

Glenda Wiles

From: Jeff Burrows
Sent: Tuesday, October 2, 2018 10:08 AM
To: Ravalli County Commissioners Office
Subject: FW: Subcommittee Meeting Call for Agenda Items!!
Attachments: Revised 5-Year Plan Goals_Objectives_Strategies.xlsx

Importance: High

From: Mark, Chuck -FS <cmark@fs.fed.us>
Sent: Monday, October 1, 2018 8:22 PM
To: Be Bear Award <bearinfo@cfwi.org>; ben_conard@fws.gov; Benson, Chad W -FS <cwbenson@fs.fed.us>; Cathey, Karen <karen_cathey@fws.gov>; grizz@umontana.edu; cmack@nezperce.org; Colleen Matt <colleenamatt@gmail.com>; Davis, Ellen -FS <ellendavis@fs.fed.us>; Domsalla, Ryan -FS <rdomsalla@fs.fed.us>; Erin Edge <EEDGE@defenders.org>; Farnsworth, Mary -FS <mfarnsworth@fs.fed.us>; Gale, Debra D -FS <ddgale@fs.fed.us>; Garcia, Timothy P -FS <tpgarcia@fs.fed.us>; Hammer, Mary L -FS <marylhammer@fs.fed.us>; Hilary Cooley <hilary_cooley@fws.gov>; bryon_holt@fws.gov; Jamie Jonkel <jajonkel@mt.gov>; Jeff Burrows <jburrows@rc.mt.gov>; Jennifer Fortin-Noreus <jennifer.fortin-noreus@mso.umt.edu>; Jerome Hansen <jerome.hansen@idfg.idaho.gov>; Jodi_Bush@fws.gov; Jonathon Proctor <jproctor@defenders.org>; kereybm@nezperce.org; Krieger, Karryl -FS <kkrieger@fs.fed.us>; Lannom, Keith -FS <klannom@fs.fed.us>; Allen, Lydia R -FS <lrallen@fs.fed.us>; marciec@nezperce.org; Mark, Chuck -FS <cmark@fs.fed.us>; McKay, Tod G -FS <tgmkay@fs.fed.us>; Mullen, Kit T -FS <kmullen@fs.fed.us>; steve.nadeau@idfg.idaho.gov; Probert, Cheryl -FS <cprobert@fs.fed.us>; Rau, Ralph E -FS <rerau@fs.fed.us>; Russell, Scott A -FS <sarussell@fs.fed.us>; Swanson, Lucas <lucas.swanson@idfg.idaho.gov>; Trulock, Craig P -FS <ctrulock@fs.fed.us>; vcrowser@mt.gov; Windsor, Michele A -FS <micheleawindsor@fs.fed.us>
Subject: Subcommittee Meeting Call for Agenda Items!!
Importance: High

Howdie! We're going to have our fall meeting at the Bitterroot NF Supervisor's Office next Tuesday. I'm proposing we start at 9:30 AM MST. Let me know if you have particular agenda items you would like to have discussed. A very draft agenda consists of: 2018 accomplishments; Forest Plan Components; Relisting of Yellowstone Ecosystem bears and future implications; and proposed 2019 program of work. Please let me know if you're attending and if so, in-person or calling in. Also attached is the 5-year plan for reference. Thanks, Chuck.



Charles A. Mark, CF
Forest Supervisor
Forest Service
Salmon-Challis National Forest

p: 208-756-5111
c: 208-303-8100
f: 208-756-5151
cmark@fs.fed.us

1206 South Challis Street
Salmon, ID 83467
www.fs.fed.us



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OVERARCHING

ISSUE #1: SOCIAL AND POLITICAL ENGAGEMENT

Goal #1: Increase public awareness of and support for grizzly bear recovery and delisting

Objectives	Strategies
Identify knowledge gaps and public concerns about recovery and delisting by 2019	Conduct baseline human dimensions research
Reduce knowledge gaps and increase public support for recovery and delisting by 20% over 2018 levels by 2022	Develop and implement outreach and education for target audiences.
	Engage opposed stakeholders in problem solving to address concerns
	Repeat human dimensions research in 2022 to measure progress

Goal #2: Increase political support and resources for IGBC member agencies in grizzly bear recovery and delisting

Objectives	Strategies
Obtain majority support among elected and appointed officials for grizzly bear recovery in all ecosystems by 2022.	Annually brief Congressional delegations and state legislators on progress toward recovery and delisting
	Keep governor's offices informed of progress toward recovery and delisting
	Include County Commissioners on Ecosystem Subcommittees
Increase funding committed to grizzly bear recovery and delisting by 10% over 2018 levels by 2022	Include additional resources needed in budget requests
	Explore opportunities with the National Fish and Wildlife Foundation and other non-profits
	Explore crowd-source funding

Goal #3:

Objectives	Strategies

ISSUE #2:

Goal #1: Increase public awareness of the importance of connectivity and support for m

Objectives	Strategies
Determine level of public awareness and support for connectivity in ID, MT, WA, and WY by 2019.	Conduct valid human dimensions research to quantify public knowledge and opinion.
Increase levels of public support for connectivity by \geq 20% over 2018 levels by 2022.	Develop outreach messages for appropriate target audiences
	Engage concerned citizens or interest groups in problem solving to increase support
	Repeat human dimensions research to document changes

Goal #2: Maintain or enhance connectivity within recovery zones to achieve occupancy s

Objectives	Strategies
Document and rank potential linkage zones between secure habitat areas in all recovery zones by 2019	Analyze the WAFWA CHAT
	Apply models (e.g. least-cost path)
	Analyze collared bear movement data
	Prioritize based on land ownership, development potential, existing or proposed infrastructure,...

	Develop a map of prioritized linkage zones that can be used by all parties to focus efforts
Secure connectivity in \geq 50% of priority linkage zones by 2022	Amend land use plans as needed
	Secure or facilitate conservation easements on private lands
	Work with state departments of transportation and rail roads to reduce barriers to movement and mortality

Goal #3: Maintain or enhance connectivity between recovery areas and with Canadian p

Objectives	Strategies
Renew IGBC Commitment to maintaining linkage in 2018	Update and renew signatures on linkage MOU
Document and rank potential linkage zones between recovery zones by 2019.	Analyze the WAFWA CHAT
	Apply models (e.g. least-cost path)
	Analyze collared bear movement data
	Prioritize based on land ownership, development potential, existing or proposed infrastructure,...
Secure connectivity in \geq 25% of priority linkage zones by 2022.	Amend land use plans as needed
	Secure conservation easements on private lands
	Work with state departments of transportation and rail roads to reduce barriers to movement and mortality
Renew the MOU between the IGBC and British Columbia	Update and renew signatures on linkage MOU

ISSUE #3: Human

Goal #1: Prevent food conditioning of grizzly bears

Objectives	Strategies
Implement effective food storage requirements on all public lands within designated grizzly bear range by	Identify remaining public lands without food storage requirements

2022	Use agency rule making or other authorities to adopt enforceable food storage requirements
	Provide public outreach on the importance of proper food storage
	Enforce food storage requirements
Reduce anthropogenic food sources available to grizzly bears on private lands by 50% from 2018 levels by 2022	Inventory anthropogenic food sources in 2018
	Work with landowners, agricultural groups, communities, waste management industry, and others to eliminate anthropogenic food sources.
Increase the availability of bear-resistant food storage containers annually.	Maintain the bear-resistant container testing and certification program in partnership with the Grizzly Wolf Discovery Center
Reduce livestock depredation by 50% from 2018 levels by 2022	Work with landowners, ranching and agricultural groups and conservation NGOs to identify problem areas.
	Promote use of electric fences, aversive conditioning, carcass collection, and changes in livestock management to reduce depredation

Goal #2: Reduce human injury and bear mortality related to conflicts

Objectives	Strategies
Increase public awareness of expanding grizzly bear distribution and reasonable steps to promote coexistence by 20% over 2018 levels by 2022	Conduct human dimensions research to identify public awareness of bear distribution and means to promote coexistence
	Develop and implement outreach that targets identified audiences and issues to increase awareness
	Repeat human dimensions research in 2022 to measure progress
Increase the proportion of hunters, hikers, and outdoor recreationists that carry bear spray by 50% over 2018	Conduct human dimensions research to identify rates of use of bear spray and barriers to use

levels by 2022	Develop and implement outreach that targets identified audiences and issues to increase use of bear spray
	Repeat human dimensions research in 2022 to measure progress

ISSUE #4: MOTORIZE

Goal #1: Implement consistent, science-based motorized access management across all

Objectives	Strategies
Review the status of access management, including "gaps" or inconsistencies in all recovery zones by 2019	Collect and analyze information from all land management agencies
Resolve inconsistencies and eliminate any gaps by 2022	Amend land use plan or access management standards as necessary

Goal #2: Increase public understanding of the importance and acceptability of access ma

Objectives	Strategies
Identify the levels of public understanding and acceptability of access management standards by 2019	Conduct human dimensions research into public understanding and acceptability of access management standards in ID, MT, WA, and WY
Increase public understanding and acceptability of access management by 25% over 2018 levels by 2022	Develop and implement outreach that targets identified audiences and issues to increase understanding and acceptability
	Repeat human dimensions research in 2022 to measure impact

Goal #3: Improve understanding of the effects of motorized access on bear distribution & abundance

Objectives	Strategies

ISSUE #5: INFORMATION NEEDS

Goal #1: Improve the accuracy and precision of population size and trend monitoring

Objectives	Strategies

Goal #2: Improve understanding of grizzly bear habitat requirements

Objectives	Strategies

ISSUE #6: FUTURE DIRECTIONS

Goal #1: Update the recovery plan

Objectives	Strategies
Review overall recovery plan and recovery criteria for listed ecosystems by 12/31/2018	Form review team with assignment to identify changes in recovery plan, recovery criteria, etc. based on current best available science

	Complete review and develop recommendations for changes
Implement appropriate changes to recovery plan by 7/31/ 2020	Evaluate recommendations and propose changes
	Gather public input on proposed changes
	Review public comments
	Finalize changes to Recovery Plan

Goal #2: Increase emphasis on recovery in Cabinet-Yaak, Selkirk, North Cascades and Bit

Objectives	Strategies
Hold at least one summer meeting in each ecosystem by 2021	Schedule meetings in appropriate locations
Increase the proportion of each meeting dedicated to these ecosystems to \geq 50% by 2020	Focus agenda development and discussion on these ecosystems
	Limit discussion on Yellowstone to brief updates on implementation of the Conservation Strategy or litigation
Obtain funding for recovery actions in these ecosystems.	Identify ecosystem specific needs that recognize the biology of grizzly bear population growth and corresponding timelines for success.

CHING ISSUES

ELEMENTS OF GRIZZLY BEAR RECOVERY		
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Indicators	Responsibility	Comments
Research completed; baseline values established	FWS Recovery Coordinator in cooperation with I&E and Ecosystem Subcommittees	Research design should build on surveys done in the NC in 2004 and the CY in 2008 and address multiple HD information needs
Audiences identified; messages created; communications plans developed and implemented		
Number of opposed stakeholders engaged in specific problem-solving		
Research completed; new values determined; analysis of impact completed		
ar recovery and delisting		
Indicators	Responsibility	Comments
Resolutions or letters of support from legislators	Executive Committee	
Letters of support from Governors	State agency directors	
Number of County Commissioners sitting on subcommittees	Ecosystem Subcommittees	
Funding levels	Executive Committee	
External funds raised		
External funds raised	I&E Subcommittee	

Indicators	Responsibility	Comments

CONNECTIVITY

Maintaining linkage zones

Indicators	Responsibility	Comments
Research completed; baseline values established	FWS Recovery Coordinator, I&E and Ecosystem Subcommittees	Research design should build on surveys done in the NC in 2004 and the CY in 2008 and address multiple HD information needs
Audiences identified; messaged created; communication plans developed and implemented		
Number of citizens and interest groups engaged in problem solving		
Research completed; changes in values determined; analysis of impact completed		

Standards.

Indicators	Responsibility	Comments
Connectivity and linkage zones mapped for all ecosystems	FWS Recovery Coordinator, in cooperation with Ecosystem Subcommittees	

Land use plans amended	Federal, tribal and state land management agencies
Easements acquired	IGBC member agencies in cooperation with NGOs
Barriers mitigated/removed; documented crossings; bear mortalities	Ecosystem subcommittees

populations to provide effective two-way genetic exchange.

Indicators	Responsibility	Comments
Updated MOU signed	Executive Committee	
Connectivity and linkage zones mapped for all ecosystems	FWS Recovery Coordinator, in cooperation with Ecosystem Subcommittees	
Land use plans amended	Federal, tribal and state land management agencies	
Acres under easement	IGBC member agencies	
Barriers mitigated/removed; documented crossings; bear mortalities	Ecosystem subcommittees	
Updated MOU signed	Executive Committee	

n-Grizzly Bear Conflict

Indicators	Responsibility	Comments
Lands identified	Ecosystem Subcommittees	

Acres added	
Number of contacts made	
Compliance levels	
Number of sources identified	Ecosystem Subcommittees
Number of sources eliminated	
Number of products certified	Executive Committee
Number of areas identified	Ecosystem Subcommittees
Number of depredations; number of management removals	

Indicators	Responsibility	Comments
Research completed; baseline values established	FWS Recovery Coordinator, I&E and Ecosystem Subcommittees	Research design should build on surveys done in the NC in 2004 and the CY in 2008 and address multiple HD information needs
Audiences identified; messaged created; communication plans developed and implemented		
Research completed; new values determined; analysis of impact completed		
Research completed; baseline values established	FWS Recovery Coordinator, I&E and Ecosystem Subcommittees	

Audiences identified; messaged created; communication plans developed and implemented	
Research completed; new values determined; analysis of impact completed	

HD ACCESS MANAGEMENT

recovery zones

Indicators	Responsibility	Comments
Gaps and inconsistencies identified in all ecosystems	FWS Recovery Coordinator	
Gaps and inconsistencies eliminated in all ecosystems	Federal, state and tribal land management agencies	

management

Indicators	Responsibility	Comments
Research completed; baseline values established	FWS Recovery Coordinator in cooperation with Ecosystem Subcommittees	Research design should build on surveys done in the NC in 2004 and the CY in 2008 and address multiple HD information needs
Audiences identified; messaged created; communication plans developed and implemented		
Research completed; new values determined; analysis of impact completed		

and mortality to inform management

Indicators	Responsibility	Comments

DS FOR ADAPTIVE MANAGEMENT

Indicators	Responsibility	Comments

Indicators	Responsibility	Comments

N FOR RECOVERY AND DELISTING

Indicators	Responsibility	Comments
Team formed	Executive Committee	

Review complete; recommendations made	Review Team
Decisions made on recommendations	FWS in consultation with Executive Committee
Public input gathered	
Public input analyzed	
Final changes incorporated	

terroot Ecosystems

Indicators	Responsibility	Comments
Meetings held in these ecosystems	Executive Committee and ecosystem Subcommittees	
Time spent during meetings on these ecosystems		
Time spent during meetings discussing Yellowstone ecosystem		
Funding and other resources available for recovery efforts		