

MICHIGAN ARMY NATIONAL GUARD
CAMP GRAYLING JOINT MANEUVER TRAINING CENTER
HEADQUARTERS, BUILDING 4
CAMP GRAYLING, MICHIGAN 49739-0001

NGMI-JFHQ-CGZ

18 August 2016

MEMORANDUM FOR RECORD

SUBJECT: Camp Grayling Climate Resilience Plan Working Group held Monday, August 01 2016

1. On 1 August, 2016 several members of the community along with members of the Michigan Army National Guard met to review the Camp Grayling Joint Maneuver Center Adaptation Planning for Climate Resilience report. Brigadier General Michael Stone, Assistant to the Adjutant General and Installations facilitated the discussion between the parties attending the meeting. BG Stone introduced the study and discussed the relevancy of the report as it affected the community and the installation.

2. The second portion of the meeting discussed the action plan and the way forward. BG Stone introduced each goal and a short discussion followed. Responsibility for each goal was assigned to an individual or organization.

a. **Goal:** *Protect and enhance the region's natural resources and ecosystems, focusing on areas that may be most affected by climate change.*

(1) Is there some type of summary, or Vulnerability Assessment completed for Lake Margrethe and any other surrounding forest areas? Responsible party to locate or draft this summary is Sandra Michalik, Lake Margrethe Property Association (LMPOA) and John Hunt Michigan National Guard (MING) Environmental.

(2) Information on the Hanson Hills Oak Wilt study. Responsible party is Wendy Kelso, Grayling Recreational Authority (GRA).

b. **Goal:** *Support community-wide cooperative fire protection effort, especially in areas where wildfire risk may be exacerbated by climate change.*

(1) In order to secure funding to establish and maintain a full time Wild Land Fire Department LTC Brown, Camp Grayling Joint Maneuver Training Center (CGJMTC), will email the Michigan Joint Forces Headquarters (JFHQ) G3 and copy BG Stone.

(2) BG Stone will develop a collaboration with the Michigan Department of Natural Resources (MDNR) Seasonal Wildfire Department.

(3) LTC Brown, CGJMTC, will research possible partnerships with neighboring States to develop Emergency Management Assistance Compact in regards to Bambi Buckets. The discussion will also include the construction of additional hangers at the

Grayling Army Airfield. Responsibility is the JFHQ Construction Facility Management Office (CFMO) and G4, LTC Brown will coordinate with both directorates.

(4) The group needs to identify someone to research Federal Grant money for Fire management. This person needs to be dedicated to reviewing the web site grants.com regularly to identify potential grants.

(5) LTC Green, CGJMTC and Michele Richards, MING Environmental will develop a full reduction plan for next year in conjunction with the MDNR.

(6) Develop a Table Top exercise with surrounding communities during the Spring of 2018 to expand emergency response with area municipal fire departments, MDNR and Camp Grayling. LTC Green, CGJMTC and LTC Brown, CGJMTC will work with the local community to develop the exercise.

(7) Work with the Crawford County Economic Group and the City of Grayling to help secure funding for long term structural fire response and ensure this is captured or included into the economic development plan and involve Arauco in this partnership. SFC Mead and LTC Brown will continue to attend all of the Municipal meetings.

c. **Goal:** *Evaluate the feasibility of a biomass plant on the installation to increase the Camp's energy security posture and address projected increased storm-related outages.*

(1) BG Stone will re-disseminate the Energy Study that was conducted at Camp Grayling.

(2) Michigan State University has been identified to conduct a study on how to achieve Net Zero energy and waste at Camp Grayling

(3) Camp Grayling is scheduled to begin construction of a one of two Wind Tunnels. Responsibility of this construction is COL Hallenebeck, CFMO JFHQ & BG Stone.

d. **Goal:** *Maximize climate-informed infrastructure investments to benefit all members of the community.*

(1) Develop an action plan to open underutilized GAAF to the larger community. Research for defense contractors or vendors that provide Hanger building materials. Responsibility LTC Green, CGJMTC by continuing to attend the aviation board meetings.

(2) Increased investment in the railroad/railhead, possible partnership with Arauco or other companies in the area. This needs to be placed on the master plan. Responsibility BG Stone, COL Hallenbeck, JFHQ CFMO.

(3) Develop a fiber optics plan to incorporate the Merit 4,000 miles of fiber to develop redundancy. Responsibility BG Stone, LTC Brown and Green.

(4) Expand the sewer and water services in and around the surrounding areas. Camp Grayling has their own water wells, however we need to take a look at the wastewater treatment plant, another possible Arauco partnership with the community of Grayling. This is another master plan project COL Hallenbeck and LTC Brown are responsible for this action.

(5) Explore the use of a micro-grid system to make Crawford County more self-sufficient on power. Responsibility BG Stone.

(6) Continue to explore and target a northbound exit for I-75 at North Down River road to support the installation and community. BG Stone will re-engage the research on the "Tiger Grant".

e. **Goal:** *Increase energy efficiency and use of alternative energy across the installation to increase the Camp's resiliency.*

(1) BG Stone has taken responsibility of all the actions associated with this goal.

f. **Goal:** *Expand outdoor recreation opportunities to keep pace with a changing climate and changing demands from visitors.*

(1) Expand recreation opportunities to keep pace of changing climate and visitors, some ideas; Convention center near Hanson Hills, some type of "Kampgrounds of America" (KOA) park, possibly privatize to cover funding. LTC Brown and SFC Mead, Community Relations CGJMTC, are responsible to continue to work with the Hanson Hills Grayling Recreation Association (GRA).

(2) Enhance the economic connections between Soldiers and community, some things to consider are; public transportation, post a display advertising community related activities in the area, such as golfing, paddling down river, State parks, etc.. SFC Mead and LTC Brown are responsible for this interaction.

g. **Goal:** *Enhance the capacity for Defense Support of Civil Authorities (DSCA) at Camp Grayling.*

(1) LTC Brown, CGJMTC, and SFC Mead, Community Relations CGJMTC, will review the Crawford County Emergency Operations Plan (EOP). They will ensure CGJMTC is included in the All Hazards Plan for the county. They will also identify any current or future Memorandums of Understanding or Memorandums of Agreements.

h. **Goal:** *Address the needs of sensitive populations in the community who will bear the burden of climate effects.*

(1) LTC Brown will review the Crawford County EOP and discuss with local authorities plans to identify areas that can house a large number of senior citizens or citizens with special needs during DSCA events.

(2) LTC Brown will continue to coordinate with members conducting the Joint Land Usage Study and ensure special needs populations are identified and their health and welfare is maintained.

i. **Goal:** *Prepare for increased severe weather events at Camp Grayling and the greater community.*

(1) There needs to be a deliberate planning meeting between the city of Grayling Doug Baum and Camp Grayling, LTC Brown to develop a plan to support both the installation and the community during severe weather and a recovery plan in place.

j. **Goal:** *Support land use and development that is resilient to climate change and is mutually beneficial to the installation and the greater community.*

(1) The Joint Land Use Study has been requested and the proposal has been sent to the Department of Army and Air Force.

3. The community representatives present also discussed with BG Stone other innovative measures to support the climate resiliency plan. All of the request have been documented and will be added to various action plans as the work group moves forward.

a. The ability to link the Adaption Planning for Climate Resilience electronic report to a web site for public access.

b. BG Stone was asked to assist in linking bike trails to develop green belt transportation opportunities.

c. BG Stone was asked to assist the community to recycle glass at the Camp Grayling recycling center.

4. The next meeting date was not set but will be determined in the near future. Any questions concerning the minutes, plan or meeting please contact LTC Theresa L. Brown or SFC Jeremie A. Mead at 989-344-6100.

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