DRAFT Proposed Mitigation Activities

Multi Hazard

1. Identify and pursue funding opportunities to implement mitigation activities
2. Implement Nixle emergency notification
3. Incorporate mitigation provisions into existing plans
4. Develop a public outreach and education program regarding potential hazard impacts and personal planning preparations
5. Booth at the annual health fair
6. Educational fliers
7. School visits
8. Develop a list of internal and external suppliers of equipment, supplies (batteries, shovels etc), medical supplies (ie voluntary registry of equipment such as earthmoving, generators, etc)
9. Develop or refine local emergency announcement procedures and back up plans
10. Obtain and install a Siren Warning system to alert for various emergencies or disasters
11. Develop and install a signage program for hazards posted at key facilities or locations.  
    a. At school, Nolan Center for Emergency shelter designations

b. Fire Hazard level signs at key forest entries (Spur Road, Nemo Loop)

Severe Weather Hazard: Drought (mitigate for water and power conservation)

1. Increase water storage capacity

1. Dredge existing reservoirs and perform stump removal
2. Install a bypass line to the upper reservoir

2. Develop alternative water sources  
 a. Investigate further feasibility of Sunrise Lake  
 b. Consider Desalination  
 c. Investigate SMB water supply and hooking into existing system  
 d. Explore water opportunities from Institute Creek, the 6.5 mile mill creek for emergency use and hooking into existing system

3. Increase back up power generation   
 a. Purchase Generators to provide enough back up power to provide essential services and sustain community  
 b. Purchase portable generating units for needs for vulnerable populations (elders, medical)  
 c. Purchase portable generating units for essential services  
 d. Explore alternative power sources such as wind and solar for emergency services  
 e. Work with Alaska Dept. of Transportation to purchase back-up generator for the airport

Earthquake Hazard

1. Complete Dam stabilization and replacement
2. Conduct structure inspection and feasibility analysis and retrofit any critical facility or public infrastructure that does not meet current State adopted Building Codes
3. Integrate hazard construction methodologies into newly constructed infrastructure and public buildings.
4. Work with Alaska Dept. of Transportation and Alaska Mental Health Trust regarding slope stabilization at 6.5 Mile.

Flooding Hazard

1. Provide public awareness and response education for residents within the potential flood impact zone of the reservoir dams
2. Develop a storm Water management plan for sheet flood prone areas of town

Volcanic Ash Hazard

1. Provide adequate supplies of breathing apparatus for vulnerable populations, first responders, and critical facility crews.
2. Determine needs of equipment that may be needed during an event to assure its continued and safe operation

Wildland Fires

1. Develop a local coordinated response and communication channel with the USFS.
2. Develop a local Smokey Bear awareness campaign with the USFS to educate against fires and mitigate fire threats
3. Develop, adopt, and enforce burn ordinances that control outdoor burning, require burn permits and restricts open campfires during identified weather periods (wind, dry etc)