A Holistic Approach to Sustainable Northern Communities
A Pilot Project: Oscarville, Alaska

Project Timeline
Challenges, Successes and Future Goals
Project and Funding Needs

Alaskans helping Alaskans create a new holistic approach to project development at the community level
### Project Timeline: A Holistic Approach to Sustainable Northern Communities

**A Pilot Project Year Review: Oscarville, Alaska**

<table>
<thead>
<tr>
<th>2014</th>
<th>2015</th>
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<tr>
<td><strong>Sep - Dec</strong></td>
<td><strong>2015</strong></td>
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<tr>
<td><strong>9/24/14</strong></td>
<td><strong>10/14/15</strong> Working Group Meeting Anchorage, Alaska</td>
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<tr>
<td>First Roundtable Rural Energy Conference Fairbanks, Alaska</td>
<td>- HUD ICDBG applied for Multiuse Building</td>
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<td>- Oscarville selected as pilot community</td>
<td>- CCHRC applies for USDA i6 grant for continued support</td>
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<td><strong>10/22/14</strong></td>
<td>- HUD announces IT grant for $450,000 granted to Oscarville</td>
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<td>2nd Roundtable Anchorage, Alaska</td>
<td>- Water from old well being pumped to school</td>
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<td><strong>12/2/14</strong></td>
<td>- Back up would be haul system</td>
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<tr>
<td>3rd Roundtable Anchorage, Alaska</td>
<td>- ANTHC applies for $75,000.00 SOA CIP</td>
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<tr>
<td>- Oscarville selected as pilot community</td>
<td>- Funds sought for EE of building (audits complete)</td>
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<tr>
<td><strong>3/24/15</strong></td>
<td>- Oscarville Native Corporation provides $50,000 for meter base electrical issues</td>
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<td><em>5th Roundtable Bethel, Alaska</em></td>
<td><em>12/1/15</em> Working Group Meeting Anchorage, Alaska</td>
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<td>- Site visit to Oscarville</td>
<td>- Project update issued</td>
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<tr>
<td>- Planning meeting in Bethel to identify:</td>
<td>- US Senate Energy &amp; Natural Resource Committee site visit to Oscarville</td>
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<tr>
<td>- Needs</td>
<td>- Field Testimony in Bethel</td>
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<tr>
<td>- Actions</td>
<td>- Project Update</td>
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<tr>
<td>- Stakeholders</td>
<td></td>
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# Project Overview: A Holistic Approach to Sustainable Northern Communities

## Challenges, Successes and Future Plans: Oscarville, Alaska

### Challenges
- Small Population (60-65 people)
- No economic stimulus – jobs only with tribal government, school and clinic
- No cash flow for growth – 45% below poverty level
- No roads – board roads only within the village
- School data: 16 students, 4 teachers
- No potable water – water well failed
- No sanitation – honey bucket community
- No community fuel storage
- No secondary heat source
- Inadequate landfill

**DATA FACTS:**
- 15 Residential Homes, 1 Public School K-12, 1 Tribal Office Building, 1 Clinic, 1 Pump House (water well)
- Electrical Power intertie from Bethel
- Board Road community
- No in-home sanitation or water

### Strategies & Successes
- Tribal Government (community consensus)
- Create Economic Development and bring new jobs by using local workforce for all future work
- Expand access – AVCP Transportation Federal Highway funds for board road to Bethel (2015-2016)
- HUD IT grant ($450,000) for new water well (2016)
- ANTHC, YKHC, LKSD collaborative effort on in-home sanitation systems
- AHFC, CCHRC, AVCP-RHA collaborative effort on Energy Efficiency improvements to all buildings
- AVEC and Oscarville Native Corporation collaborative effort to improve electrical lines and PCE maximization
- Create matrix for Holistic Approach for all rural Alaska Project Development

### Future Goals
- Project Development phased for optimal results
- Seek funding USDA-RD ICDBG grant for multi-purpose building
- Explore EPA and IGAP funding for landfill clean up
- Explore renewable energy integration
- Seek continued funding for Holistic Approach concept
Project Overview: A Holistic Approach to Sustainable Northern Communities
Oscarville, Alaska

2016 Action Items currently in motion!
Housing
- Energy Use
- Education
- Efficiency

Water & Sanitation
- Environment
- Public Health

Energy
- Renewables
- Resources

Economic Development
- Financing of Projects
- Job Creation
- Resiliency