



NEMCOG Joint Land Use Study

June 2017 Technical, Policy, and Public Meetings



NEMCOG JLUS: ALPENA DATA GATHERING AND DISCOVERY MEETING SCHEDULE

WEEK 1: Alpena Data Gathering, Discussion, and Interviews					
	Monday, 29 May	Tuesday, 30 May	Wednesday, 31 May	Thursday, 1 June	Friday, 2 June
0800	Memorial Day				Tetra Teach Team Interviews Schedule TBD
0900				Alpena Tour	
1000					
1100					
1200	Lunch	Lunch	Lunch	Lunch	Lunch
1330				PC/TC Inbrief Issues Identification Maritime Heritage Center, Education Room	Tetra Teach Team Interviews Schedule TBD
1400				PC/TC Issues SWOT/Ranking	
1500				PC/TC Public Meeting Discussion	
1600				Group Event:: Team Recap	Group Event: Team Recap
1700			Tetra Teach Team Arrives at Alpena		
1800			Tetra Tech Team meeting	Move to Sanctuary Theater Room for Public Meeting	
1900				Public Meeting JLUS Overview	
2000				Public Meeting Issues Identification, SWOT/Ranking	
2100				Cleanup	

Group Event:

Issues Identification

The group will identify issues that need to be addressed throughout the study. These will be both positive and negative and provide the framework for the JLUS report. Map exhibits will be available in the room to refer to.

SWOT Analysis

The group will sort all of the issues into the four groups: Strengths, Weaknesses, Opportunities, and Threats. Participants will be asked to “vote” on the issues to determine the relative weight or importance of each issue.

ALPENA TC AND PC DISCOVERY MEETING

The Technical and Policy Committees (TC/PC) representing the Alpena Combat Readiness Training Center (CRTC) met June 1, 2017. 1:30 – 4:00 p.m. Tetra Tech provided a briefing and facilitated the meeting. Residents were asked to identify where they live in relation to the JLUS AOI, provided a brief introduction on who they are and their interest in the Joint Land Use Study (JLUS). Tetra Tech provided an overview of the JLUS organization and process as well as facilitated a brainstorming session to help identify potential issues that the JLUS should address.

Alpena TC/PC: Issues Identification

The following bullets are issues and discussion captured during the Issue Identification with the Alpena area TC and PC.

- Flight Path – several of the planes that go over with cargo nets travels over homes. Helo carrying a generator. Sling load training should not be traveling over homes but there are some accidental traveling
- Bomb runs over lake Huron and removal of UXO/Dummy Ordinance
- PFC/PFOS/and PFOA
- Off shore training runs. Live munition impact on habitat.
- Infrastructure issues – assistance for road repair. Military uses public infrastructure and doesn't match SRM
- Noise from training in recreational areas
- Approach/departure is determined
- Airport location awareness/noise awareness
- Economic impact is mixed. But there is an Economic Impact for Alpena CRTC. Trades jobs are a positive economic impact.
- New hangar - that will be a large project with significant economic impact.
- Alpena CRTC plans to use local hotel for surge capacity over 1100. They use local barber shops, laundry mat,
- Northern Strike – 1500 vehicles for rent
- Joint response emergency services exists. They have a mutual aide agreement
- Sherriff/Security partnership
- .25 million gallons of JP8. During Northern Strike they burn 800K gallons of various fuel that is purchased from the local community
- Northern Strike also has increased traffic activity
- Northern Strike – one year an exercise damage historical structure on Thunder Bay Island
- With many transient people coming through for exercises, they have had issues. CRTC has stepped up their education people receive when they arrive.
- Better way to for locals to notice economic impact would be great
- What is the land use and environmental carrying capacity to support the training activities?
- What is the munitions impact on ground water?
- Potential breach of security is low, but not impossible.
- Civilian intrusion into military area.
- Training accidents have occurred during hunting season.
- Sharing knowledge between NEMCOG and CRTC. They have PA, which is the base commander. This would have helped in 2009 and 2015 when the base was considered for closure. Alpena has the fewest NEPA sites for clean-up. Developing a base community council would help.
- PSAs are helpful.
- Community should reach out and draw people into the community. Both for tourism and population growth.

Alpena TC/PC: SWOT Exercise - Discussion

- They have an airfield joint use agreement. CRTC only maintain their roads. But runway maintenance is an issue.
- The base has above average use water use. So, sustainability could be an opportunity for the base. CRTC has solar panels, but limited results due to weather.
- TheWings over Alpena, public air show was enjoyed by the community and would likely welcomed. Quick or small community parade during Northern Strike.
- Increase CRTC community involvement would be nice.
- How do we get contractors/private firms to consider this a potential home. NE Michigan UAS/ATVs?
- The airport is county property.
- CRTC and airport has expansion capacity.
- They have a GSU

Alpena TC/PC: SWOT Results

TC/PC Alpena (and Public Meeting)	
Strengths	Votes
Draws New People/Tourist to Community	6
Airport Viability	5
Northern Strike Activity	9
Northern Strike and Economic Assess	2
New Hangar	3
Commercial Partnership with Sherriff’s Department	7
Joint Response Emergency Services	5
Construction is a positive Economic Impact	3
Surge Capacity - Rental Vehicle	0
Surge Capacity – Hotels	0
Base Population Economic Impact	6
Members of the Community	4
Current Sonar Scan	2
Star Base	5
Expansion Potential	3
Weakness	Votes

Flight Path	2
Training Accidents	2
PT SES Trigger Northern Strike	0
Infrastructure Issue – Roads and Matching SRM	2
Noise: Training/Aircraft Operations (Too low and fast)	5
Sling Load Training	0
FAA Oversight	1
Delayed Budget/Congressional Approval	3
Drop Zone Accidents	0
Opportunities	Votes
PSA	2
Base Community Council	9
Increase Local Awareness of Alpena CTRC Economic Impact	6
Identify the Carrying Capacity of Alpena	3
Northern Strike	7
Sustainability	5
Public Air Show	0
Parade	1
Increase Community Involvement	6
Attract DOD Prime Contractors	5
Threats	Votes
Security Breach	0
Civilian Intrusion	0
Impact of Munitions on Groundwater Quality	4
Live Munition Impacts to Lake Huron	7
PFC's	5
Unexploded (UXO)/Dummy Ordinance in Lake Huron	1

Impact on the Marine Sanctuary	1
Closing Alpena CTRC	10

Alpena TC/PC: Additional Meeting Notes

- Flight Path
 - Sling load training over homes
- Bomb runs over
 - Unexploded ordinance vxo
 - Dummy ordinance
- PFO's, PFOA – all Air Force bases
- Live munition impact on habitat
- Infrastructure
 - Military uses public infrastructure, doesn't pay enough
 - SRM – sustained
- Noise
 - Long Lake and Grand Lake (west of the lakes). 1000' level
 - Approach departure arrival – military limits to north south
 - Title or deed restriction – to make new homeowners aware
- Economic impact
 - There is an economic impact study; \$90M/yr, 3-4 yrs; \$250M/yr new
 - Surge in rental vehicles
 - Local hotels for surge capacity
- Members of the community
 - NG base within a community
- Construction of new hangers
 - By locals/local unions
- Joint response emergencies
- Sheriff Department and air controllers
- Northern Strike increases activity and number of people
 - 220 people in 2012 – now 5,500 increase in people
 - PTSD trigger
 - Blew up historical structure
- Better way for locals to recognize economic impact
- Munition impact over 100 years on groundwater.
- Potential security breach
- Training accidents
- New entity (base community council) community relations consul of government
- PSAs
- Airport viability
- Civilian intrusion
- Public wings over Alpena
- Star base educational
- Alpena – under Air NG. Grayling ground range is under Alpena (keep to ANG) (air to ground range)
- Alpena airfield – 4 leased areas
- JTE – Joint Threat Eliminator. Merit with UAS COA
 - Military operations in urban terrain

- Unmanned aerial surveillance – drones
- Day or night
- Off approach and departure zones
- Air to water range over Lake Huron – only 55 x 100 nautical miles
 - Use once or twice a year
 - Restricted air space
 - Only NG site like this in USA – one of a kind
 - NOAA – Oceanographic mapping of area almost complete
 - Largest air space east of Mississippi
- Joint Nat training capability certified
- Northern Strike – 4th largest DOD exercise
 - National DOD attention – 4-star general
- National K-9 training held there 350 per year (US, Can, Netherlands)
- MI state police
- Other 1st responder type
- Other users sometimes cause issues/trespassing, which then causes problems between base and local communities.
- Northern Strike – limited interaction
- Bed space – 1,100 used
- Other events – 500 people between two bases
- Construction – \$10M within community

NEMCOG JLUS: GRAYLING DATA GATHERING AND DISCOVERY MEETING SCHEDULE

WEEK 2: Grayling Data Gathering, Discussion, and Interviews					
	Monday, 5 June	Tuesday, 6 June	Wednesday, 7 June	Thursday, 8 June	Friday, 9 June
0800	Tetra Teach Arrives at Discussion Location/Team Prep	Tetra Teach Arrives at Discussion Location/Team Prep			
0900	Camp Grayling Tour	<i>Group Discussion:</i> PC/TC Inbrief Issues Identification Grayling Township Hall			
1000		<i>Group Discussion:</i> PC/TC Issues SWOT/Ranking			
1100		<i>Group Event:</i> PC/TC Public Meeting Discussion			
1200	Lunch	Lunch			
1330	Camp Grayling Tour	Tetra Teach Team Interviews Schedule TBD			
1400					
1500					
1600	<i>Group Event:: Team Recap</i>	<i>Group Event: Team Recap</i>			
1700	Tetra Tech team meeting				
1800		Public Meeting Kirtland Health Sciences Center, Community Room B, Set Up			
1900		Public Meeting JLUS Overview			
2000		Public Meeting Issues Identification, SWOT/Ranking			
2100		Cleanup			

Group Event:

Issues Identification

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SWOT Analysis

The group will sort all of the issues into the four groups: Strengths, Weaknesses, Opportunities, and Threats. Participants will be asked to “vote” on the issues to determine the relative weight or importance of each issue.

GRAYLING TC AND PC DISCOVERY MEETING

The Technical and Policy Committees (TC/PC) representing the Camp Grayling Joint Military Training Center (JMTC) met June 6, 2017. 9:00 – 11:00 a.m. Tetra Tech provided a briefing and facilitated the meeting. Residents were asked to identify where they live in relation to the JLUS AOI, provided a brief introduction on who they are and their interest in the Joint Land Use Study (JLUS). Tetra Tech provided an overview of the JLUS organization and process as well as facilitated a brainstorming session to help identify potential issues that the JLUS should address.

Grayling TC/PC: Issues Identification

The following bullets are issues and discussion captured during the Issue Identification with the Grayling area TC and PC.

- Impact area noise, aircraft operations, traffic.
- Wildfires. 2015 col. Brown has list of acres burned (see slide provided to us as HC).
- Fire containment is the biggest issue for Col Brown.
- Wildfire smoke can also be an issue.
- Disaster Communication is also important. Wildfires and otherwise.
- Traffic Congestion: Summer tourism and NG convoys are an issue. Sometimes convoy release schedule is released. But sometimes units leave early. Riverfest, and Car Show, all seem to happen at the same time.
- There are also problem intersections including freeway interchanges. Poorly designed and not enough capacity. 4 mile exit/75.
- Worlds largest XXXXX plant being built. Logging truck traffic will increase.
- Road condition due to convoys.
- Also, roads through the ranges/interior roads impacts natural resources. Water quality is impacted. Sand in the river. Loss of habitat. Soil erosion.
- Water Quality: ground water contamination. Storm water is an issue into the river. Siltation and sedimentation.
- Energy consumption/efficiency: the ANG Air to ground range facility is one of their largest energy hogs.
- Virtual pipeline for natural gas.
- Economic impact
- Public relations
- Boundary management: The military wants to make sure that the property they own is the property the need. If they don't need it, they don't want it. And they are putting some up for sale.
- They also have properties that they want to keep that are surrounded by private property.
- Public access: legislative action 288
- Geographically centered guard presence: provides disaster/defense support for community.
- The Grayling airport/airfield could potentially at risk depending on funding priorities. Camp has a 2025 plan for expansion. Everytime they expand the airfield there are issues around trees that come up.
- Water Contamination: PFOS/PFOA
- Emergency responders: it's a broad issue with interagency response especially during busy times of year. It could be capacity and logistics.
- Northern Strike: The town is unable to support. Use all the beds on base and in Grayling.
- Public recreation
- Wildlife habitat: T&E, wildlife partnerships, and contagious habitat.
- Airspace: large area, restricted airspace for UASs. Certificate of Authority for UAS to restricted airspace. COAs mean that you don't have to line of site for. But they do have to have line of sight until they get to the restricted.

- Military exercises: increased throughput. Provides year round impact and when the plus up occurs the economic impact is even greater.
- Frequency spectrum: There are pros and cons. One pro is that it brings in a lot of military research and development. Interoperability: they try to solve it internally.
- T&E research: military provides a lot of. There is other research as well: Windtunnel, cool bridge thing.
- Social media is highly used. And a good public relations tool.
- Wildfires: loss of training time, property loss, prescribed burns (all fires have issues)
- Infrastructure: roads, bridges, utilities, internet connections, cell phone connection, facilities (they are tool that the community can use, such as the NCO club).
- The HB288 may increase traffic on the base of citizens on base with ATV. Trails are being busted open.
- Kirtland Warbler and Snake and Bat: these are things that could take the base down.
- UASs can be an opportunity as well as a strength.
- Visitors tail: we will lose people if we don't know how to keep them here.
- T&E is viewed as a strength because they strike a balance of recognizing.
- MI Guard and Alpena CTRC uses Rave Alert to send out disaster updates. Something to look into for public notifications.

Grayling TC/PC: SWOT Results

SWOT Results: TC/PC Grayling	
Strengths	Votes
Multi-County Collaboration	0
No Land Growth	1
Sustainability and Recycling	5
Continuing Improvement with Public Relations	1
Community Cooperation	3
Camp Grayling Operations: Noise Improvement	1
Threatened and Endangered Species Habitat	1
Economic Impact	9
Simulated Training	2
Positive Members of the Community	2
Wide Name Recognition	1
Historic Reputation	2
Best Group EVER	1
Sounds and Sights of Freedom	3
Positive Community Interaction	3
Weakness	Votes
Flight Path	5
Emergency Response: Summer Peak	2

SWOT Results: TC/PC Grayling	
Noise: Impact on Communities	6
New Gates	1
Tax Burden	7
Night Operations Impact on Communities	4
Internet Access	7
DNR Tree Cutting	6
Displaced Wildlife	3
Clear Cutting	3
Noise: Aircraft	7
Camp Grayling Operations: Low Flying	4
Camp Grayling Operations: Noise	11
Infrastructure Disrepair	0
Poor Cell Phone Reception	6
Opportunities	Votes
Communication about Operations	3
Future of Joint Recycling	1
Lake Recreation Effects	1
Airport: Sound and View Buffer	6
M.A.T.E.S	6
Summer Peak	1
Tank Trails	0
Double Northern Strike	0
Communication with Area Surrounding Camp Grayling	5
In Grants	0
Increase Tanks	1
Emergency Response Notification	4
Camp Grayling 5 Year Expansion Plan	3
Out Grant Disposal	0
Threats	Votes
Road Conditions	16
Anti-Terrorism/Force Protection	0
ASP Protection	3

SWOT Results: TC/PC Grayling	
Runway Expansion: Trees	8
Unexploded Ordinance	2
PFCs	19
Fuel Point Protection	2
Wildfires	12

Grayling Area Public Meeting

- Land ownerships. Public access to hunting, especially at and near Range 40. PA288 will come out with a map ORV; cooperative effort between DNR and Camp Grayling
- Road conditions and tax burden.
- New runway and tree clearing: Runway expansion – need more communication. Base is looking at underground power to reduce tree clearing. Will aircraft come down over civilian property? There is regulation on aircraft approach. FAA guidance has changed in the last five years. This is a critical issue that needs to have an implementation strategy
- Positive experience with boat launches and fishing.
- UXOs; 30, 40, and beaver ranges all have UXOs. They have a detachment on base that goes out and looks and retrieve UXOs. If one doesn't go off, the training stops until retrieved.
- Multi country collaboration pointed out by base, but sometimes it has caused an issue.
- Noise improvement from 25 years ago.
- Lack of real internet access
- Night time operations are a problem with noise.
- A way to work with DNR based on their tree plan that helped block sound. Unsure if that is scientifically true. However, there is a perception. Communication is a problem. DNR also appears to clear cut and displace wildlife.
- Threatened and Endangered species habitat is being developed on Camp Grayling to help
- Economic Impact is positive; could the military representatives meet with surrounding areas/counties and describe what is happening on base.
- There is property that the military doesn't need and they would like to turn it over back to the community, especially outside the main cantonment. Conversely, they would be interested in purchasing property that is surrounded by the installation. In/Out Grant
- Sound and view buffer in Sherwood Forrest
- Infrastructure in disrepair – looking for help from the government or state to repair.
- Cell phone reception is poor.
- If the installation grows, how will they management. Communication about operations.
- Approach and departure zones. Why are they flying over the subdivisions.
- The military has also has started to have simulation training which reduces environmental and noise impact.
- Wide name recognition of CampGrayling/NG and historic reputation.
- Wildfires
- The Camp is much more open from years past and the community appreciates the improvement.
- The Camp has a 5 year expansion plan. Some of it will come back to things identified in this process. They won't have any land growth but they want to increase mission, specifically tanks, at MATES. Northern Strike wants to go twice a year. Number of exercises will increase, number troops will increase. So the pros and cons of traffic congestion and economic development.

- Trying to get a cell tower. ATT wants more than what the guard can bring to help bring more cell phone service and internet.
- If Alpena goes away, the mission won't come to Camp Grayling.
- Ammo and Fuel supply – do we have enough security and emergency response.
- Emergency response – Fire, Police, don't have resources during peak seasons.
- Improvement of community relationships and the guard is appreciated.
- Recycling/lead abatement and brass abatement on base is impressive.
- Grayling township can't get recycling done. Camp isn't sure how to get citizens on post and they would need to build a larger facility. Possible Joint Facility should be considered.

Grayling Public Meeting: SWOT Results

SWOT Results: Grayling Public Meeting	
Strengths	Votes
Community Support	3
Positive Deterrent	0
Emergency Responders	2
Alpena-Grayling Partnership	0
Restricted Air Space	0
Maintaining Protected Habitat	1
CG MATES Partnership	0
Air Space	1
Increased Throughput	0
Rising Tide	0
DSCA	0
Varieties of Land Ownership	0
Designated Natural Rivers Au Sable Upper Manistee	0
147,000 Acre Facility	2
Wildfires Required Burns	1
NWTF Cooperative WL Management	0
Facilities	0
UASs	1
Hanson Hills Recreation Area	0
Grayling Army Airfield	1
Economic Impact	3
Wildlife: Threatened and Endangered Species	1
State Partnerships	1

SWOT Results: Grayling Public Meeting	
Boundary Management	0
Frequency Capacity	0
Wildlife: Contiguous Habitat	4
Wildlife: Partnerships	3
Research and Development	1
Wildlife: T&E Research	1
Weakness	Votes
Shortage of Emergency Responders	1
Camp Grayling Operations: Noise	5
North Down River I-75 Road	3
Problem Intersections	4
Social Media Perception	0
Four Mile/I-75	2
Disaster Communications	3
Removal of Vegetation	0
Swimmers Itch	1
Soil Erosion	1
Water Quality	3
Siltation	2
Infrastructure	2
Cell Coverage	4
PA288 Enforce Resources	6
BAPS	1
Fire Fighting Costs	1
Logistical Trail	0
Visitors Tail	1
Road Conditions: Interior Roads (silt); Major Arteries; Side Roads	4
High Season Problem Intersections	1
Freeway Interchanges (choke points)	0
Traffic Congestion	1
Opportunities	Votes
Public Relations	9

SWOT Results: Grayling Public Meeting	
Social Media	2
Energy Efficiency	1
Stormwater Management	1
Interoperability	1
Facilities as a Community Resource	1
COA 4 UAS to Restricted Airspace	0
Public Recreation	0
Public Access	0
Airfield Expansion Opportunities	1
Virtual Pipe Line	1
Population Surge (Carrying Capacity)	1
PA 288	5
Silent Sports	2
Education	5
Economic Monitoring	7
Forest Health	2
Threats	Votes
Public Safety	1
In Grants and Out Grants	1
Property Damage due to Wildfires	0
Fire Impact to Local Training	2
Fire Control	7
UXOs	0
PA288 ORV Trail Posting	1
Airfield Water Contamination	3
Vertical Hazards	2
Ground Water Contamination	6
PFCs	2

Grayling: Miscellaneous Notes

- David Smith – Grayling Township
- PFC's – Sherwood Forest
- Noise – Helicopters – notice improvements
- Air craft noise
- Impact noise
- Low flying aircraft
- Lake Recreation effects
 - Water quality
 - Noise
 - Access open vs. closed gates
- PA 288
 - ORV
 - New map
 - DNR and Grayling
 - Road conditions
- FAA approach/??? Zone – expansion of clear zone
- FAA vs Army regs
 - Change
 - Last 5 years
- Lake Margrethe
 - 52% is military owned
 - Community cooperation on lake management
- UXO – EOD explodes ordnance detail
- Multi-county collaboration
- Tank trails
- Lack of internet access/cell phone receptor
- Nighttime operations
- DNR tree sound and view barriers – only diesel vs. forest management
- Communication about operation
- Displaces wildlife
- Threatens endangered species habitat
- Economic impact
- Release of unused property back to local communities – sell out – grant disposal
- 66% in Federal/State ownership
- Home values under valued
 - Tax base
 - Infrastructure in disrepair
- Manages growth in terms of operations and event size and amount
- Positive member of community
- Sight and sounds of freedom
- Some sort of messaging system/threat/emergency
- Emergency response notification
- Reverse 911
- Amber Alert
- Wide name recognition
 - Because of Army camp
 - Historic reputation
- Wildfires

- Continuous improvement of public relationship
- 5-year expansion plan
 - No land growth
 - Increase tank population
 - Tag northern strike
 - Up to 125 people
- Need to reach out to technical committee
- Noise
 - Fire on range
 - Helicopter
 - West side of Grayling
 - Heavy equipment on roads
- Wildfires – Jack pine
 - 821 ac '16
 - 14,000 ac '15
 - 3,000 ac '17
 - High potential
 - Containment of smoke
- Communication – disaster communication
- Traffic congestion – summer season
 - Have convoy release schedules
 - Riverfest same time as Northern Strike
- High season
- Problem intersections
 - Interior roads (check points)
 - 2, soon 3 particle board plants
 - Logging trucks
- Freeway intersections (4 Mile at 75)
- Road condition
- Water quality
 - Soil erosion – education
 - Groundwater condition
 - stormwater management
 - Removal of vegetation
- Energy efficiency
 - Building
 - Future natural gas on site
 - Wind tunnel generators
 - Virtual pipeline
- Economic impact
- Public relations
- Boundary management
 - Noncontiguous
 - Don't need it – don't want it
 - Public access – PA 288 House Bill open forest roads would be open to ORVs
- Defense support for agency attendees (other than just NG)
- Grayling Army Airfield – want to keep
- 2025
 - Air expansion

- Milcon \$ in 2018 possibly new armory
- Water contamination
- Vertical hazards
- UAFs
- Munson Hospital
- Hospital – North state
- Emergency responders
 - High season
 - Traffic control
 - Can double population surge
- June – September Sheriff Wakefield
- Capacity
 - Logistics camp
 - Surges
- Housing
 - Visitors tail
 - Grayling booked for Northern Strike
- Logistical tail – new
- Recreation
- Wildlife habitat
 - Contiguous
 - Wildlife partnerships
 - Wild turkey – rye grass
- Threatened and endangered species
 - Massasaga
 - Kirkland warbler
 - Bat?
- Site of restricted airspace – asset
- COA – Certificate of authority for UAFs within training (line of sight needed to get to restricted area)
- Increased through put
- Frequency spectrum – inter-service frequency uses
- Maintaining protected habitat – research T&E
- Research – R&D
- Social media
- Fire
- Loss of private property
- Loss of training time
- Prescribed burns
- Infrastructure – road, bridges, sewer, water, wi-fi, cell overage
- Cell coverage
- BAPs – big ass pipes
- Facility opportunities (NCO club) as a community resource – non-com use
- 147K acres
- Varieties of land ownership
- Force protection and encroachment – blueberry harvesters
- UXOs
- Public safety
- State partnership – Latvia, etc.; DNR/Camp Grayling
- Water quality

- Economic impact
- Recreation – PA 288
 - Hard to enforce
 - Cost to put up signs
 - Old school
 - Drive down 2-tracks
 - Is both a weakness and opportunity
- Fishing/hunting
 - Turkey federation
 - Trout Unlimited
 - Wild and scenic river protection
 - Au Sauble, Manistee
- Add trails - non-motorized
- Hansen recreation area – strength
- Silent sports
- Water quality
- PFAs & PFOAs (PFCs)
- swimmers itch
- Economic impact
 - Has not been well quantified
 - Education
 - Maintaining – economic
 - Rising tide MDEC SWOT
 - Partnership currently going on
- Soldiers feel welcome
 - Community support
 - Ex-veteran retire ???
- Alpena – Grayling (mates too) partnership strength of one goes down then others are affected.
- Cell tower – AT&T donate tower, ANG donate land
- Hanson granted land not affected by BRAC
- ATFP anti-terrorism force protection
- Ammo and fuel
- Emergency response – deficient during peak times
- Grateful to have guard here
 - 9.2 tons of lead
 - Lead and brass abatement
 - Plastic/paper/glass
- Sustainability and recycling
- Future joint recycling

MEETING SIGN IN/ATTENDANCE SHEETS

Please find the following attendance rosters:

- Alpena Policy and Technical Committee
- Grayling Policy and Technical Committee
- Grayling Installation Tour
- Grayling Public Meeting



TETRA TECH, INC.

JOB Alpena PC + TC SHEET NO. _____
 SUBJECT _____ FILE NO. _____
 COMPUTED BY _____ DATE _____ CHK. BY _____ DATE _____

name

Org

Mike Groffowski

KRAKOW Township

Myron McIntire

U.O.H.

Julianne Heinlein

GLEC,

Scott Koproski

USFWS

Julie Lowe

MDEQ

SGM JAMES RYBA

Comp by Raylin's

SEAN THAYER

ADOT

Cody Werth

Wilson Twp.

Dawn Ford

Village of Hillman

Rob Pallorito

Otsego County

Devin Pallorito

State Rep. Triston Cole

KEN GLASSER

OTSEGO COUNTY

Lisa Kruse

Alpena CRTA

Brian Blumline

Alpena CRTC

Ken Robert

OSSINEKE Twp.

STEVE SMIGELSKI

ALPENA AIRPRT

Jim Kiarich

Alpena Chamber EDC

Nathan W. Skibbe

Alpena Township

Shelly Pinkelman

CRAWFORD County.

Dawn A

N&MCOB

Adam Pol

City of Alpena

Howard & Lumsden

Long Rapids Twp

Grayling DC + TIC

Name

Organization

DENISE MATTEINI

OTSEGO LR TWP

GARY NEUMANN

Supervisor - Louella Twp.

DAVE GILLAHAN

DMVIA

DAVE STEPHENSON

Crawford County Jail

Geo. Banker

Bear Lake Twp.

Joan Charlebois

DNR

Brian Blumline

Alpena CRTIC

JAY SWEAT

DOD-OEA

Shelly Pinkelman

Crawford County ^{Frederic} ~~Township~~

Ed & Nancy

Lyon Twp.

SCOTT THAYER

MDOT

MARC T. DEDENBACH

GRAYLING TOWNSHIP

William Johnson

FREDERIC TWP.

Theresa Brown

Dep Camp Grayling

JAMES RIBA

Ops SGM Grayling

Mike Ravesi

CG Environmental

KEN GLASSER

OTSEGO COUNTY COMM.

SFC Jeremie A Mead

Camp Grayling Community Relations

Patty O'Donnell

MDOT North Region

Abigail Eitel

Huron Pines

Kim Van Nunt

Beaver Creek

Julie Lowe

MDECP

RSVP for Tours

Alpena JTC - June 1

- ✓ 1. Adam Poll, Planning & Development Director, City of Alpena
- ✓ 2. Steve Smigelski, Alpena County Airport Manager
3. LTC Theresa Brown, Camp Grayling
4. SGM Ryba, Camp Grayling
5. SFC Jeremie Mead, Camp Grayling
- ✓ 6. Ken Lobert, Ossineke Township Supervisor
- ✓ 7. Matt Waligora, Mayor, City of Alpena
- ✓ 8. Scott Thayer, Michigan Department of Transportation
9. Brian Blumline, Capt, PE, MIANG
- ✓ 10. ~~Susan Thiel, MDNR~~
- ✓ 11. James Booth, Big Creek Township Supervisor
- ✓ 12. ~~Ken Glasser, Otsego County Board of Commissioners~~
- ✓ 13. Shelley Pinkelman, Frederic Township
- ✓ 14. Michael Grohowski, Krakow Twp Supervisor
- ✓ 15. Scott Koproski, US Fish & Wildlife Service
- ✓ 16. Matt McCauley, Networks Northwest
- ✓ 17. Nathan Skibee, Alpena Township Supervisor
18. Mark Ignash, MEDC
- ✓ 19. Dave Post, Hillman Village Manager
- ✓ 20. Myron McIntire, Hillman Village President
- ✓ 21. Julie Lowe, MDEQ
- ✓ 22. Rob Pallarito, Otsego County Commissioner
- ✓ 23. Denise Pallarito, Legislative Director for Representative Tristan Cole
24. ~~James Zakshesky, Posen Township Supervisor~~
25. Lisa Kruse, State Env. Quality Analyst, MI ANG – Alpena CRTC
- ✓ 26. Cody Werth, Wilson Township
- ? 27. Jeff Gray, Thunder Bay National Marine Sanctuary
- ✓ 28. ~~Howard Lumsden, Long Rapids Township~~
- * 29. Denise Cline, NEMCOG
- ✓ 30. Diane Rekowski, NEMCOG
- ✓ 31. Ethan Cline, NEMCOG Intern

32. *Julianne Neuhoff*

Alpena Issues Identification Session only (afternoon)

1. Jim Klarich, Target Alpena

Camp Grayling JMTC – June 5

- ✓ 1. Rob Pallarito, Otsego County Commissioner
- ✓ 2. Denise Pallarito, Legislative Director for Representative Tristan Cole
- ✓ 3. Kim VanNuck, Beaver Creek Township Supervisor
- ✓ 4. Ken Lobert, Ossineke Township Supervisor
- 5. Jay Sweat, Office of Economic Adjustment, US Department of Defense
- ✓ 6. Scott Thayer, Michigan Department of Transportation
- ✓ 7. George Banker, Bear Lake Township Supervisor
- 8. Marc Dedenbach, Grayling Township Planning Commission
- ✓ 9. Scott Kruger, Antrim County Commissioner
- ✓ 10. Denise Matteini, Otsego Lake Township
- ✓ 11. Margaret Black, Otsego Lake Township
- ✓ 12. Dave Stephenson, Crawford County Board Chair *interested*
- ✓ 13. Susan Thiel, MDNR
- 14. James Booth, Big Creek Township Supervisor
- ✓ 15. Ken Glasser, Otsego County Board of Commissioners
- 16. Shelley Pinkelman, Frederic Township
- ✓ 17. William Johnson, Frederic Township
- ✓ 18. William Curnalia, Higgins Township
- 19. Erich Podjaske, City of Grayling
- 20. Doug Baum, City of Grayling > CBR
- ✓ 21. Alayne Hansen, Michigan Works!
- ~~22. Matt McCauley, Networks Northwest~~
- ~~23. Nathan Skibee, Alpena Township Supervisor~~
- ~~24. Dave Post, Hillman Village Manager~~
- ~~25. Myron McIntire, Hillman Village President~~
- ~~26. Julie Lowe, MDEQ~~
- ~~27. Mary Sanders, Hayes Township Supervisor~~
- ✓ 28. Cody Werth, Wilson Township
- ✓ 29. Abigail Ertel, Huron Pines
- 30. Edward Nellist, Supervisor
- ✓ 31. Howard Lumsden, Long Rapids Township
- ~~32. Denise Cline, NEMCOG~~
- ✓ 33. Diane Rekowski, NEMCOG
- ~~34. Ethan Cline, NEMCOG Intern~~
- ✓ 35. Patty O'Donnell, MDOT North Region Planner

Juliana Newlin
Mike Ravasi - Camp Grayling Env. Office
Scott
Capt Blumline



TETRA TECH, INC.

Public

JOB _____ SHEET NO. _____
SUBJECT _____ FILE NO. _____
COMPUTED BY _____ DATE _____ CHK. BY _____ DATE _____

<u>Name</u>	<u>Organization</u>	<u>email</u>
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