Newtok Planning Group
February 2019 Update

ROMY CADIENTE, NEWTOK VILLAGE COUNCIL
GAVIN DIXON, ALASKA NATIVE TRIBAL HEALTH CONSORTIUM
Update From Newtok
Utility Operations
Keeping an Eye on Mertarvik
Newtok Team: Additions

**Electric Utility Repair:** Current River Electric

**BIA Tribal Transportation Project Management:** Patrick Lemay

**HMPG and PDM Grant Application Development:** Patrick Lemay

**IRT Team:**
- IRT Project Manager: USAF Captain Jason Askins
- Officer In Charge: USAF Captain Alyson White
- Non Commission Officer In Charge: USAF MSgt Jarrod Walp
- Vertical Construction Lead: USAF SMSgt Denver Long
- Horizontal Construction Lead: USMC MSgt Ken McNulty
- Alaska National Guard Liaison: Maj Rafael Pacheco
ANTHC TEAM: Additions

New Design Firms or Projects:
- LCG – MEC Interior Design
- CRW – Heavy Equipment Shop Design
- HDL- Electric Distribution System Extension
- CCHRC – 2019 Housing
## Master Implementation Plan

- Builds off of Strategic Plan
- Includes:
  - Guiding Principles of Relocation
  - Objectives of Master Implementation Plan
  - Project Priorities and Timeline
  - Overall Project List
  - Funding List
  - 2018 Project Summary
  - 2019 Project Summary
  - 2020 Project Summary
  - 2021-2023 Project Summary
  - 2024-2027 Project Summary

### Project List

<table>
<thead>
<tr>
<th>Project Description</th>
<th>ANTHC</th>
<th>NVC</th>
<th>AKDOT</th>
<th>LKSD</th>
<th>Other</th>
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<tr>
<td>PWP #1 Site Investigation</td>
<td>$339,913</td>
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<td>PWP #2 2018 Gravel Production</td>
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<td>PWP #5 Construction Estimating + Planning</td>
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<td>PWP #6 Gravel Order #2</td>
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<td>PWP #7 Tower/Pad Phase 1 Electric Distribution</td>
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<td>PWP #8 Site Investigation</td>
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<td>PWP #9 Equipment Shop Design</td>
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<td>PWP #10 Construction Estimating + Planning</td>
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<td>PWP #11 Equipment Shop Construction</td>
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<td>PWP #12 Electric Distribution System Design Phase II</td>
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<td>HMGP 7 Home Demolition</td>
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<td>AVCP ICDBG IT 2 Homes</td>
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</table>
| 2018 Totals | $11,474,862 | $1,925,000 | -$ | -$ | -$
| PWP #14 Gravel Order #3 | $2,660,000 | | | | |
| PWP #15 PASS -21 Homes | $843,070 | | | | |
| PWP #16 Water Plant, Phase 1 Water Distribution | $1,750,000 | | | | |
| PWP #17 2019 Mobilization and Site Setup | | | | | |
| PWP #18 13 House Pad Construction | | $675,000 | | | |
| PWP #19 Equipment Shop Construction | $1,200,000 | | | | |
| PWP #20 MEC Interior Renovation | $645,000 | | | | |
| PWP #21 Landfill Construction Phase 1 | $780,000 | | | | |
| PWP #22 Townsite Roads Construction 3000 LF | $700,000 | | | | |
| PWP #23 2019 Housing | $2,000,000 | | | | |
| PWP #24 Power Plant, Phase I Electric Distribution | $500,000 | | | | |
| PWP #25 Water Plant, Phase 2 Water Distribution | $1,225,000 | | | | |
| PWP #26 On Site Inspection | $200,000 | | | | |
| PWP #27 Parking Lot Construction | $200,000 | | | | |
| PWP #28 Heat Recovery and Camp Renovation | $650,000 | | | | |
| PWP #29 2019 Housing Construction | $5,650,000 | | | | |
| PWP #30 NVC Rental Duplex | $625,000 | | | | |
| Newtok Cleanup - BIA School/Additional Housing | $2,700,000 | | | | |
| Airport Design | | $2,000,000 | | | |
| 2019 Totals | $25,778,007 | $575,000 | $2,000,000 | -$ | -$
| LKSD Teacher Housing Construction | | | | | |
| McNeil HACAP - Home Improvements | $250,000 | | | | |
| McNeil HACAP - Home Improvements | | | | | |
| BIA 2020 Housing 2 AVCP Homes | | $625,000 | | | |
| Renovate + Relocate 2 McNeil Homes | $375,000 | | | | |
| Renovate + Relocate 2 McNeil Homes | | $450,000 | | | |
| 20 House Pads | | $900,000 | | | |
| 12 Additional Homes | | $4,200,000 | | | |
| Newtok Center Rd | | $4,200,000 | | | |
| Road Design | | $500,000 | | | |
| Infrastructure Extension for 20 Homes | | $2,000,000 | | | |
| School Design | | | | | |
| Next Phase Water Design + Construction | | $4,000,000 | | | |
| 2020 Totals | $14,485,005 | $2,700,000 | $30,000,000 | $410,000 | |
Mertarvik Evacuation Center
Emergency Landing Strip
Aerial Survey
Geophysics
Townsite Road

UNGUSRAQ ST. STA: 100+00 TO STA: 136+00 AND ARNAPAQAQ ST. STA: 150+00 TO STA: 192+61
Water Treatment Plant 95%
2019 Construction Scope and Schedule

Anchorage Winter 2019
Mertarvik Spring 2019
Mertarvik Summer 2019
Mertarvik Fall 2019
Winter 2019 Construction for Mertarvik

Modular Power Plant

Modular Water Plant

Procurement of Materials
- Heavy Equipment Shop
- Fabricated Materials
- Bulk Fuel Tanks
- All other Materials for Summer 2019 Projects
Mertarvik Spring 2019

Equipment Repair
Gravel Production
Complete 200 LF Landing Strip Extension
Complete Barge Landing Access Road
Build IRT, UIC Camp Pads
Expand Laydown Area
Relocate Marie Fairbanks Home
Safety Improvements for MEC
Access Trails to House Pads
8 House Pads

Timeframe: April 15 - June 8
Estimated Crew: ~35
- Brice: 10
- UIC: 25

Key Events:
- Barge departs Seward in May
- Arrive Mertarvik late May, Early June
Mertarvik Summer 2019

Set up UIC Camp, IRT Camp
Preliminary Water / Sewer
Landfill
Heavy Equipment Shop
Complete 4 Houses
5000 LF of Roads
6 Additional House Pads
4 Houses
Bulk Fuel Facility
Power Plant
Gravel Production

Timeframe: June 9 – August 21
Estimated Crew: ~90
  • Brice: 10
  • UIC: 35
  • IRT: 45

Key Events:
  • Distinguished Visitor Day - IRT
Mertarvik Fall 2019

9 Houses
Interior Renovations of MEC
Water Plant
600 LF Water Distribution System
Water Services
Portable Alternative Sanitation Systems
Electric Distribution
Energy Efficiency Improvements – NVC Camp

Timeframe: August 21 – November 15, 2018

Estimated Crew: 45
- Brice: 10
- UIC: 35

Key Events:
- Agency Site Visit – August/September
- **Community Move in – October 15**
Recent Funding Acquired: NFWF

National Fish and Wildlife Federation
- $2.73 million
- 2019 – 2021
- Scope of Work
  - Assessment of Infrastructure and Demolition Plan
  - BIA School Structure
  - Near Erosion Housing Structures (not covered by HMGP)
  - High Flood Risk Housing Structures (North Newtok)
  - Dump Site Clean Up
Recent Funding Acquired: AHFC THHP

Alaska Housing Finance Corporation Teacher, Health Professional, Public Safety Housing Program
  ◦ 2100 square foot duplex (3 BR, 2 BR)
  ◦ 2019 Design (CCHRC)
  ◦ 2020 Construction (UIC)

NVC:
  ◦ $500,000
    ◦ $386,000 Grant
    ◦ $114,000 Loan

LKSD
  ◦ $500,000 grant
Recent Funding Acquired: UAF - CSET

University of Alaska Fairbanks

Center for Safety Equity in Transportation
- Transportation Safety Training
- Inter – Community Trail Planning
- Contact: Nathan Belz
Active Applications

**HUD FY18 IT**
- $440,000
- Newtok Solid Waste Response
- Portable Solid Waste Management Equipment
- Clean up of Household Trash Accumulation

**HUD FY18 ICDBG**
- $600,000
- Two 4 BR Houses in Mertarvik 2020
- AVCP Construction

**DMVA HMPG**
- Buyout And Demolition of 6 Homes in Newtok
- 2020

**FEMA PDM**
- Phase 2 Water Treatment and Distribution for Mertarvik
- 2020-2021

**FEMA PDM**
- Additional Housing Pads for Mertarvik
- 2020
Mertarvik Airport Update

Design Currently at 70% Complete

FAA EIS, Airport Layout Plan currently nearing completion

Airport Property Acquisition is expected Fall 2019.

Construction expected to begin 2020
Relocation Guidebook

- Planning document for logistics of living in Mertarvik in Fall 2019
- Will include information on:
  - School Services
  - Clinic Services
  - Store
  - Utilities
  - Telecommunication
- Informs residents that they will have similar services to those offered in Newtok
Living in the New Village Outline

- WATER
- BULK FUEL
- ELECTRICITY
- SOLID WASTE
- STORE
- SCHOOL
- CLINIC
- TELECOMM
- AIR SERVICE
- BARGE ACCESS
- POST SERVICE
- EMERGENCY PLANNING
- VETERINARY CARE
- VILLAGE SAFETY
- NNC & NVC OFFICES
- COMMUNITY CENTER
INFORMATION ON KEEPING YOUR NEW HOME:

- Dry & Ventilated
- Clean, Contaminant-Free, & Pest Free
- Safe & maintained

WILL INCLUDE SPECIFIC INFORMATION ON THE SYSTEM IN THE HOME:

- CCHRC HRV System
- PASS
What we need: your expertise on delivering services in Mertarvik

- TELECOMMUNICATIONS
- HEALTHCARE
- SAFETY
- HOME MAINTENANCE

NEXT STEPS

- PROPOSING DIFFERENT OPTIONS/BEST PRACTICES TO THE VILLAGE FOR SERVICE DELIVERY
- INCORPORATING THIS INFORMATION INTO THE GUIDEBOOK
- DECIDING BEST WAYS TO DELIVER THIS INFORMATION; GUIDEBOOK, VIDEO TRAININGS, LIVE TRAININGS, ETC.
Guidebook Draft sent for review

NPG focused meeting to discuss guidebook

Incorporating feedback into guidebook

Delivery of guidebook training

Delivery of additional trainings and materials

Mertarvik Residents move into new home

Delivery and reinforcement of training
Request for Engagement and Support

Technical Assistance
- Support in Development of Guidebook
- Support in Provision of Resident Training
- Support in Relocation Programs
- Housing Policy Evaluation

Immediate Funding
2020 Housing Development Funding
- Renovation and Relocation of Homes (3-6 Houses)
- Construction of New Homes (~8 New Construction)

Funding Extension of Roads, Electricity, Sanitation for 2020
- Additional ~1100 LF of Road
- Additional ~1000 LF of Electric Distribution
- Additional ~20 P.A.S.S. Units

Donations for 2019 Pioneer Residents
Request for Engagement and Support

Long Term Major Funding Needs
- Housing
  - 2021-2023
  - 24 Units
- New LKSD School Structure
  - Design Complete 2021
  - Complete Construction by Fall 2023
- Newtok Clean Up
  - 2021-2027
  - Soils, School, Airport, Community Core, Landfill
- Water and Sewer Phase II
  - Sewage Lagoon, Gravity Sewer Services
  - Well Drilling, Water Treatment Expansion, Water Main