

Innovative Recovery Strategies



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PATHWAYS TO DISASTER RECOVERY

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- Partnering is the key to success
- Maximize authority to assist survivors
- Leverage support of voluntary agencies
- Pilot new ideas to determine effectiveness
- Maintain good stewardship of taxpayer dollars
- Continue to work with Federal partners to better define roles and responsibilities

National VOAD

Innovative Recovery Strategies



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PATHWAYS TO DISASTER RECOVERY

Innovative Recovery Strategies Success Factors & Issues

- **Transparent Partnerships**
 - Joint Planning / After Action
- **Access to Funding**
 - Recognize Donor Intentions
 - Stafford Act
 - How Block Grant Money is Used
- **Defining the Capacity of the Voluntary Agencies**
- **National VOAD Repair & Rebuild Points of Consensus**

National VOAD

Rebuild Points of Consensus

- **Non-Discrimination Provision**
- **Agree to Follow Local Building Codes or International Residential Code**
- **Additional Code Standards:**
 - **Energy Efficiency**
 - **Latest Mitigation Standards**
 - **ADA Standards**
- **Skilled Supervision**
- **Respect for Community & Culture**
- **Support Case Management Process**
- **Safety Standards in Place**

Rebuild Points of Consensus Some Issues

- **Educating Long Term Recovery Groups**
- **Funding to Support Full Implementation of Standards**
- **Unaffiliated Volunteer Groups**
- **100% Buy In**

DR-1843-AK

Situation

- April 28, 2009 - Rivers flood
 - 236 homes damaged -72 major and destroyed-
 - Over 200 families forced to evacuate their villages
 - Damages in 14 villages over 1,000 miles of river system
- Extremely limited building season – only 82 days from June 11 declaration
- All parties had to agree on housing plan, start implementation immediately and complete building by September 26th



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Options Evaluated and Decisions Made

- 50 applicants: destroyed/ major damage to homes: 4 remote villages
 - Shipping to applicants in 11 additional villages
 - costs to support voluntary agencies vs. contractor
 - Determined:
- Contracting would cost *substantially more* than support to volunteer agencies



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Decisions: Continued:

Eagle:

- FEMA provided for purchase of log cabins, and paid to ship the cabin kits

--O--

Stevens, Akiak and Tanana:

- FEMA purchased and shipped materials

--O--

- FEMA/State provided Invitational Travel to over 200 volunteers



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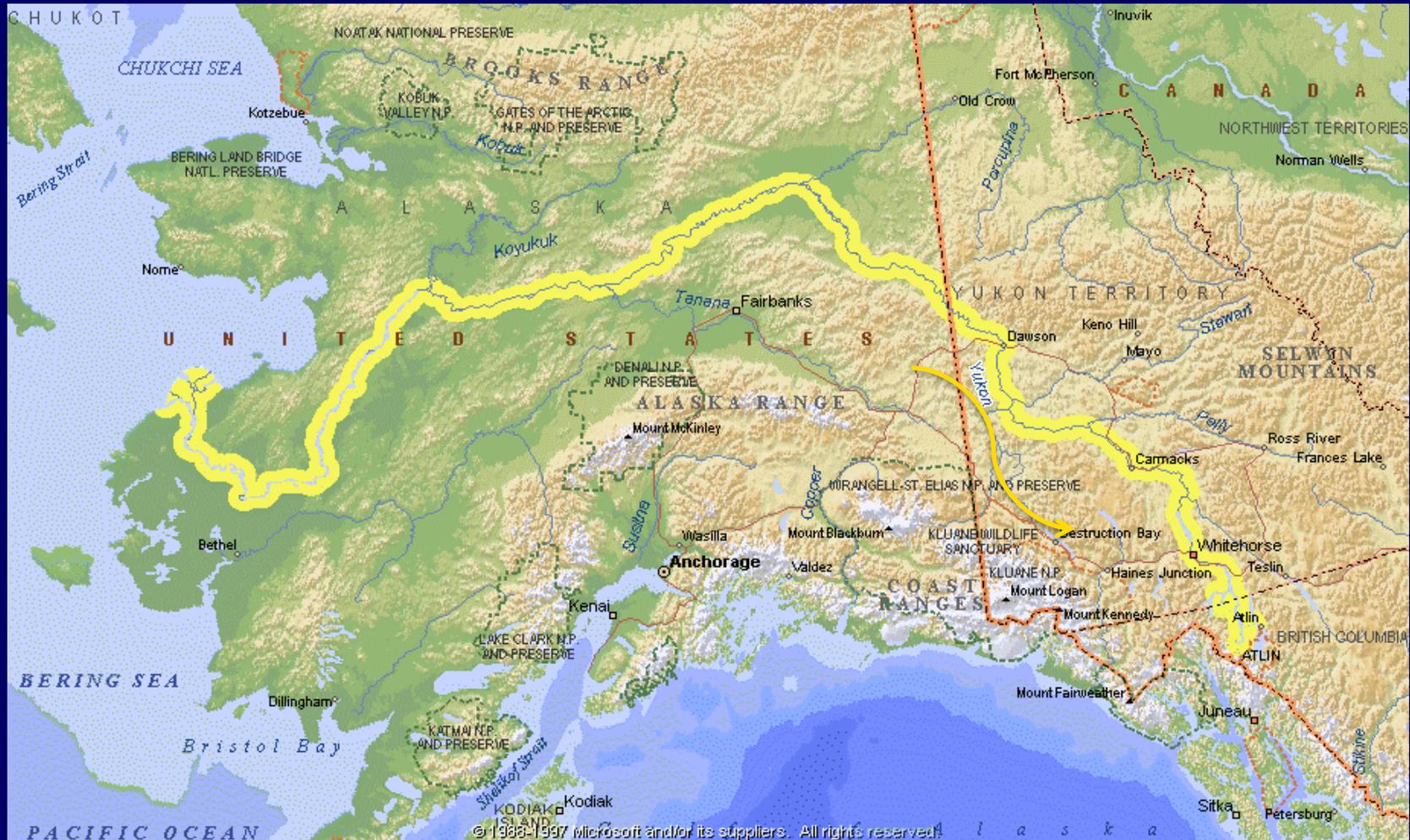
Challenges and Unique Aspects

- No available rentals
 - Extremely short building window
- Schools are available only for emergency sheltering
- Scarcity of local construction materials and contractors
- Materials delivery by air and river system only (barging until Sept. 1)
 - 10 students per school required to keep doors open
 - 30-50 percent unemployment
 - Subsistence lifestyles



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Yukon River



Spring Floods 2009



Each with:

- Different demographics
- Special circumstances

All with:

- Only five months to recover before the hard freeze set in
- Hardy, self-reliant people

Five Communities



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State of Alaska

Five Villages of Focus:

Eagle

Old Eagle Village

Stevens Village

Tanana

Akiak



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Eagle, Alaska





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EDWARD
DAVID



Menonite
Disaster
Service

Work Site

Edward* David
20x20



ANTHC REP
BASE ULLAGE
ENGLEMAN
FENCE HARDWARE





 Mennonite
Disaster
Service
Work Site
*May, Rose Dvd
20 x 29*

This is a Ministry Project of
**Samaritan's
Purse**
 Helping in Jesus' Name May 2004
W0# DAVID
EVA



Tanana



FEMA

Credit: UAF Brad Snow Collection



Barge arriving at Tanana with building materials.

Timeline

July 14: FEMA asks for Stevens Village help

July 16: MDS takes on Stevens Village

July 18: MDS Leader in Stevens Village

July 19: CRWRC volunteers arrive in Tanana

July 26: MDS volunteers arrive in Stevens Village

Aug. 14: Stevens Village complete 10 homes -19 days.



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Archives, University of Alaska, Fairbanks

Circa 1896

St. James Episcopal Church

Tanana, Alaska

What Worked

- Started at the end goal and worked backwards to determine best approach
 - All available resources were evaluated
- First State-led housing task force meeting was held on June 1st (11 days before the declaration)
 - Community involvement was critical—decision-making happened from the ground up
 - All partners were at the table and engaged to best leverage all authorities and expertise



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The Power of Partnerships

AGAINST ALL ODDS

Alaska 2009 Spring Flood



The Yukon River in Alaska is over 1200 miles long, which is approximately the distance from Miami to New York.

Stevens Village



FEMA

Credit: UAF Brad Snow Collection



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Smoke delays flights



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**Building Materials Barge
Runs Aground**

Stevens Village:

10 homes
repaired in
19 days



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Against these Odds

A plan was put in place to do the unthinkable:

The Story of Akiak, AK:

The Power of the Partnership

Akiak During Flooding











Alpine

Oil Miser
Water Healer
Model OM-148
Type C
The Best Oil Miser



The Hammer Rings Hope

Photos and Stories from Fifty Years of Massachusetts Disaster Service



By [unreadable]

Edited by [unreadable]





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The Key:

TRUST



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Timeline:

Aug. 29: Akiak requests aid (build 1 home)

Sept. 3-4: Stakeholders Planning and Investigation Trip

Sept. 14: MDS team arrives Akiak

Sept. 15: Eagle completed (13 built-8 repaired in 66 days)

Sept. 22: Tanana completed (20 in 65 days)

Sept. 24: Akiak completed (1 built -2 repaired in 10 days)



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AMERICAN SAMOA



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American Samoa



08/05/2008

View entering Pago village from the east



09/29/2009

Government cemetery



09/29/2009

Graves unearthed



09/29/2009



09/29/2009



09/29/2009



09/29/2009





09/29/2009



09/29/2009



DEVELOPMENT AMERICAN SAMOA

100



09/29/2009



09/29/2009



09/29/2009



09/29/2009

PATHWAYS TO RECOVERY



08/05/2





BACKGROUND

- April 17, 1900
- Deed of Cession
- U.S. Nationals
- Football
- U.S. Armed Forces
- 69,000 population
- Economy
- Beautiful Tropic Paradise



In the Beginning.....

In 2003, a FEMA training in Hawaii introduced the Long Term Recovery concept. It was the beginning of the ASVOAD.

In 2004, through coordination with the Office of the Governor, the Council of Churches was tasked with the ASVOAD.

Ironically, September 22, 2009 – ASVOAD meeting.

September 29, 2009 – Earthquake & Tsunami disaster. Diana Rothe-Smith immediately emailed NVOAD support and assistance. Kevin Pontsler Chair for U.S. Islands and Alaska Committee also emailed the same day requesting to help. FEMA Val Ian Becherer-Gerrie from the Hawaii office also emailed.

NVOAD connection since then – Catholic Charities USA, Tzu Chi Foundation (did not get to meet them), CRWRC, Mennonite Disaster Services, Southern Baptist, Brethren Disaster Ministries, Save the Children, American Red Cross, Hands-On Disaster Services, Feed the Children, and others.



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Long Term Recovery Committee

Mission:

- Through Coordination, Cooperation, Communication, and Collaboration; the LTRC shall strive to strengthen disaster recovery efforts in American Samoa, by connecting clients and resources, to provide for the unmet needs of those impacted by the tsunami, earthquake and flooding of September 29th, 2009, and to transition disaster survivors to self-sufficiency.



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LTRC MEMBERS

Catholic Social Services

Congregation Christian Church of American Samoa

The Church of Jesus Christ of Latter Day Saints

Alofa Tunoa Ministries

Calvary Church

Happy Valley Baptist

Rotary Club of Pago Pago

Federal Emergency Management Agency

National VOAD

Seventh Day Adventist Church

Teen Challenge

Showers of Blessing

Pualele Foundation

PARTNERS

National VOAD

FEMA

American Samoa Government

Southern Baptist Disaster Relief

Mennonite Disaster Response

Brethren Disaster Ministries

UCC Disaster Ministries

CRWRC Disaster Services

Catholic Charities USA



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LTRC - RECOVERY WE WILL GO!



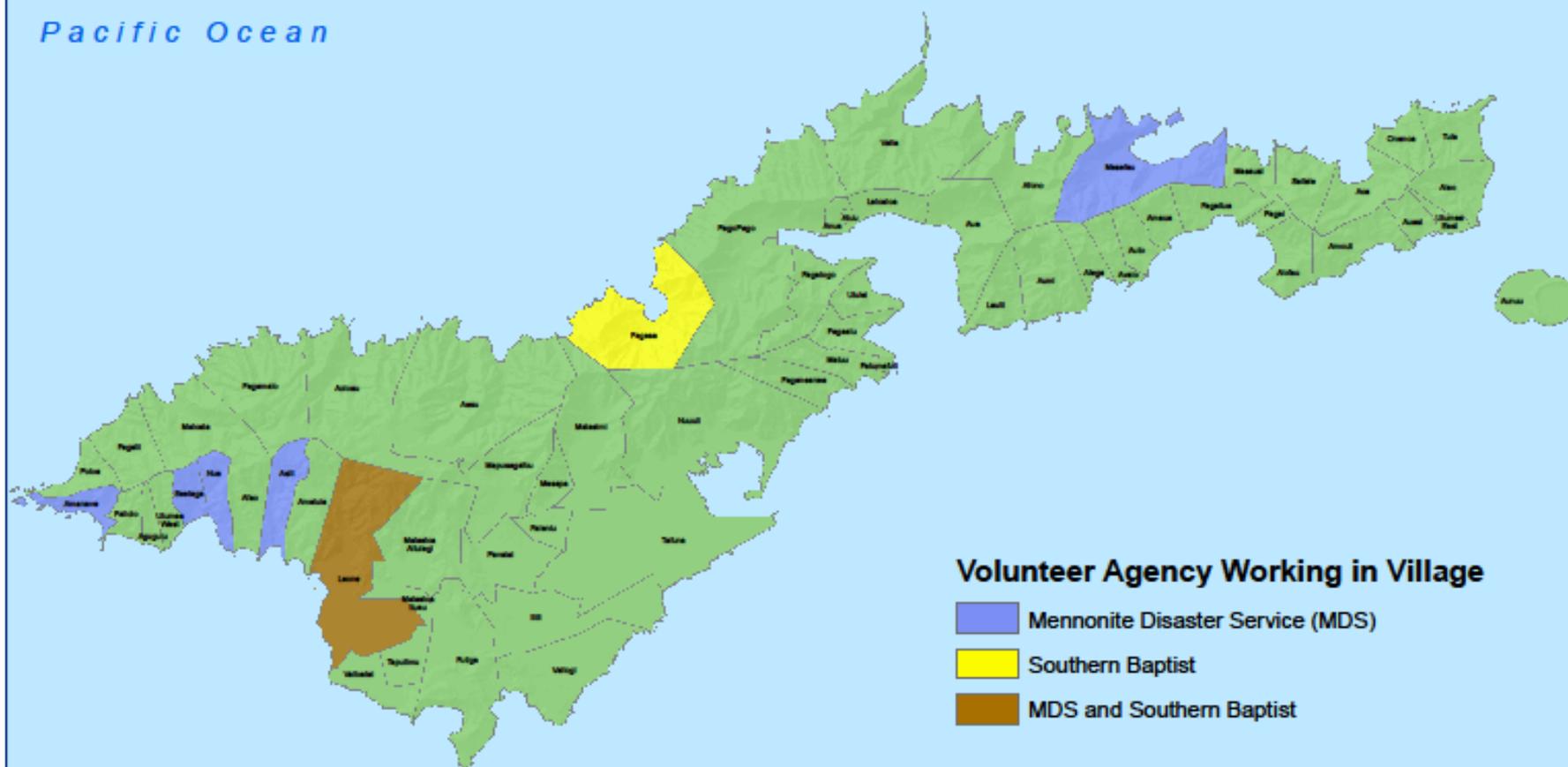


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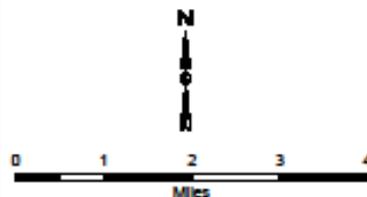
Volunteer Agency Repair Work by Village as of 02/03/2010 FEMA-1859-DR-AS

Pacific Ocean



Legend

- Tutuila Villages
- Mennonite Repair Work
- Southern Baptist Repair Work
- Mennonite and Southern Baptist Repair Work



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Location Map



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Department of Homeland Security
Federal Emergency Management Agency

Date Created: 2/3/2010
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CHALLENGES

Commitment

Funding – *Still in need!*

Tools

Materials

Pacific Ocean



LESSONS LEARNED & SUCCESSES

- V (flood) Zones
- Recycling materials
- Getting free transportation for volunteer labor
- Partnership with NVOAD & FEMA
- Community ...
- Faith based and service clubs...



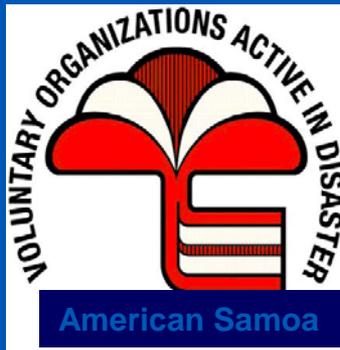
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**FA'AFETAI
TELE
LAVA**



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*Thank you for your kindness and support to the people of
American Samoa. GOD BLESS*



Evelyn T. Sao-Stevens

American Samoa VOAD

Point of Contact

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Question and Answer



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PATHWAYS TO DISASTER RECOVERY

Activity Reminders

- Breakout sessions will begin at 10:15
- There will be lunch shuttles to Gas Lamp District and Liberty Station today. Shuttle fees apply.
- Remember to sign up for tonight's production of the musical Sweeney Todd at the Old Town Theatre. Seat is confirmed with payment.
- Baseball Tickets



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