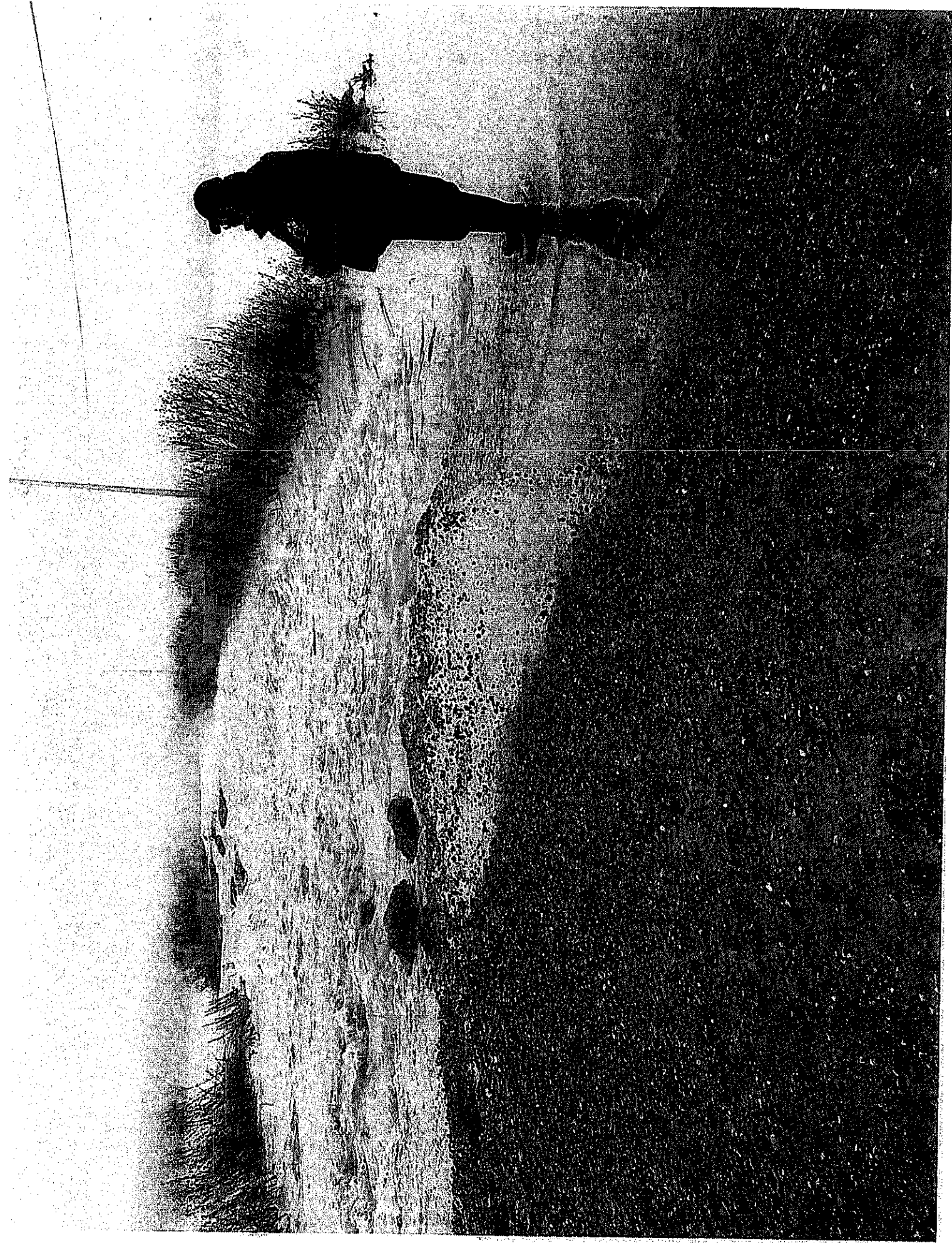
June 05, 2013

State of Alaska

Sub regional Clinic

Airport road in need

of immediate repair

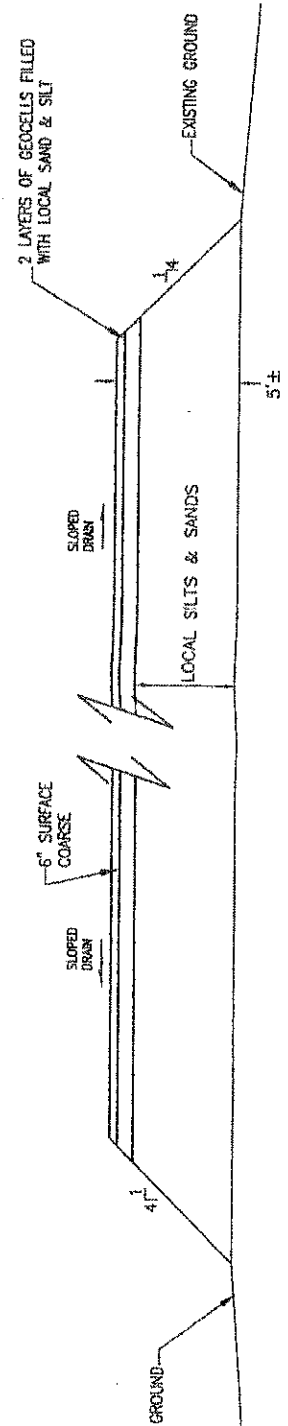
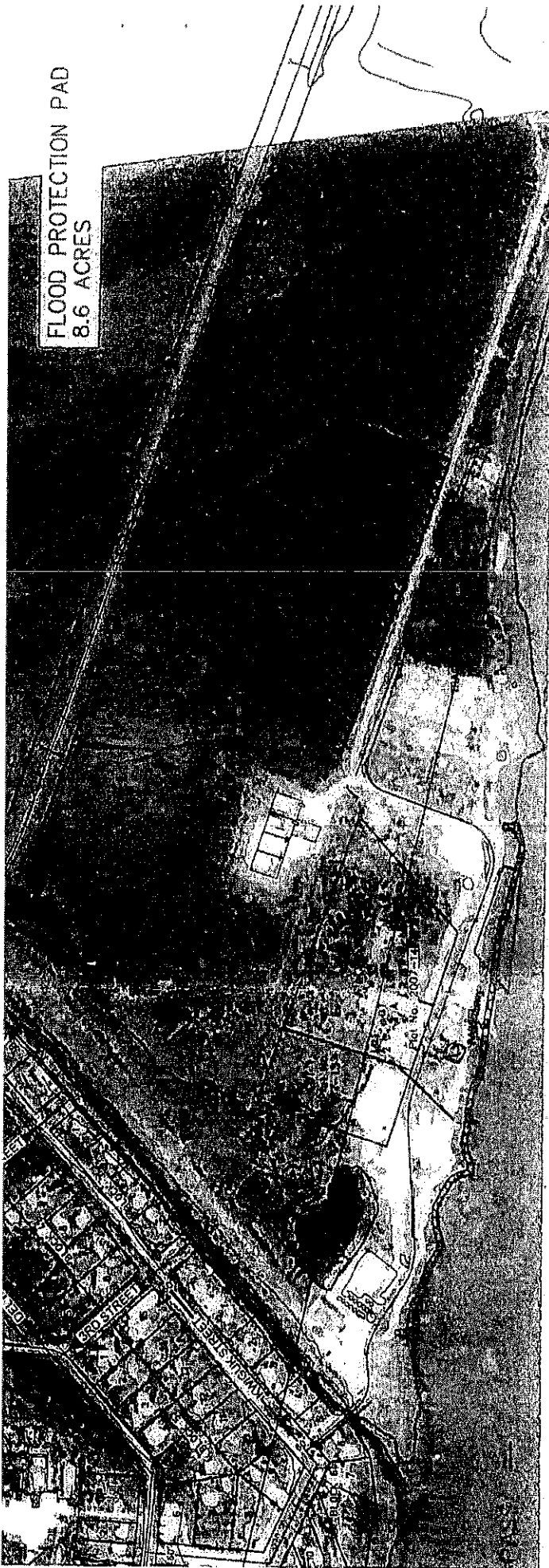








FLOOD PROTECTION PAD
8.6 ACRES



NOTES:

1. PAD SURFACE WILL BE 2-FT ABOVE 100 YEARS FLOOD AS DETERMINED BY ARMY CORPS OF ENGINEERS'S FLOOD HAZARD DATA EMANONWA.
2. THE 100 YEARS FLOOD ELEVATION EQUALS ELEVATION 11.5 ON THIS MAP.

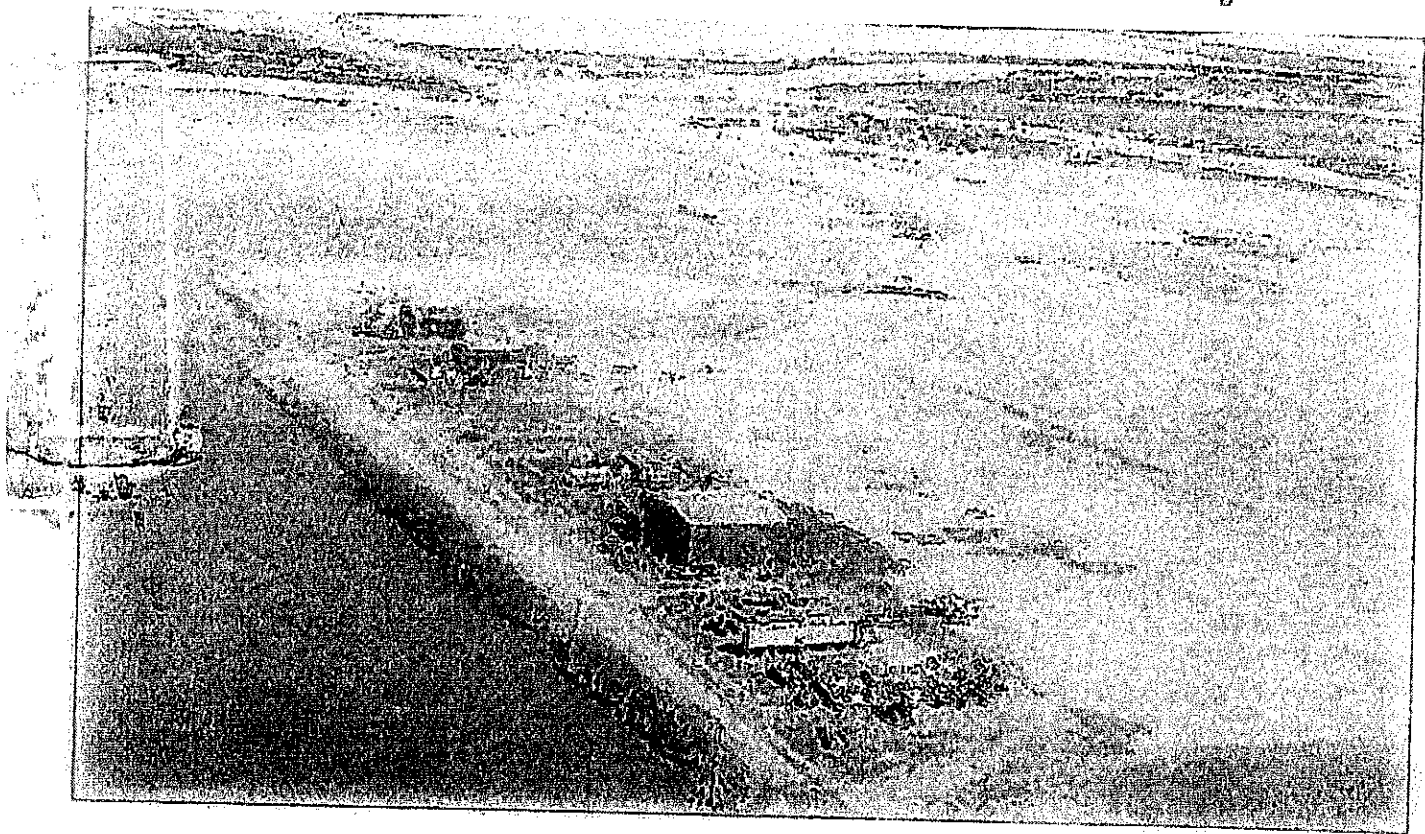
1 TYPICAL SECTION PAD
C1.0
NTS

From: Thom Leonard
Sent: Thursday, June 06, 2013 8:06 AM
To: Christine Klein; Andrew Guy; Marcia Davis; Sharon Weddleton; June McAtee; Otis Armstrong; Alcantra, Rosetta
Cc: Frieda Seebold; Rosalie Kairaluak; Daisy May Barrera
Subject: Update: Emmo airport taxiway damaged

www.bethelsar.org

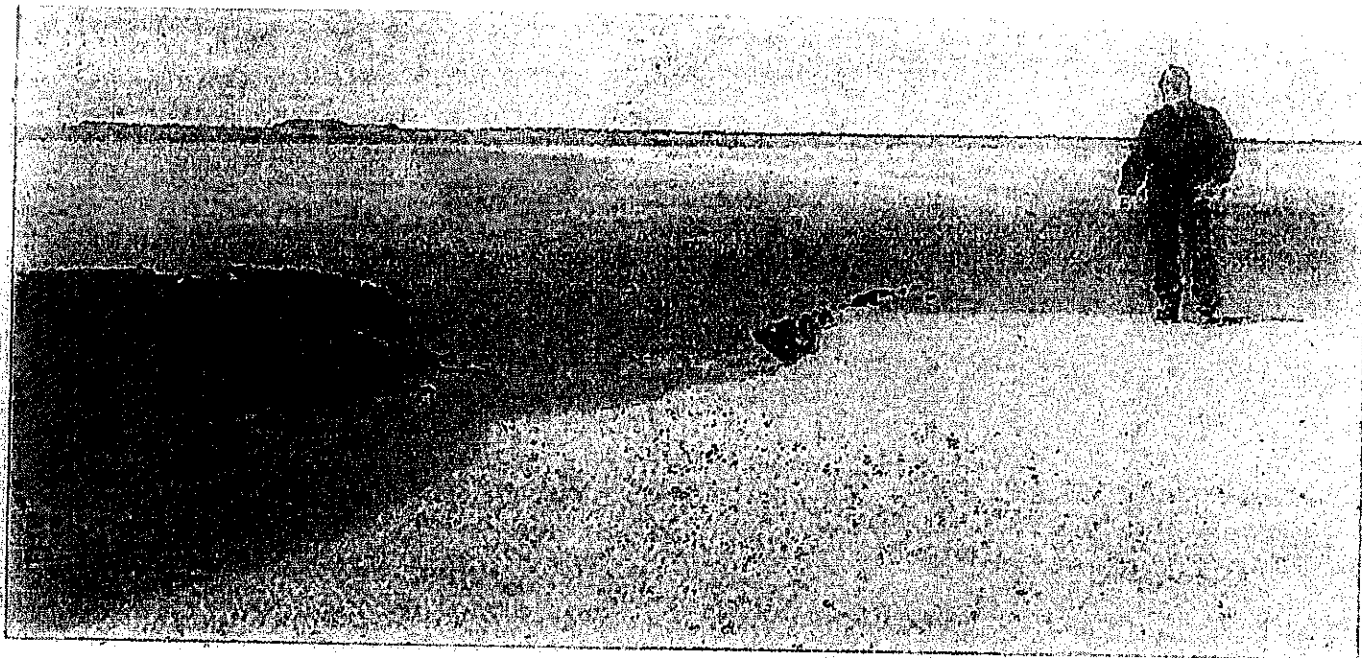
Alakanuk waters receding but Emmo still having problems.

Flood tears path through Emmonak taxi-way



Water, higher on the south side of the taxiway, pours onto the north side. Photo by Earl Samuelson.

June 6, 2013 - Flood waters have ripped a portion of the Emmonak airport's taxi-way, blocking airplanes from the ramp or apron where items important to the community are offloaded.



DPS Pilot Earl Samuelson on the runway side of the rip. Photo by Alvin Brown.

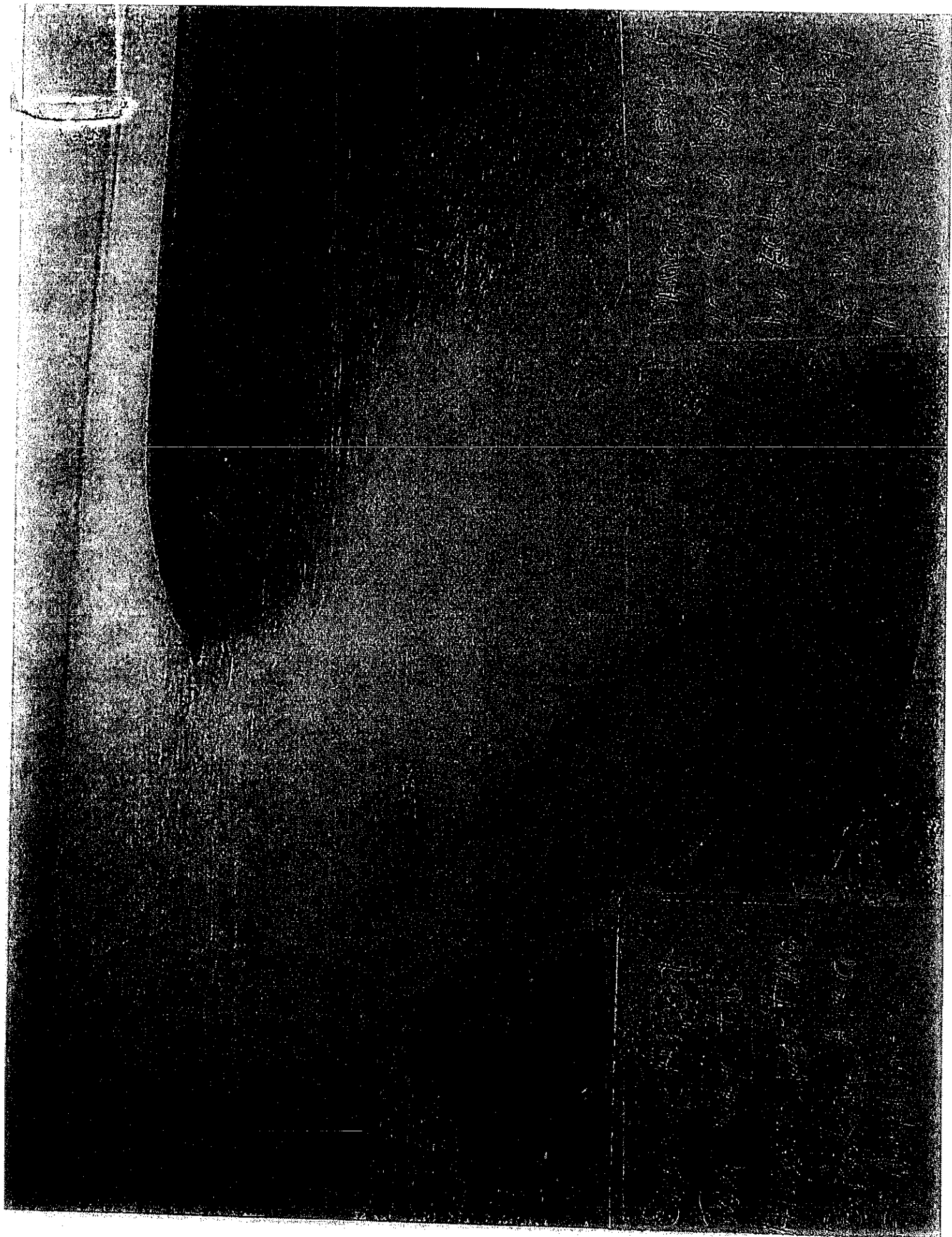
A 15-to-20 foot wide stream of fast moving water was pouring through the chasm, which appeared to be increasing in width as the taxi-way eroded.



An unidentified person inspects the ramp side of the rip. Photo by Earl Samuelson.

The damaged taxiway could prevent mail, medical supplies and groceries from being flown into the community. Therefore, emergency services from Kenai were alerted regarding the situation, as well as the Alaska State Troopers and AVCP in Bethel.

The taxi-way needs to be repaired as soon as possible when the floodwaters recede enough for work to begin.





UNITED STATES DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

510 L STREET, SUITE 444
ANCHORAGE, AK 99501

Telephone: (907)271-2272/1352
Facsimile: (907) 271-2273/2274

January 2, 2008

Mr. Dave Sanches
Northern Region, Planning
Department of Transportation & Public Facilities
2301 Peger Road
Fairbanks, AK 99709

 COPY

Dear Mr. Sanches:

Thank you for the opportunity to discuss the potential Emmonak runway extension. I know that the City of Emmonak is preparing a request to us for funding to extend the runway to some 6,000 feet to provide access to jet service. As DC-6 service is coming to an end due to their expiration of useful service, practical hauling of larger volumes or weights, such as with processed fish, will be dependent upon jet service.

Realizing that the Wade Hampton area is severely economically distressed and that fishing, where available, is the "only game in town," we have been talking with City Manager Martin Moore and the staff of the Yukon Delta Fisheries Development Association ("Yukon Delta," a Community Development Quota Organization) about trying to aid them in strengthening their fisheries development efforts. Yukon Delta has its principal offices in Emmonak, together with Alaska Fish and Game and Canadian escapement interests. The Lower Yukon is a major fisheries area.

Yukon Delta anticipates sending out considerably more fresh processed chum salmon through expanded facilities, and this is extremely important to the fishers of the Lower Yukon. There are over 700 current permits for salmon, and over 500 are currently fished. With two persons per boat, the "job" importance is obvious. Additionally, processing and transportation jobs would increase the proposal's competitive status with the Economic Development Administration (EDA).

Higher value and higher quality seem to be the keys to meeting market demand. As I understand it, the chum runs have been underutilized as a result of not having suitable transportation to move fresh quality product to market from the Emmonak hub. The salmon runs have been substantial in recent years, and millions of dollars have flowed into the region, even under those conditions. Over the period of 1977-1999, some \$158,800,000 came to the fishermen and their families in the lower Yukon.

The runs have returned strongly since the fisheries failures of 1998. Chinook, Coho and Chum are returning to the Yukon in large numbers, and the latter two species especially are being underutilized. Total salmon runs can exceed five million fish per year. The

Page two, January 3, 2006 Letter, Richert to Sanches.

expansion of Chum and Coho processed products will depend upon reliable and efficient transportation to retain the quality and value of those products.

We understand that Yukon Delta is going to be expanding their operation significantly, reflecting increased private sector investment. A variety of entrepreneurial opportunities should be enhanced, together with the advantages for freight and perhaps expanded passenger utilization of the airport. Limited tourism including birding and other activities appear feasible. The City used to be much more of a "hub" than it currently appears to be, and I would anticipate that the hub status should again return with this improved infrastructure.

EDA is considering \$2 million, with the possibility of up to \$3 million investment in the project, subject to whether the other parts of the project are available and the timing can be pushed up to accomplish timely construction and operations. We understand that Yukon Delta expects to provide a portion of the non-federal match, as well as the Corporation's considering provision of necessary expanded acreage for the runway.

I look forward to further dialogue with you in the near future. Our timing is short, and we are looking at this year's funding. As far as the actual project (perhaps between five and six million dollars?), because of the high level of distress in the region, up to 80% of the total project cost could come from federal funds, based upon EDA requirements. EDA funding is limited, however, and two to three million dollars would be a large investment for the Agency.

I have attached a letter from Northern Air Cargo to this transmission to indicate their support. Concerning the issue of gravel runways, we understand that at least one of the jets which Northern Air Cargo will employ will be suited to gravel runways. By way of reference, we understand that some years ago the hard-surfaced runway at St. Mary's had to be ripped out because of frost heaves and replaced with a gravel surface.

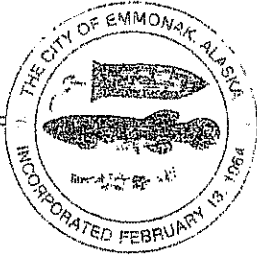
It seems to us that an expeditious extension of the Emmonak runway is a win-win for everyone. Thank you for your consideration.

Best regards,

/ s /

Bernhard Richert, Director
Alaska Field Office and
Economic Development Representative

Attachment.



City of Emmonak

P.O. Box 9, Emmonak, Alaska 99581
(907) 949-1227 • (907) 949-1249 • Fax (907) 949-1926
email: emkcity@unicom-alaska.com

February 1, 2008

Mr. Dave Sanches, Northern Region Planning
2301 Peger Road
Fairbanks, AK 99709

John F. Moses, Land Planner
City of Emmonak
P.O. Box 9
Emmonak, AK 99581

RE: Proposed Extension Emmonak runway 6000 ft. paved runway

I am writing with regards to the proposed airport extension that is being proposed for the Native Village of Emmonak, Alaska.

The Native Village of Emmonak respectfully request your support and assistance in securing supplement funding in the amount of eight-million dollars (\$8,000,000.00) to extend the Emmonak jet airport to 6,000 feet, and with new terminal facilities, Water & Sewer and Fire Fighting equipment.

These necessary funding would be matched grant funds, from the U.S. Department of Commerce Economic Development Administration, who is considering \$2 million to \$3 million investment to the proposed airport runway extension.

The City Council Members through numerous meetings dealing with subjects such as; airport extension, new city dock facilities, and YDFDA value-added based shore plant, new road's partnership with Emmonak Tribal Council and working with Emmonak Corporation to finalize the ANCSA Section 14 (C) (3) process, Kwipak fisheries, LLC, working on Fisheries and providing employment for many young adults from other villages.

The joint meetings of all entities and their respected Board of Director's of the above have work together to resolve the problem such as; the proposed new extension of the runway airport to 6,000 feet. The entities of the City Council Members, Emmonak Tribal Council, Yukon Delta Fisheries Development Association, Emmonak Corporation have communicated on issues and come to an agreement on how to best resolve community needs for the future endeavor, or the Native Village of Emmonak and its residents for a safe and healthy community.

The enclosures attached to this letter, is a series of documents including Resolution #07-08 a correspondence from Bruce McGlasson, President of Grant Aviation, William Fowler, President & CEO of Northern Air Cargo and Bernhard Richert, Director Alaska Field Office & Economic Development Representative. The above resolution and correspondence that support and further documents our problems and the need for assistance.

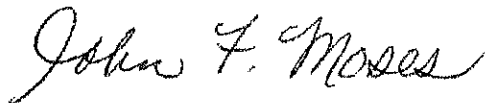
The Native Village of Emmonak, request for your support and assistance in expedite supplement funds, with the help of the bush caucus, to secure funding for the proposed extension Emmonak runway 6,000 feet.

Thank you for your consideration and cooperation in the endeavor's for future funding for Native Village of Emmonak, Alaska.

Should you have any questions, please give us a call at the office above.

With every best wishes and kindest personal regard, I remain.

Sincerely,



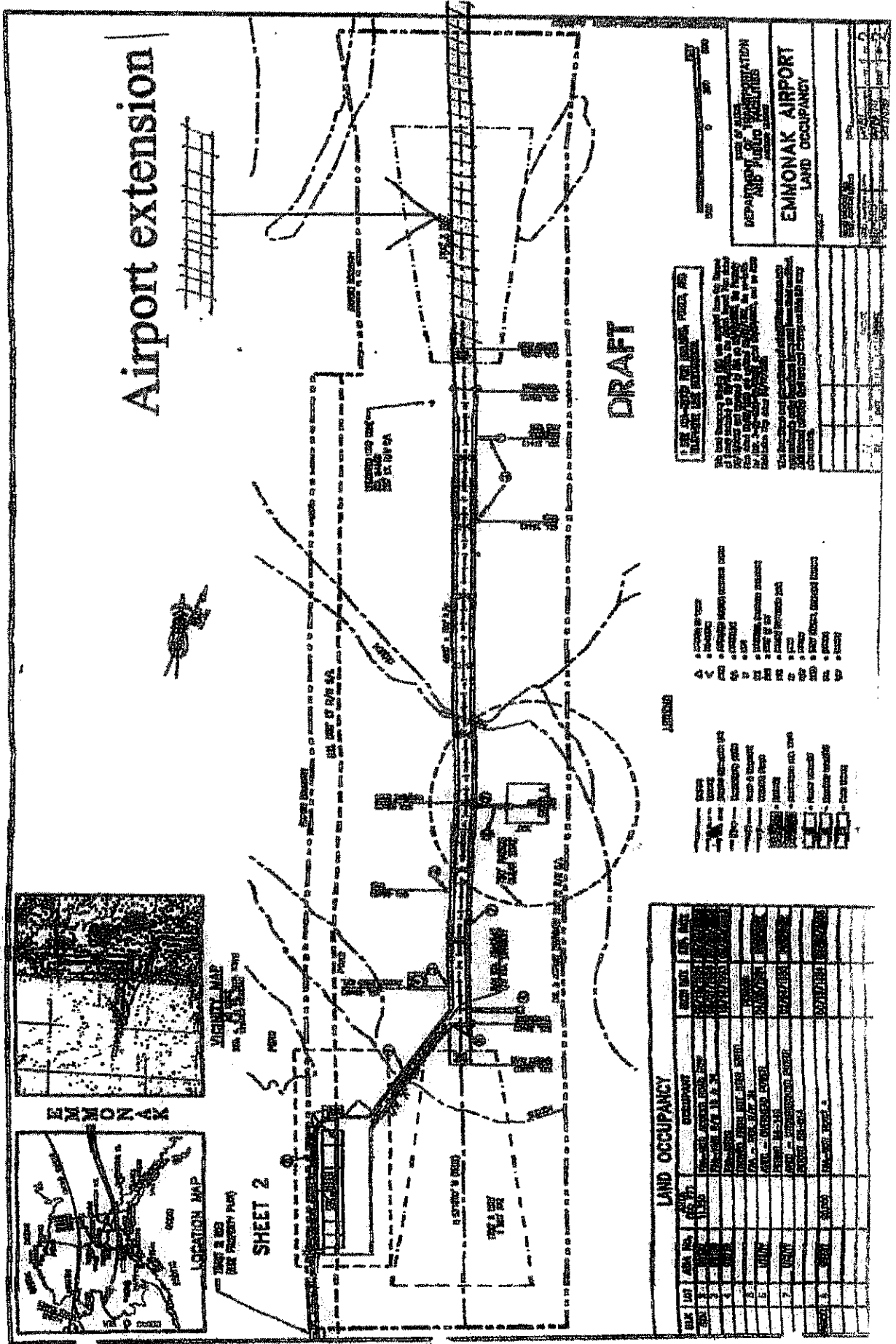
John F. Moses, Land Planner

Cc: City Council Members

Dave Sanches DOT/PF

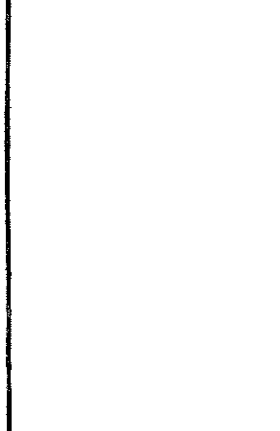
Clyde Aketachunak Jr. IRR Tribal Transportation Planner

Proposed Extension Emmonak runway 6000 ft. paved runway



NO.	DATE	BY	DESCRIPTION	REVISION
1	10/1/54	J. W. H.	PRELIMINARY PLAN	
2	10/1/54	J. W. H.	FINAL PLAN	
3	10/1/54	J. W. H.	REVISION	
4	10/1/54	J. W. H.	REVISION	
5	10/1/54	J. W. H.	REVISION	
6	10/1/54	J. W. H.	REVISION	
7	10/1/54	J. W. H.	REVISION	
8	10/1/54	J. W. H.	REVISION	
9	10/1/54	J. W. H.	REVISION	
10	10/1/54	J. W. H.	REVISION	

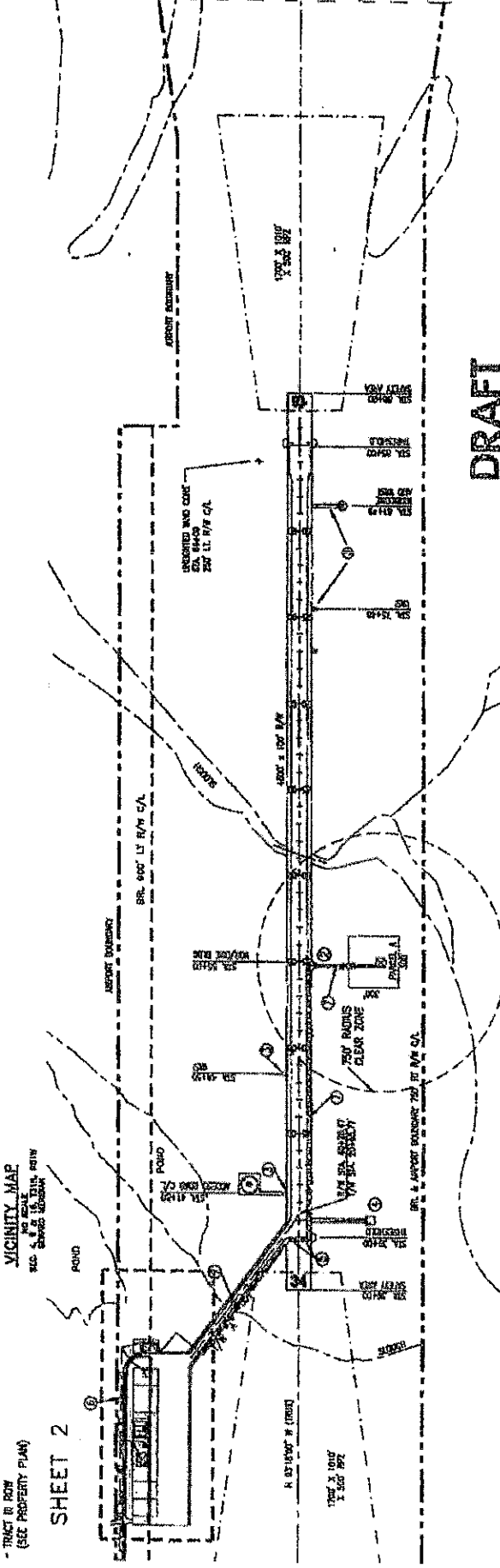
- LEGEND**
- Runway
 - Taxiway
 - Apron
 - Grass
 - Water
 - Buildings
 - Power Lines
 - Roads
 - Fences
 - Streams
 - Contours
 - Spot Elevation
 - Proposed Runway
 - Proposed Taxiway
 - Proposed Apron
 - Proposed Grass
 - Proposed Water
 - Proposed Buildings
 - Proposed Power Lines
 - Proposed Roads
 - Proposed Fences
 - Proposed Streams
 - Proposed Contours
 - Proposed Spot Elevation



LOCATION MAP
TRACT IN ROW
(SEE PROPERTY PLAN)



VICINITY MAP
AS SHOWN
SECTION 16, T1N, R10E



DRAFT

1. SEE CIVIL SETS FOR BUILDING, POWER, AND TELEPHONE LINE DESCRIPTION.

The Land Boundary Lines (LTL) are recorded from the Record of Survey (ROS) of 05/11/1984, the Airport Layout Plan (ALP) of 01/12/1983 and approved by FAA on 03/13/1983, the Property Plan of 07/17/85 and revised 07/27/1985, the contract for ALP, 1-85-001-20/1000, dated 07/17/1985, and an amended Disposition Map dated 04/17/1986.

This business and operations of all utilities shown are approximate only. Measurements have not been field verified. All utility utilities not shown are the responsibility of the owner.

LEGEND

▲	CONCRETE IN TRENCH
△	12-20045
○	APPROXIMATE BOUNDARY
□	CONTRACT
○	1-17
○	TELEPHONE, CABLE, POWER, FIBER
○	ROCK OF 10'
○	PROPERTY BOUNDARY
○	1-1983
○	1-1984
○	1-1985
○	1-1986
○	1-1987

LAND OCCUPANCY

ADA NO.	AREA (SQ FT)	OCCUPANT	BEGAN DATE	EXP. DATE
05737	11,200	FAA-NOR ACCESS ROAD ROW	09/13/1984	09/29/2006
05183		FAA-NOR EAV 1A, B, C, D	09/13/1984	09/29/2006
05775		FAA-NOR	02/14/1983	09/29/2013
		(LOANED FROM SITE 1508/1984)		
UTILITY		FAA - 10' EAV 2A		
UTILITY		FAA - 10' EAV 2B		
		PERNOR 1A-1B	04/05/1984	INDEFINITE
		PERNOR 1A-1B	02/24/1985	INDEFINITE
		PERNOR 1A-1B		
05737	80,000	FAA-NOR TRACT	09/13/1984	09/29/2006

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
AIRPORT LAYOUT PLAN

**EMMONAK AIRPORT
LAND OCCUPANCY**

DATE: 05/11/1984
BY: [Signature]
CHECKED: [Signature]
SCALE: 1"=300'

9/2/2015

Public Mtg @ City office

Start 7pm

Executive Director from YDEA - Rogner Alstrom
Peter Moore

Eriksen Andrews - Power Point Presentation

(Eriksen to email Michelle electronic copy)

Flood duration (3 days)

2013 - No air flights for 2 weeks (runway washed out)

Safe dry storage for vehicles & equipment

• Port Design by MLFA 2012 \$516,000 design fee
\$17M \Rightarrow \$3M currently funded \Rightarrow Need \$14.2M

• Emmonak Road \$3.2 million (City to Airport)

• Emmonak Airport \$6M (60M? or 16M?)

- expand to 6000 ft x 200 ft wide w/ flood protection

• Elevated ~~Construction~~ Protection Pad for Equipment and vehicle storage

Need to get a copy of Martins testimony
~ 37 people 7-15
Port Project
Copy of Airport Design
Copy of Airport Tel estimate
Copy of Airport Est estimate

Martins testimony
- total copy provided

C = Community question / input
M = Michelle's response / discussion

Michelle

- Purpose for visit
- Short window of application period 2 weeks
- Projects must be linked to pass damage
 - Rd damage
 - Airport damage
- C - Repair damaged houses
 - NFIP Community - no insurance \Rightarrow ineligible
- C - Childcare center ~~some~~ moms can work?
 -
- C - Learning center / job training / driver's license renewal
- C - Expand erosion control along the river bank
 - Raise dike / river banks and install one way culverts (water out of community / not in to the community)
- C - What other communities in State are being considered - Michelle identified - - - maybe K&K
 - Application due Oct 1st Decision 1/2016

- C - Emmonak Regional Hub for
 - Transportation, Medical, Commerce
- M - Social, Culture, Subsistence issues are important
- C - Fisheries are struggling - Need to diversify
- C - Existing Post Office is small - Can we get a bigger one since we are a hub. It's very small - Stacks of boxes make it dangerous
- C - Nunamiqua - Short on health aids and law enforcement
- C - Job training / local hire / Bering Pacific STG, YDFA We have workers but they bring in outsiders anyways
- C - Resilience - Native Communities can teach others (Lower 48)
- C - Culture / Practices have changed since the King fishery collapse - No one has \$ even for Subsistence activities
- C - Port project will also help with bank erosion. Airport also needs to be raised
 - Global warming is going to lead to bigger & higher floods

* Call Bering Pacific
- crew size and # of locals

~~M~~ C - Build a regional elders facilities

M - In other places elders have left the facilities as they don't want to live away from their families

Martin's - Interpretation of meeting discussions

C - Mayor's Summary

- Another project previously discussed - Port @
Marshall

- LNG - Delivery hub

- Oil & gas development

~~M~~ - Thank you very much for coming here to help us

C - Airport needs to be better protected from erosion. The existing little rocks just wash away. Need bigger rocks

- Need more bigger rocks along the shore line upstream of the proposed barge area

8:15 pm

C - Economic Development / Diversity is important
It can't just be fishing

C - Work force Development

- We have mechanics
- We have truck driver
- Need to collaborate and work together

Project must tie back to road damage

C - Dock project is required to bring in gravel & supplies to make repairs (tie-back) We must have an elevated Staging / Storage area to protect the heavy equipment

C - Port would enable LNG to be delivered to the Community and then distributed to other local communities

- A canal to connect the Yukon and Kuskokwim rivers would also help improve / reduce transportation cost

C - Port dock, elevated pad

C - Port project will help to protect YDFAs investment. The fish processing facility is the economic engine of Community

C - Terms of Construction must be to use local labor

C - Water intake needs to be improved
So it doesn't keep getting damaged
- Port development will require more water
- Maybe another water storage tank

M - Personal letters/stories about culture are requested

C - Education is important also for local hire

C - Economic development @ Emmonak provides benefits to region - Kwikpak Youth Employment Program

C - Energy Project to help with high energy costs

C - AVCP Housing Area 22 houses with very poor roads around it and poorly constructed boardwalk

C - Road to the airport needs to be made of hard/not soft rock and must be protected from erosion

M - Reconstruct road to a different standard so its more durable (new innovative approach)

C - Old rotten houses - They ^(from previous flood damage) must be replaced

M - They need to get Flood Insurance or housing is a no go

C - Make road so they are not dusty

C - Evacuation Shelter for the Community

M - Not allowed by this grant - NO emergency protection measures.

C - Team approach for the Alaska Communities
How will the needs/wants be sorted out

M - Explain proposed projects will be coordinated to build the strongest application

C - What Can we do to improve our chances

M - Engagement

- Leveraging other projects (Ex: AVEC Louis Pant)
- Provide list of contacts for the other projects

C - Terminal Bldg @ the airport

C - Summary by the Mayor & Thank you

9:00 PM

Sept. 2nd

(1)

Public Participation List

Name	From:
C. C. C. No. 7	Emu
Jack H. H.	Emmonak
Myron Kelly	Emu Club
Marti Beckford	YRT
Gracelyn Johnson	YRT-Kotlik <small>came from another community</small>
D. D. Kelly	City Land Planner
Sharon Ooster	Emmonak
Col. H. H.	Emmonak
Ernestine Andrew	Emu
Regnar Alstrom	YDFDA <small>came from another community - Atakanuk</small>
Herman Hootch	City of Ark
James Bird	Emmonak
Jack Schulteis	Kwik Pak Fisheries
John Rose	Emmonak
Evelyn Lukidak	Emmonak Ak
Zora H. H.	Emmonak
Randy Auster	Emmonak
Bernice Redfox	Emu
Minnie Rapp	Emu
Fran Lepall	Emu
Oscar Lepall	" "

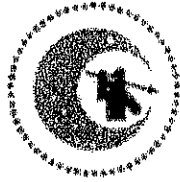


Public Participation List

Name

From:

DUS Hoover	EMMONAK
BRENDA HOOVER	EMMONAK
X BILLY CHARLES	EMMONAK
Winnie Apareyuk Jr.	EMMONAK
Winnie Apareyuk Sr.	EMMONAK
Andrew Smith	Emmonak
Doug Redfox	"
Austin Andrews	Emmonak
Maathie Kelly	Emmonak Tribal Council
Lydia Hatch	Emmonak side, 9/25/01
George Smith	Emmonak
MARTIN P. HORN	Emmonak
Allyt Welch	Emmo
Jeanette Keelen	EMK
Paula Westlake	Emmonak
Ann De	Emmo
James Hootch	Emmo
Toni Westlake	EMMONAK
Chene Hootch	EMMONAK
Kathy Arney	Emmo
Re Shurd	Emmonak



CALISTA CORPORATION
www.calistacorp.com

National Disaster Resilience Competition

September 2, 2015

Calista Corporation requests the State of Alaska to include the Emmonak port project that is permitted and "shovel ready" in its National Disaster Resiliency Competitive Grant Application.

\$3,516,000 Emmonak Port Funding Received to date:

2009 \$516,000 State grant for dock design

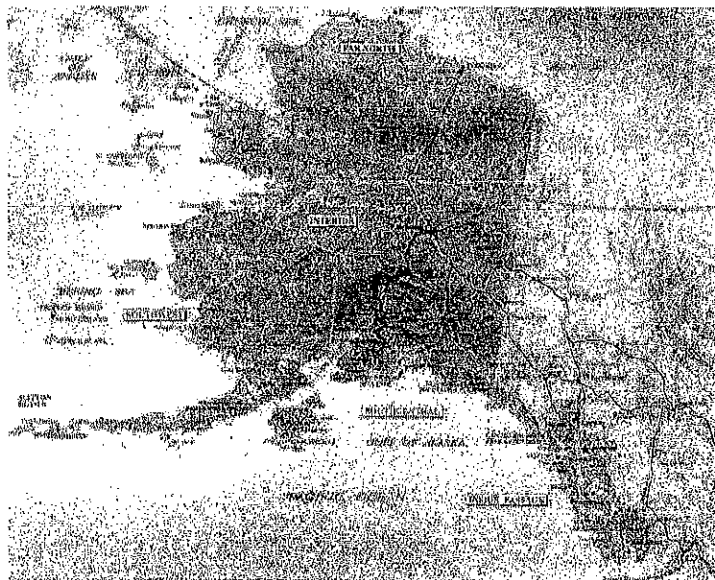
2011 US Army Corp of Engineers approved the dock design

2012 Emmonak Received a FY13 \$3 Million General Obligation Bond Legislative Appropriation

Background: In 2007, the Denali Commission (Commission) partnered with the US Army Corps of Engineers, Alaska District (USACE) to develop a Statewide Barge Landing Assessment to analyze barge mooring and fuel/freight transfer needs at Alaska's coastal and riverside communities.

Emmonak needs are identified: Provide a sheet pile dock with a downstream ramp. Provide improvements to expand the existing staging area in the adjacent uplands. Also provide 2 mooring points both at this site as well as at the downstream fuel landing for the Store.

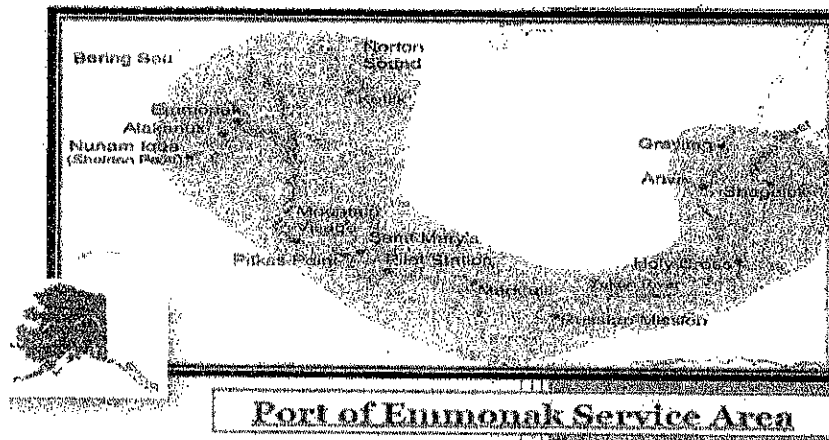
A Lower Yukon Port is needed because there is no port in the 700 miles between Bethel and Nome.





CALISTA CORPORATION
www.calistacorp.com

Proposed 650' Dock vs. Existing Barge Landing



The proposed dock at Emmonak will alleviate Overcrowding:

The current unimproved barge landing creates periods of significant overcrowding and barge backup.

Erosion and Flooding

Persistent riverbank erosion and flooding threatens existing physical infrastructure

Supporting Economic Diversity and Stability

Maritime industry growth and expansion in Emmonak may develop a more diverse economic base

The Ask: Include the Emmonak port in the National Disaster Resiliency Competitive Grant Application.

Attachments: Callista March 18, 2015 State House Resources Committee testimony & talking points
Lower Yukon River Regional Port Project: Situational Analysis and Potential Impacts Report
(State of Alaska Dept. Commerce & Community Economic Development March 2014).

KTUU Channel 2 News: [Emmonak Seeks first Yukon port](#)

Transportation & Energy Infrastructure Village Cluster Consolidated Services Plan

Alaska State Legislature
House Resources Committee

Presented by:

Monica James
Executive Vice President/Chief Operating Officer

and

George Owletuck, MA
Government Relations Liaison

March 18, 2015



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WWW.CALISTACORP.COM

Community Sustainability

1. Transportation Access

- Access In & Out
- Airports, ferries, railroad, ports, roads, trails
- Federal Land restrictions isolate our communities and resources today

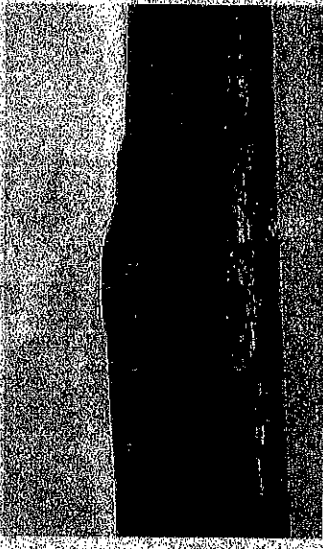
2. Affordable Energy

- Dependable Power
- Affordable Energy
- Diesel used for heat and electricity is largely imported
- Few Transmission Grids

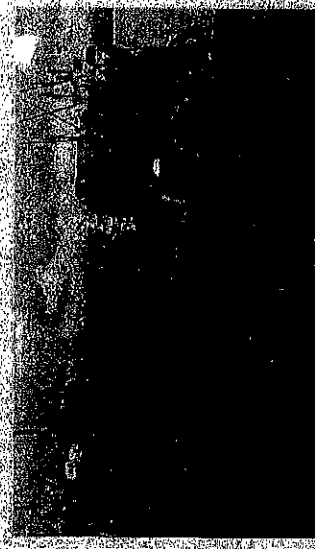
Economy

- Economy (jobs) means access to our God Given Resources:

- Minerals
- Oil and Gas
- Forests
- Mammals
- Fisheries
- People!



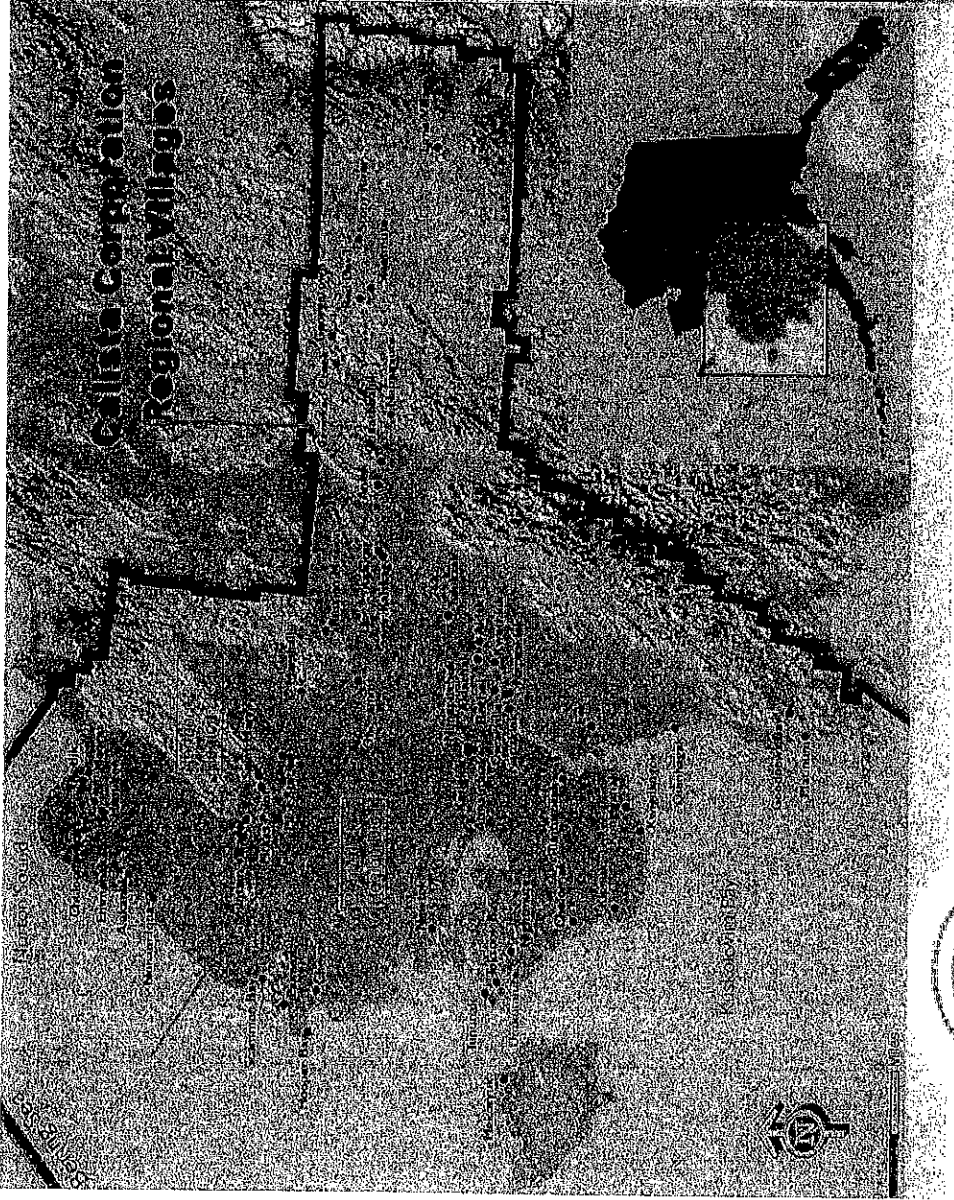
Bilchen Min. of Matishell, AK



Boise (locked) of Emmonok, AK



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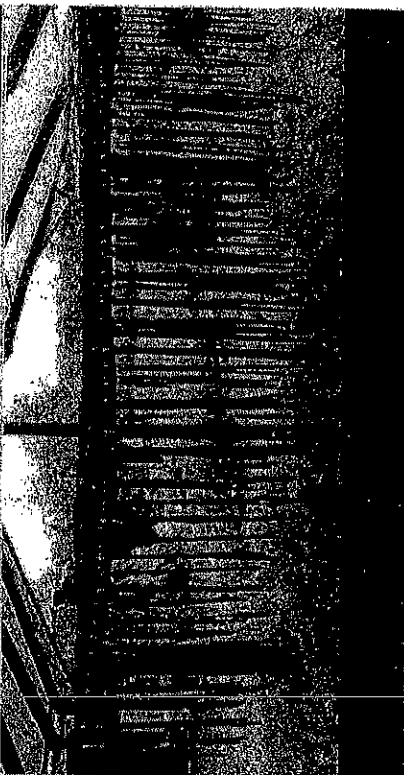
**Calista Corporation
Regional Villages**

57,000 sq. m. vs. 11,563,343 sq. m. #24 in US

Demographics	Calista Region	Alaska
Population	25,735	737,259
Median Income	45,933	70,760
High school education	78.1%	91.6%
Bachelor's+	8.6%	27.5%
Persons below poverty	27.1%	9.9%
Persons under 18 years	39.1%	25.6%
Unemployment Rate	17.6%	6.3%

January 2015	Y. K. Delta	On-Road	Statewide
Heating Fuel	\$6.38	\$3.41	\$5.10
Gasoline	\$6.90	\$3.42	\$5.80

2012 Firm's Game	Households	Est. Haves/1b's
Subsistence	85.1%	70.1%
BethelHub	954,525	20



CALISTA CORPORATION
www.calistacorp.com

Lower Yukon Region Port Needed

- No regional port in the 700 miles between Bethel & Nome.
- Intermodal Linkage: with Nenana and Fairbanks rail/highway networks.

"The Yukon & Kuskokwim villages are often perceived as grouped together, but are entirely separate. Maritime infrastructure in Bethel does not serve the lower Yukon."

Lower Yukon River Regional Port Project: Situational Analysis & Potential Impacts March 2017, DCCED

"Facilitate the Development of Arctic port systems in the Bering Strait region to support export, response & regional development."

Arctic Policy Commission Final Report: January 2015



CALISTA CORPORATION
www.calistacorp.com

Proposed 650' Dock vs. Existing Barge Landing



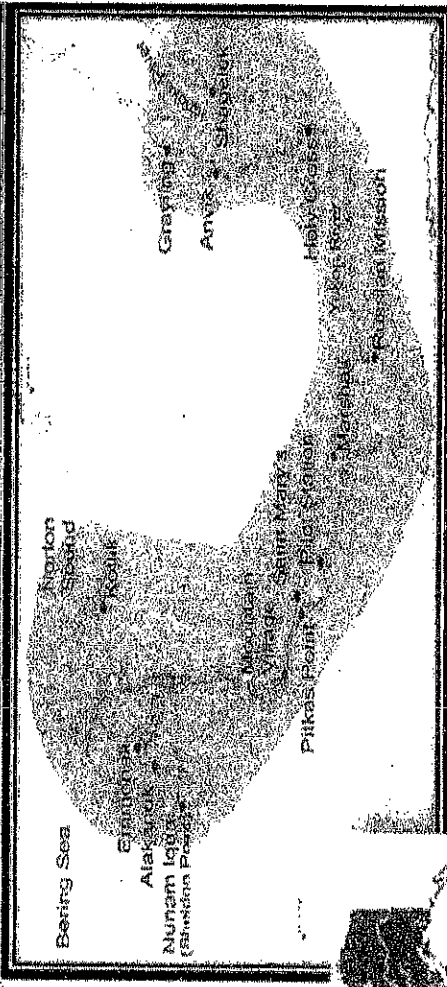
Overcrowding
Erosion & Flooding
Support Economic Diversity & Stability

\$170 Million Total Cost - permitted & shovel ready

2009 \$516,000 State Grant for port design
FY13 \$3 M GO Bond delivers rock by Oct 2015
from Nome, St. Mary's & Stebbins
Phase I Balance: \$7.5 Million



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Port of Emmonak Service Area

Yukon Delta Fisheries Dev. Assn. Kwik Pak Fisheries, Yukon Manne Manufacturing

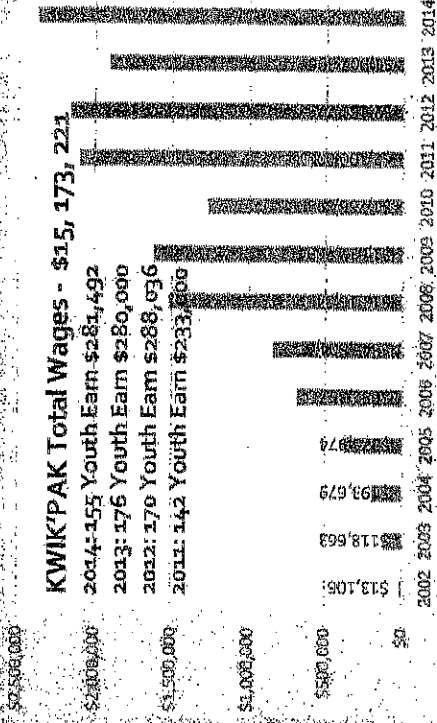
2013: 1.1 Million lbs salmon sold by 451 fishermen, valued at \$3,217,904



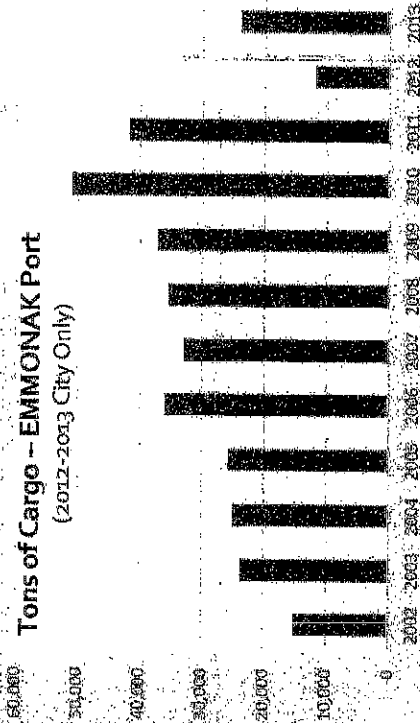
Skiff Manufacturing/Repair
23 Skiffs built since '99
2013 employees Earn \$298,465



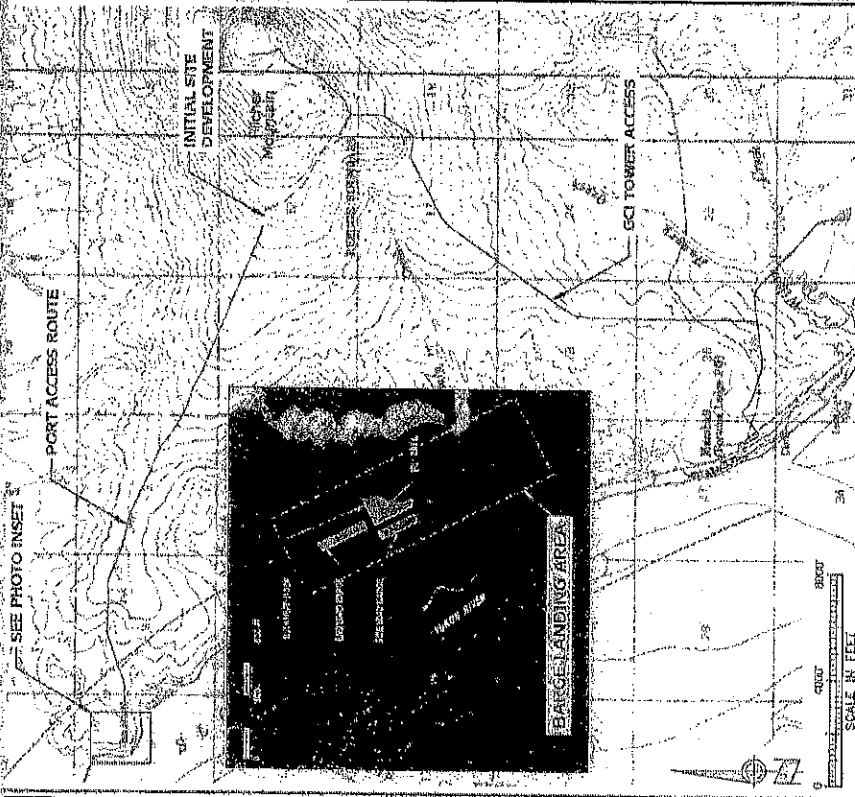
CALISTA CORPORATION
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Tons of Cargo - EMMONAK Port (2012-2013 City Only)



Marshall Dock & Quarry Road



"DOT is looking for material ...the rock... must be barged from Nome. Pilcher Mtn. is of great interest to us" Kevin Maxwell, DOT

St. Mary's / Mt. Village 15 Mile Road Rehabilitation. ~\$13,000,000 project
 Pilot Station Airport Relocation - new airport & a 3 mile access road
 \$10,000,000 - \$20,000,000 construction Fall 2015.

St. Mary's Airport Improvements - \$10,000,000-\$20,000,000. 2017 or 18.

Nunamliqua Runway Extension - with new access road \$2.5 M - \$5 M

Hooper Bay Airport Improvements - \$300 - \$400 M. April 2015

Kwigillingok Airport Improvements reconstruct/extend runway
 \$20,000,000 to \$35,000,000. Phase I anticipated in 2016 or 2017

Project Estimate: \$12.75 Million - Projected Savings: \$20-24 M
Engineering Design/Permits: \$1,339,416 Request

Source: DOT Northern/Central Region March 2015.

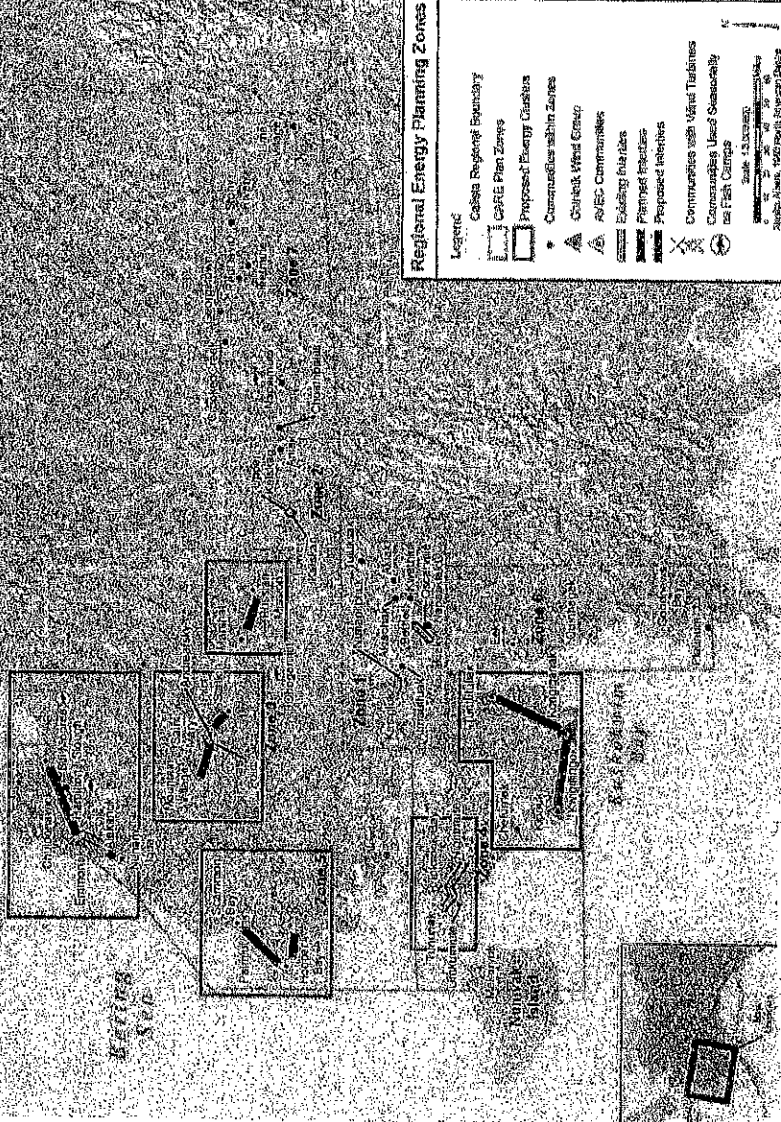
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Solution: Village Cluster Consolidated Services

High Cost of Energy Threatens Sustainability

AVEC Inc.	No-PCF	PCF	Anchorage	Alaska
CENTS/KWH	59.17	39.55	13.48	17.88



- 1. Access:** commit to link villages by road
- 2. Energy:** commit to transmission lines
- 3. Coordination of the shared public services, infrastructure, Maint. & Ops**
 - Power Plants
 - Schools-institute regional high schools
 - Airports
 - Sub-regional Clinics already implemented



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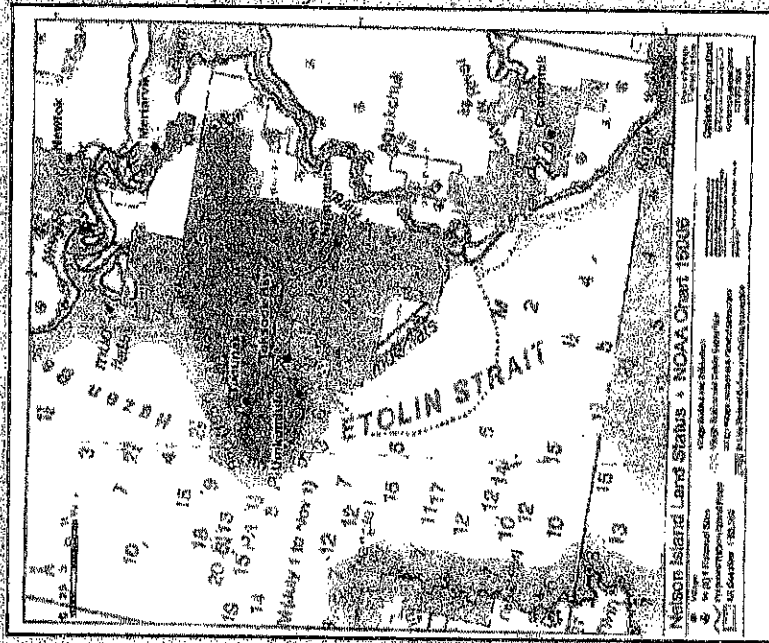
Village Cluster Consolidated Services

State Benefits:

- Reduce Duplication
- Economies of Scale
- Coordinated State Agency Master Plans
- Sharing of Resources
- Centralized, Better Schools
- Leverage Limited State Capital & Operating Funds

Local Benefits:

- Linked Communities
- More Reliable Power
- Cheaper Energy and Transportation Costs
- Higher Quality Services
- Improved Education for Rural Students
- Improved emergency services and resources



Tekook Bay Cluster Communities



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Guyana - Thank You!

www.facebook.com/CalistaCorp

www.CalistaCorp.com



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Hooper Bay Cluster Communities

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: higher waters, change in weather and nature.

2. Erosion and/or flooding is causing the following problems in our community:

banks are eroding and roads are affected, vehicles are ruined

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

port, airport, flood pad, erosion control, road improvement, job training center.

4. Any other ideas or suggestions regarding improvements in Emmonak:

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: _____

Continued erosion of river banks due to flooding, melting permafrost

2. Erosion and/or flooding is causing the following problems in our community: _____

~~Both~~ Road along river going to airport has been eroding steadily. It lacks flood. This is the main route for trucks & equipment to get to airport.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Port
New Runway
Road repairs
Erosion
Flood pad for equipment

4. Any other ideas or suggestions regarding improvements in Emmonak:

Housing
Local here: training for jobs
Energy
Emergency shelter for disasters

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: On the west side of the bank
it is eroding so much that the "family restaurant" home
is in danger of falling in. Something needs to be
done now! It may even reach the ESK women
shelter which is just next to the restaurant. The shelter does
services to other villages as well.

2. Erosion and/or flooding is causing the following problems in our community:

endangering buildings too close to the bank, or
lakes, such as the airport,

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

- Day Care Facility
- Culverts (some) need to be changed esp. ones
closed to the bank.
- to ship out all broken vehicles & appliances
that are by the city shop, & in any surrounding
villages.

4. Any other ideas or suggestions regarding improvements in Emmonak:

- very much needed dust control
- better water/sewer system & hv every
home installed w/ water/sewer.
- Better & bigger airport terminal. It needs to
be ~~at~~ elevated higher.

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Our fall and spring season is getting longer to get here. Even the month of October there still little areas where the ground is green, which is very strange.

2. Erosion and/or flooding is causing the following problems in our community:

Erosion protection needs to expand both ways east and west

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

We really need the port and wider, longer and higher length airport
We really need roads that are dust free because we have major dusty roads which is a big time health hazard

4. Any other ideas or suggestions regarding improvements in Emmonak:

Please look into our post office and see if we are able to get a bigger and more stable post office, since we are the hub. Our surrounding villages have bigger post offices. The way I look at it the little post office is a hazard.

Herman Hootch
City of Emmonak

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: High Water -
Bank Calapsing -

2. Erosion and/or flooding is causing the following problems in our community:

Erosion has been going
even ^{year} before 2005 flood
Erosion is more in tention

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Expanding the Airport
will fly fish out Quarter-
port expansion will
lower cost through energy

4. Any other ideas or suggestions regarding improvements in Emmonak:

roads between the
New Port and Airport expansion

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Mild winters, thinner ice,
unsafe for spring hunting, coastal area unpredictable
leads to dependence from
outside to good families (unhealthy)

2. Erosion and/or flooding is causing the following problems in our community:

roads erosion - (many low lying homes
access to health facilities and
airport -

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

(extended runway - port)
eco eco - cost bases
for future development and safe place

4. Any other ideas or suggestions regarding improvements in Emmonak:

Healthy families live off the land
residence - living off land in healthy
elder homes -

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: weather are changing
and having impact on River bank Eroding
Away

2. Erosion and/or flooding is causing the following problems in our community:

Erosion is the priority in Emmonak
Floods every year near the School

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Local Wine is really need

4. Any other ideas or suggestions regarding improvements in Emmonak:

Road Repair are needed Badly & also dust
control is very needed to put up Stop signs
& Yield Signs

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: the winters are having less snow
the spring river break-ups are no longer flooding's
the weather during the winter usually rain and
does have warm spells and the summers are
usually are cooler and windy with alot of rain -
climate change is for sure is changing

2. Erosion and/or flooding is causing the following problems in our community:

Erosion is occurring daily once the summers are
here. the river current channels are changing. all up to the
coastal banks. eventually with in 10-15 years from now
the Kiviqut pass river wont be able to have any barges enter
to the river. pipes and roads would be the only way to deliver
the fuel to the tanks.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

it would be great to stock up on gravel to building roads
to the main Yukon. along with electrical, plumbing,
and building material.

4. Any other ideas or suggestions regarding improvements in Emmonak:

To our river banks from Emmonak slough down to
the family restaurant the boulders along there are no
longer usefull it would be an idea to collect them
into a pile for other use. being one new roads

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion - BANK - river

Thinner ICE King salmon fewer

2. Erosion and/or flooding is causing the following problems in our community:

LOTS ARE getting smaller NEAR
THE river - houses ARE IN
danger of falling over

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

ALot of GRAVEL TO control erosion
AND better roads

4. Any other ideas or suggestions regarding improvements in Emmonak:

elders home, Large hospital
to cover 4 villages

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Cancel,

2. Erosion and/or flooding is causing the following problems in our community:
low lands homes are rotten floods after floods, roads
are damaging, dusty roads.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

4. Any other ideas or suggestions regarding improvements in Emmonak:
roads, new dock,
we are a hub for Auk, Kot, Numai, (food, oil, propane
stones etc....)

**CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey**

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:
Yes, it destroys our homes, snow machines, roads

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Community development in working together

4. Any other ideas or suggestions regarding improvements in Emmonak:

roads

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: erosion is happening really fast, just look at Kwiguk is almost gone. There are lots of interior animals come down river, like moose, beavers, bears, wolves

2. Erosion and/or flooding is causing the following problems in our community:

so much erosion is building sandbars in places where there were none

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

① build dike around village, drain out bakes so the city can have better ground to build on. fix erosion site that need them, like Family restaurant on down. City dock up to Yukon river
② better water drain to fill our tanks.

4. Any other ideas or suggestions regarding improvements in Emmonak:

① raising taxes, to help with our police,
② Local hire can be improved.
③ Better drainage culverts, ones that open when our village is flooded and close, when river rises, to keep our village of tough water.
④ when const. business come they destroy our roads, and the community suffers, they have to keep buying parts or new hoods or trucks due to bad roads

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: EROSION and/or flooding
causing prblms in our community.

2. Erosion and/or flooding is causing the following problems in our community:

year round puddles of water around the
houses

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

hire engineering group workers
road project projects proposed
DOT for roads

4. Any other ideas or suggestions regarding improvements in Emmonak:

START fixing flooding housing areas
& BANK EROSIONS need to be worked
on.

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: Our village changes
when weather changes.

2. Erosion and/or flooding is causing the following problems in our community:

Yes, it does. We need all organization
to come together to plan for future
disaster.

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Individuals who owns should
be the only ones getting funds
and grants for projects for
emergency disaster.
Organizations need a emergency
shelter for individuals

4. Any other ideas or suggestions regarding improvements in Emmonak:

I agree, strongly agree what
Martin Moore was speaking for
our community.
We need a emergency shelter
for all local individuals of all
ages, so we all can evacuate from
disaster when disaster comes!

Thank you for coming and listening
to help out our community. !!!

**CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey**

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:

Erosion & Flood

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

4. Any other ideas or suggestions regarding improvements in Emmonak:

Get Rid of Martin Moore Sr.

CDBG – NDRC Phase II Application

Emmonak Community Engagement – September 2, 2015

Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES

NO

NOT SURE

If YES, please give an example: _____

2. Erosion and/or flooding is causing the following problems in our community:

*High waters during fall storm
+ Spring flood*

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

*Sealcoating
Roads*

4. Any other ideas or suggestions regarding improvements in Emmonak:

Thanks for coming to Emmonak

CDBG – NDRC Phase II Application
Emmonak Community Engagement – September 2, 2015
Project Survey

1. I believe our community is feeling the impacts of climate change (please circle your opinion):

YES NO NOT SURE

If YES, please give an example: our floods are damaging
an infrastructure

2. Erosion and/or flooding is causing the following problems in our community:

bad roads
broken vehicles

3. The following projects would be good for our community and should be included in a funding application (please use back of survey for additional writing space):

Flood Protection Pad
the Port
Airport Expansion
Learning Center / Training Center

4. Any other ideas or suggestions regarding improvements in Emmonak:

From: [REDACTED]
Sent: Friday, September 04, 2015 12:33 PM
To: Torres, Michelle G (MVA)
Subject: FEMA Resilience Competition
Attachments: FEMA Final Presentation.pptx

Hello Michelle,

I hope your trip back to Anchorage was a good one. I finally have time to write a little about the competition. As you seen by my PowerPoint presentation, our rural Alaskan Yupik culture is alive and thriving today. But we also have become adaptable to the Western lifestyle as well. Before the white people (not to sound racist) came, we were a nomadic people. We followed the seasons in kayaks or dog teams, and we hunted and gathered our foods and other necessities. We did not have permanent homes or material possessions to carry around. We did not have schools, doctors, or grocery stores to depend on. Today we still practice our hunting and gathering of subsistence foods, but using modern vehicles such as motorized boats, snow machines, and 4 wheelers. This is important to us because we do not have the luxury of huge grocery store chains. A gallon of milk can cost over \$10.00 and a loaf of bread can be over \$6.00. Cow, pig, or chicken can reach over \$30.00 a pound. Most of our freezers are filled with fish, moose, birds, seals, tundra greens, and berries because that is what we ate before grocery stores became available. The only way we can gather our foods is using our vehicles.

Our projects that we would like to see are airport expansion, a port, and a flood protection pad. All of these could greatly benefit our community and make us more resilient and self reliant. The airport expansion would help bring the cost of groceries and other household goods down. It would bring the cost of our local commercial fish to a higher price for selling to outside markets. The port would benefit the whole region by bringing the cost of oil and gas down. The protection pad would prevent future flood damages to all the vehicles in town including business and personal vehicles. All of these projects would provide jobs and bring our local economy up.

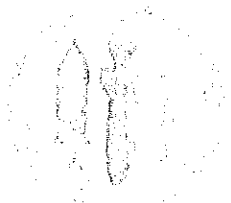
Emmonak is considered a hub which means that we serve as transportation, distribution and economic centers for smaller villages nearby such as Alakanuk, Nunam Iqua, and Kotiik.

I also would like to point out that we are in need of rural development and education. We could train and utilize our local hire for the bid projects instead of having people come in from the cities to complete the jobs. A local learning center can train our locals in various positions such as HAZMAT, CDL licensing, QuickBooks, CPR, maintenance, carpentry, and other requirements for jobs.

Thank you and I hope I provided the information you needed. Please let me know if you will be needing anything else. I'd be happy to assist you.

Ernestine Andrew
City of Emmonak
Assistant to the Manager

(Please see attached PowerPoint presentation)



City of Emmonak

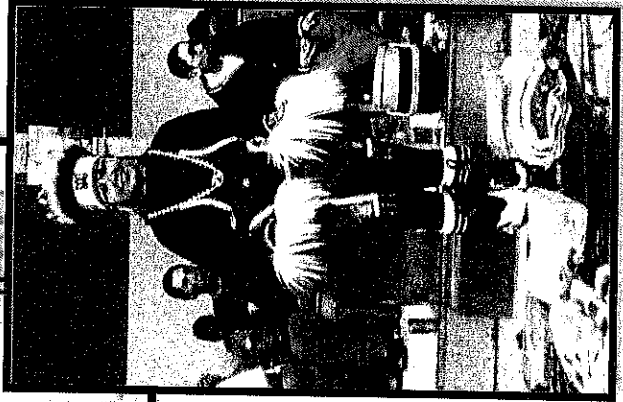
P.O. Box 9, Emmonak, Alaska 99581
(907) 949-1227 • (907) 949-1249 • Fax (907) 949-1926
email: emkcity@gmail.com

The History of Kwiguk and Emmonak

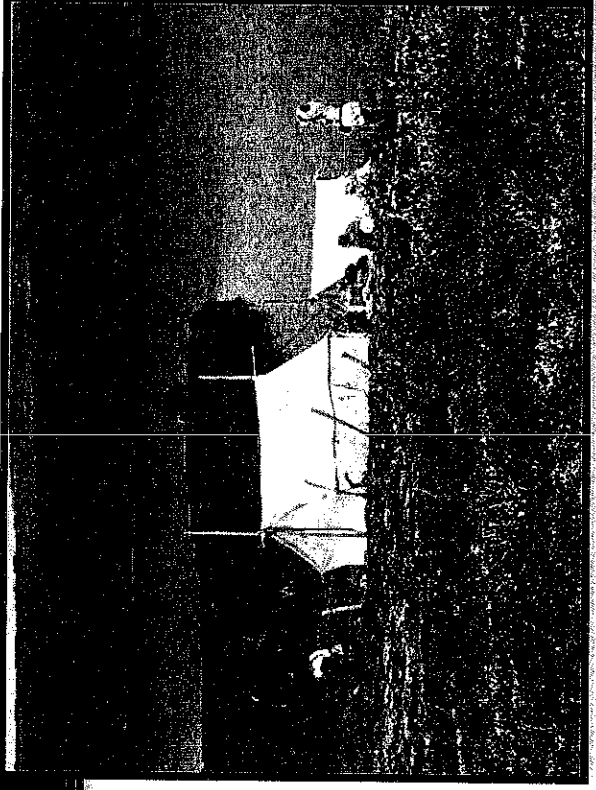
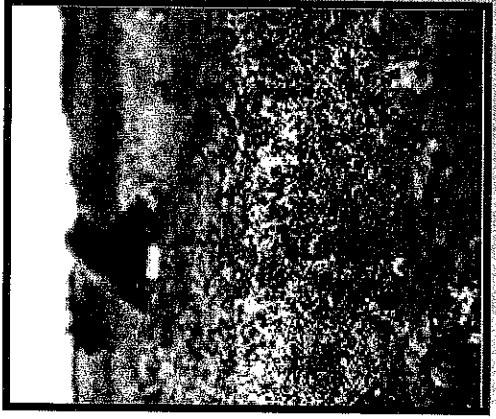
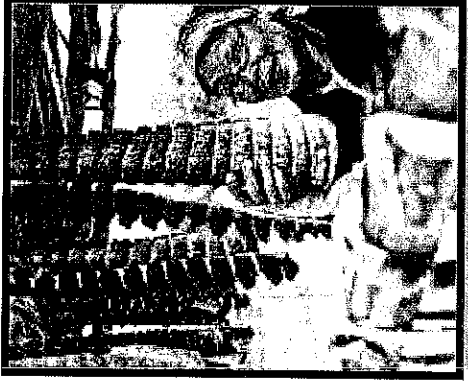
Originally located at the mouth of the Yukon River, 10 miles from the Bering Sea, on the North bank of Kwiguk Pass was a village called Kwiguk (Yupik word meaning big stream). The settlement was 1.4 miles south of Emmonak, and first reported by the U.S. Coast Guard and Geodetic Survey in 1899. A post office was established in 1920. Northern Commercial Company built a fish cannery when commercial fishing was a major industry. Between 1964-1966 the cannery and grocery store were washed away during a major flood. Kwiguk was then relocated to Emmonak (already an established settlement), which means “blackfish”.



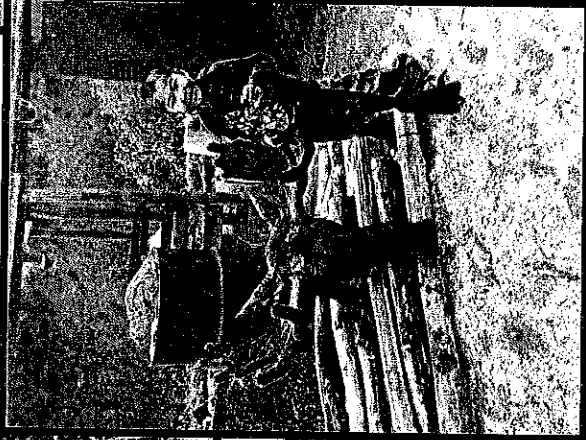
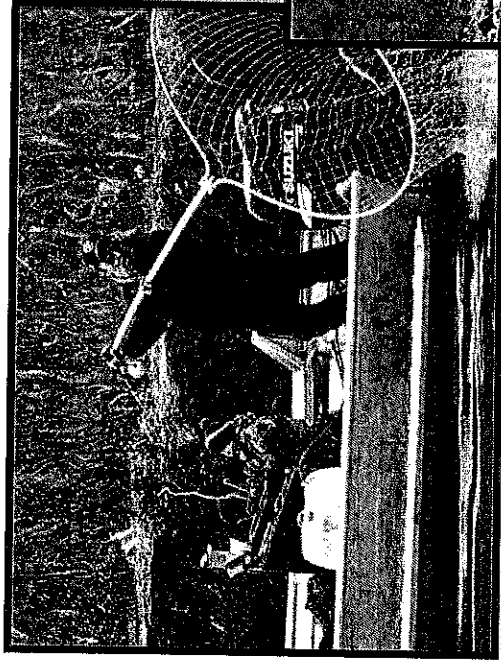
Cultural Lifestyle



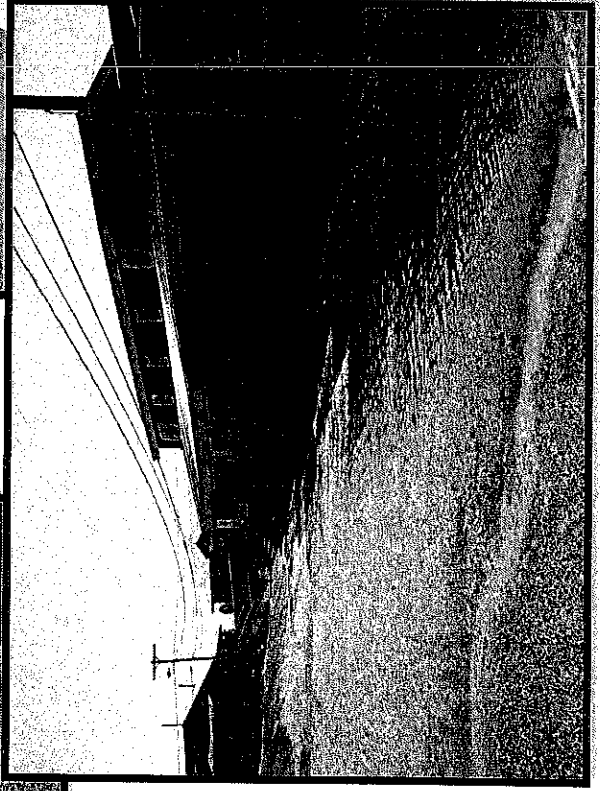
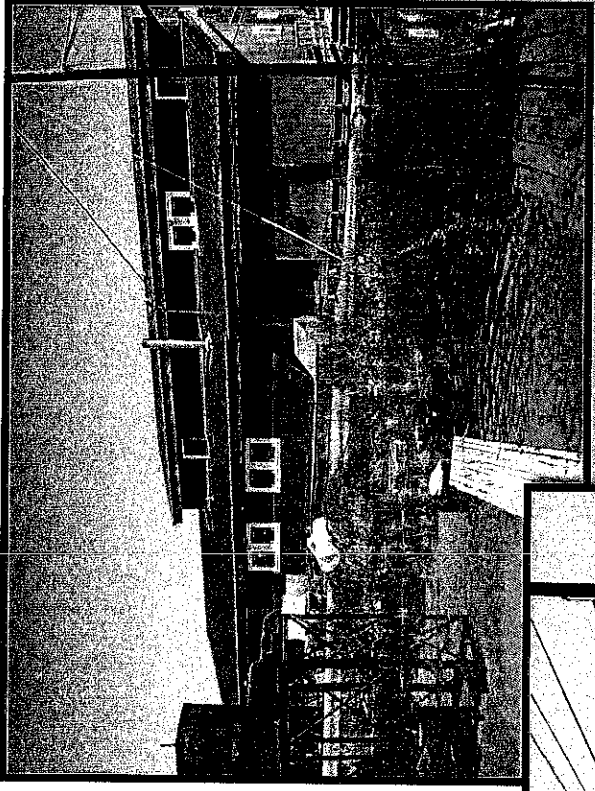
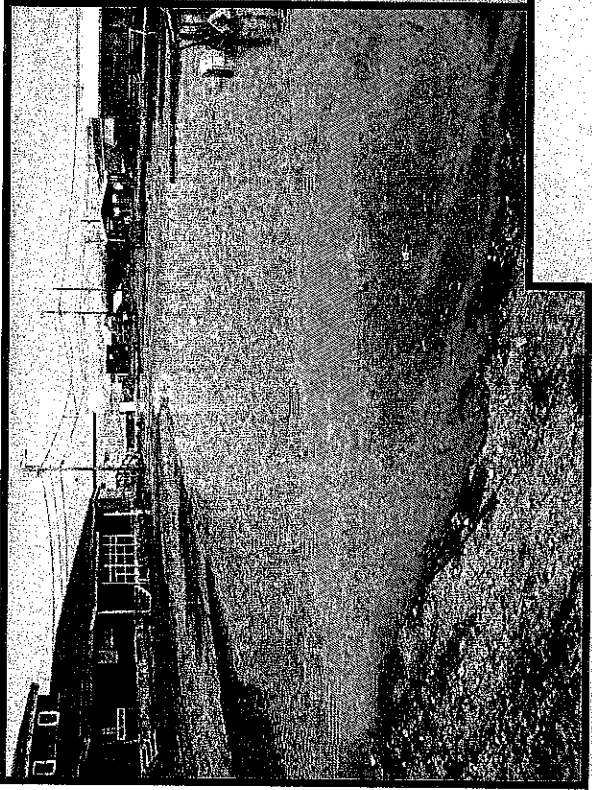
Subsistence Way of Life



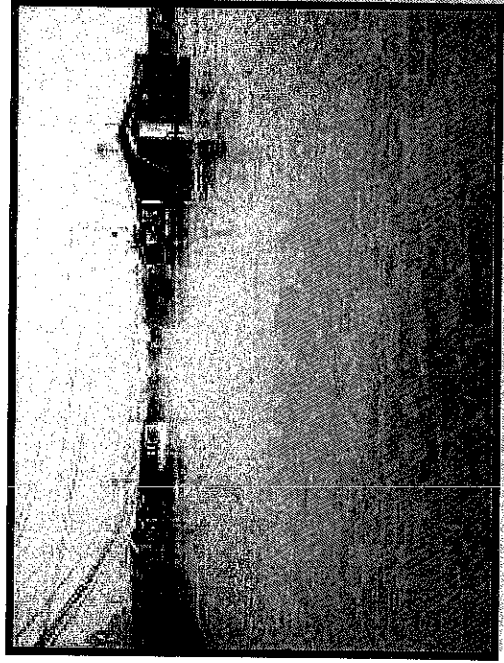
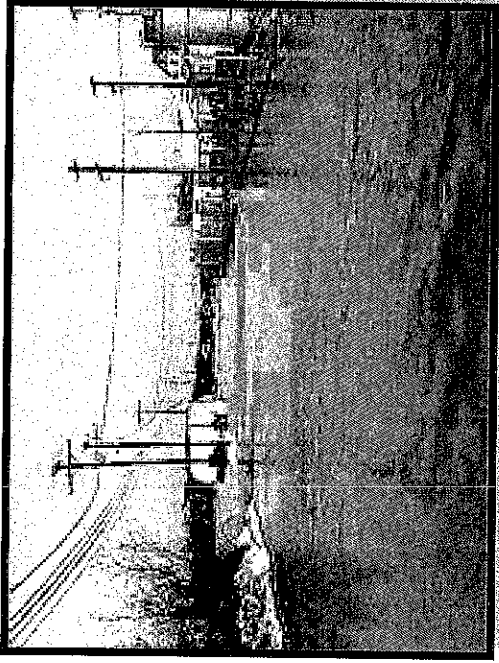
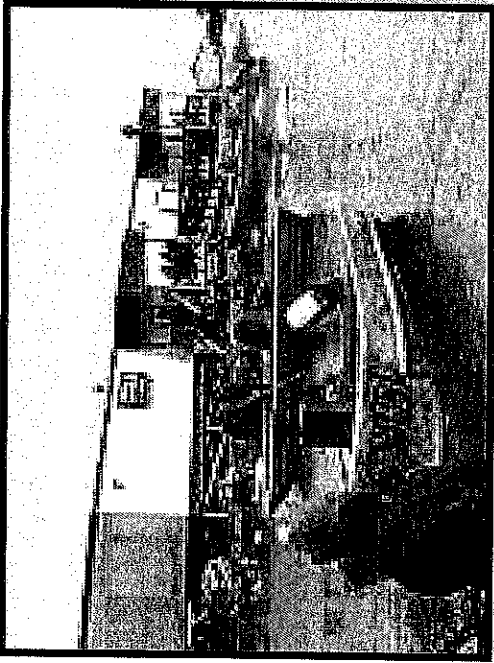
Hunting and Gathering from The Land



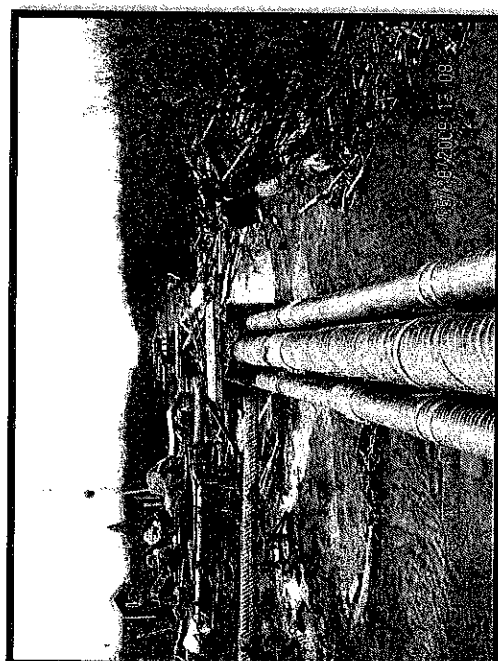
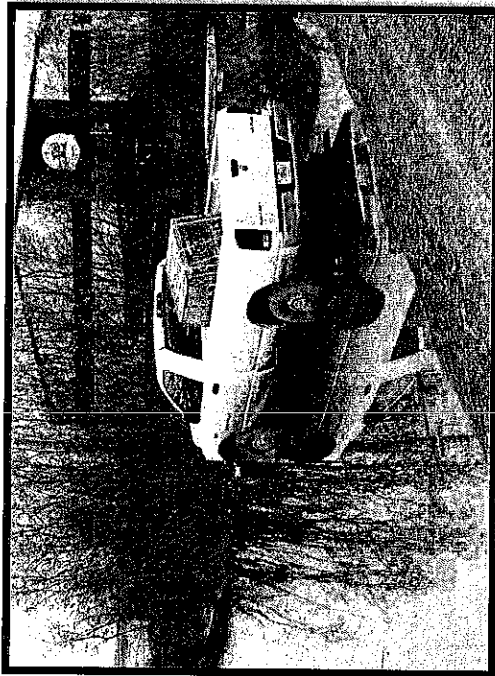
City of Emmonak Complex



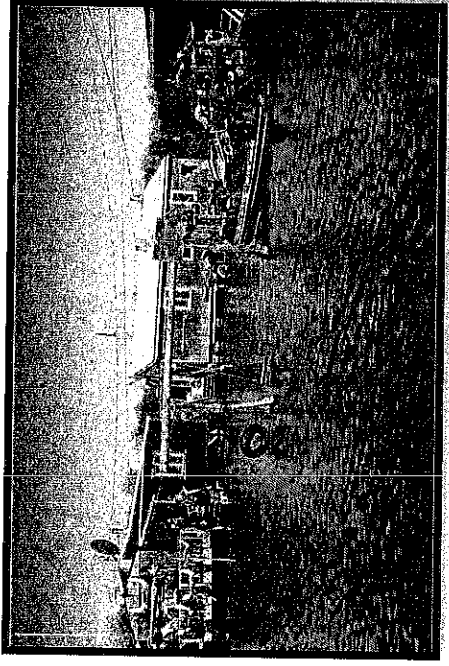
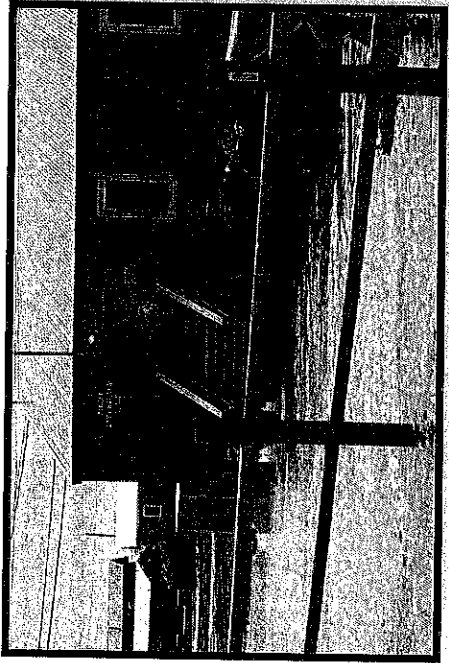
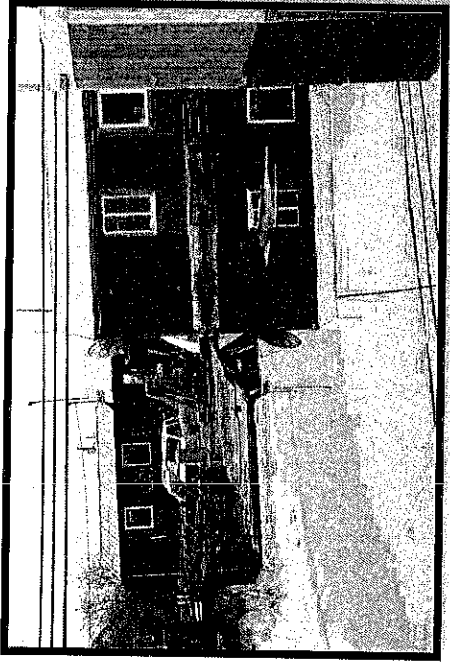
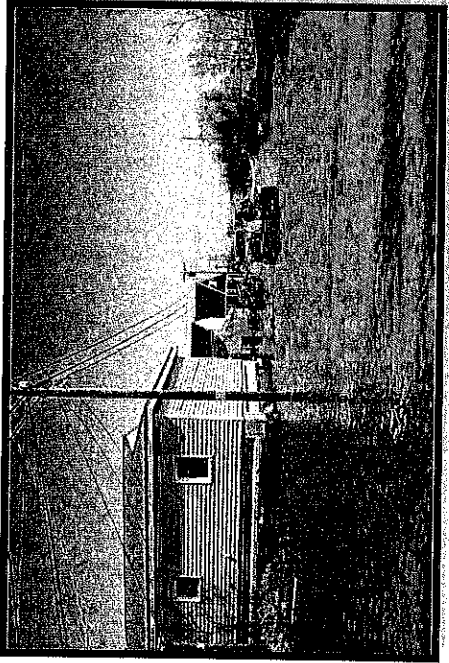
Flood Photos



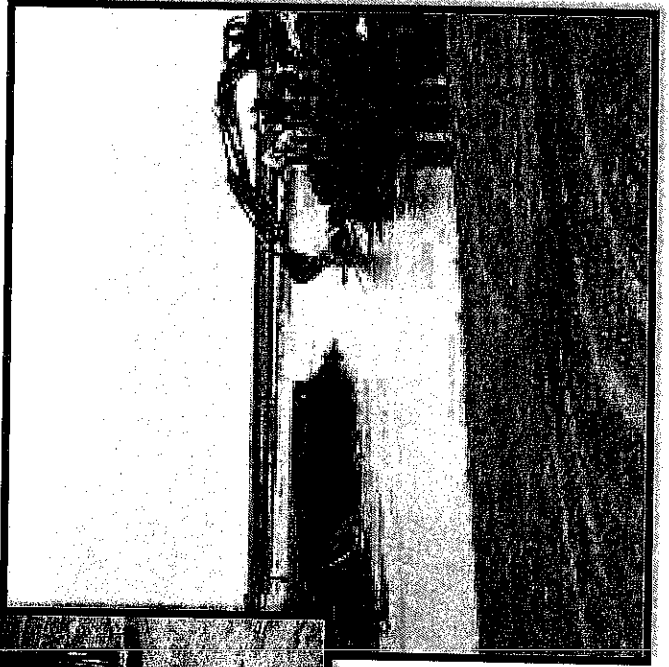
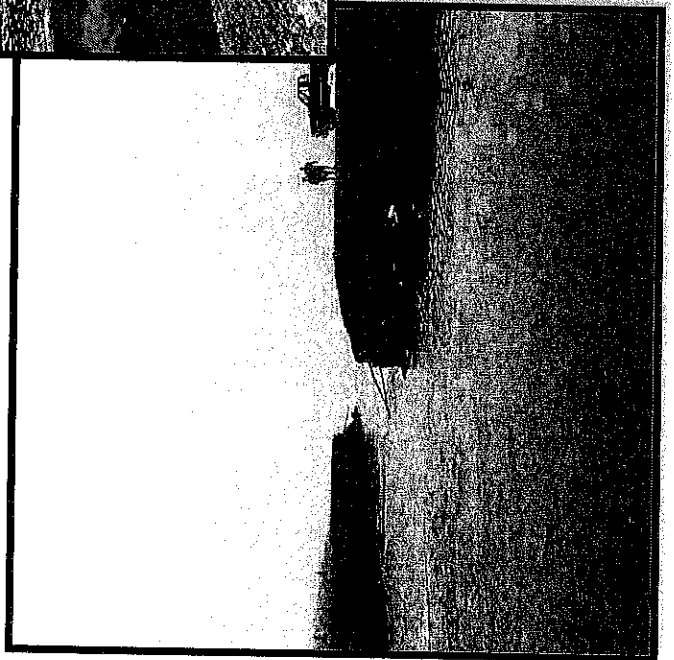
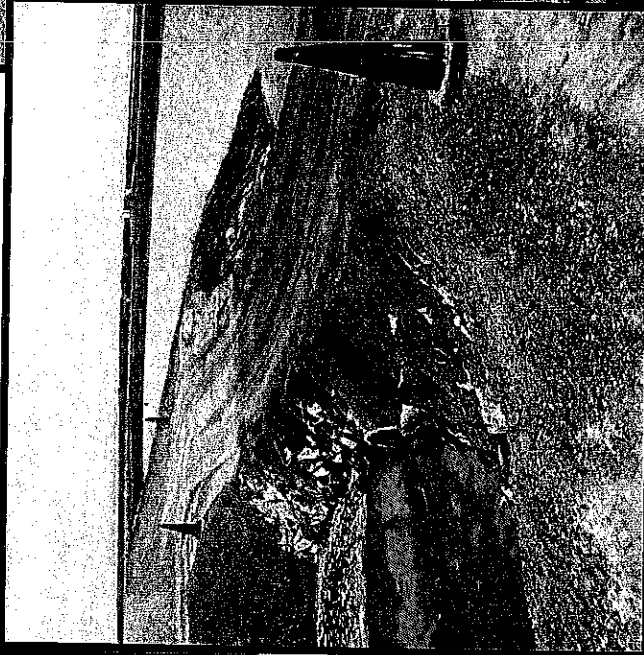
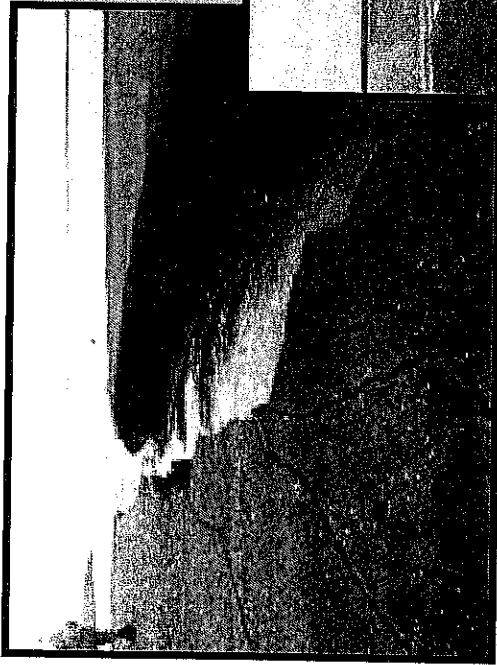
Flood Photos



Flood Photos



Flood Damages to Airport



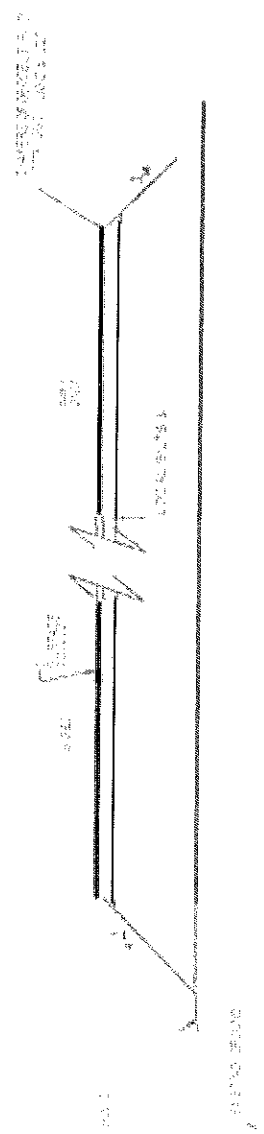
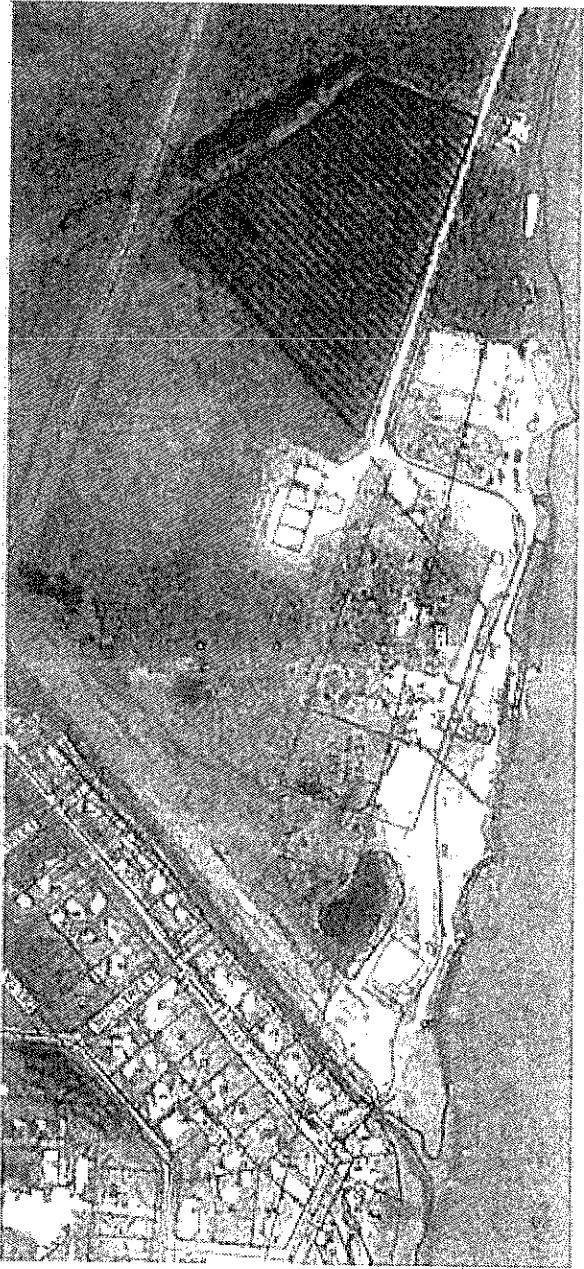
Barged or Flown in/out by Planes

- Groceries, hardware, household goods
- Gas, diesel, propane, motor oil
- Mail
- Medical supplies
- Building material
- Processed outgoing Fish

Local Businesses and Entities

- Emmonak Subregional Clinic – serves 3 surrounding villages; Alakanuk, Kotlik, and Nunam Iqua
- Kwikpak Fisheries – local fish processing plant and fish buyer for Districts Y1 and Y2
- Lower Yukon School District
- Alaska Commercial Company Store
- Anica Store
- Emmonak Women’s Shelter
- Emmonak Court House
- Emmonak Corporation
- Chuloonawick Native Village
- Emmonak Tribal
- City of Emmonak
- AVEC – windmills also provides service to Alakanuk
- Grant Aviation
- Ryan Air
- State of Alaska D.O.T
- Yukon River Towing
- Yukon Marine Manufacturing
- Department of Fish and Game
- Yukon Delta Fisheries Development Association
- Contract businesses – ASRC/SKW, STG Inc, Bering Pacific, etc.

Flood Protection Pad



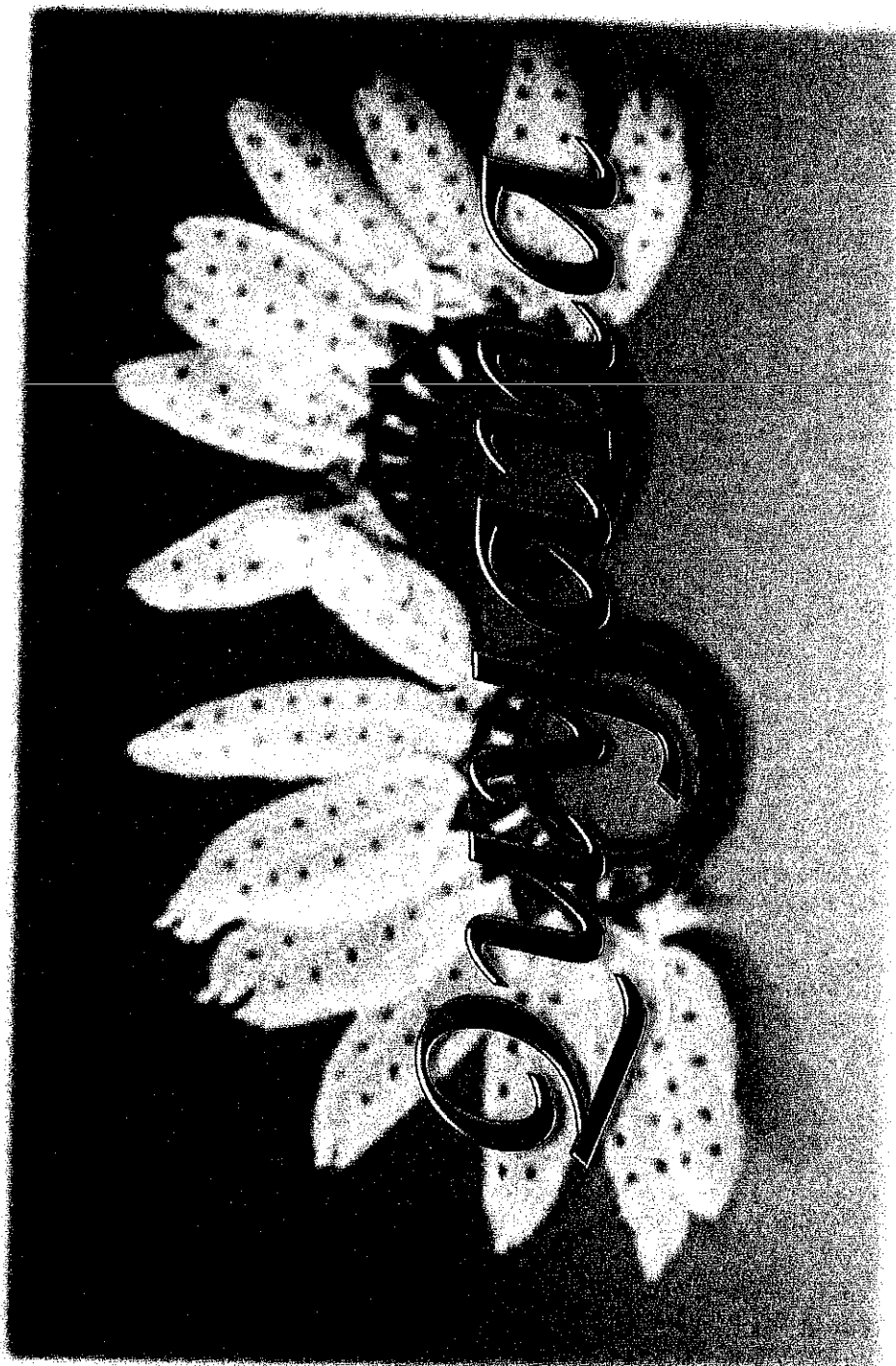
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DO NOT CONSIDER THIS AS A
DESIGN OR CONSTRUCTION

1. THE INFORMATION ON THIS DRAWING IS FOR INFORMATION ONLY

Provide a safe dry place to store personal and commercial vehicles such as 4-wheelers, snow machines, Boats, tractors, and trucks.

All of which are necessities to hunt, gather, transport, and provide for daily living in our remote community for residents and businesses.





**Emmonak NDRC Public Meeting
Meeting Agenda
Wednesday, September 2, 2015
7:00 pm – Community Complex**

This public meeting will be about the National Disaster Resiliency Competition (NDRC) grant application. The State of Alaska is submitting an application and would like to include eligible projects for Emmonak. Please attend this important meeting. We need to hear from you!

Meeting Facilitator: Michelle Torres, Division of Homeland Security & Emergency Management

Engineer: Jeff Stanley, CRW Engineering Group

Invitees: The Community of Emmonak

1. NDRC Grant Description
 - a) Eligible Activities
 - b) Community/Stakeholder Involvement
 - c) Outlining Community Priorities
 - d) Project Survey