

Mitigation Goals, Actions, and Ranking Criteria

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Note: In response to stakeholder comments concerning the term “residual impact,” the term “unavoidable” has been added since the September 2015 workshops.



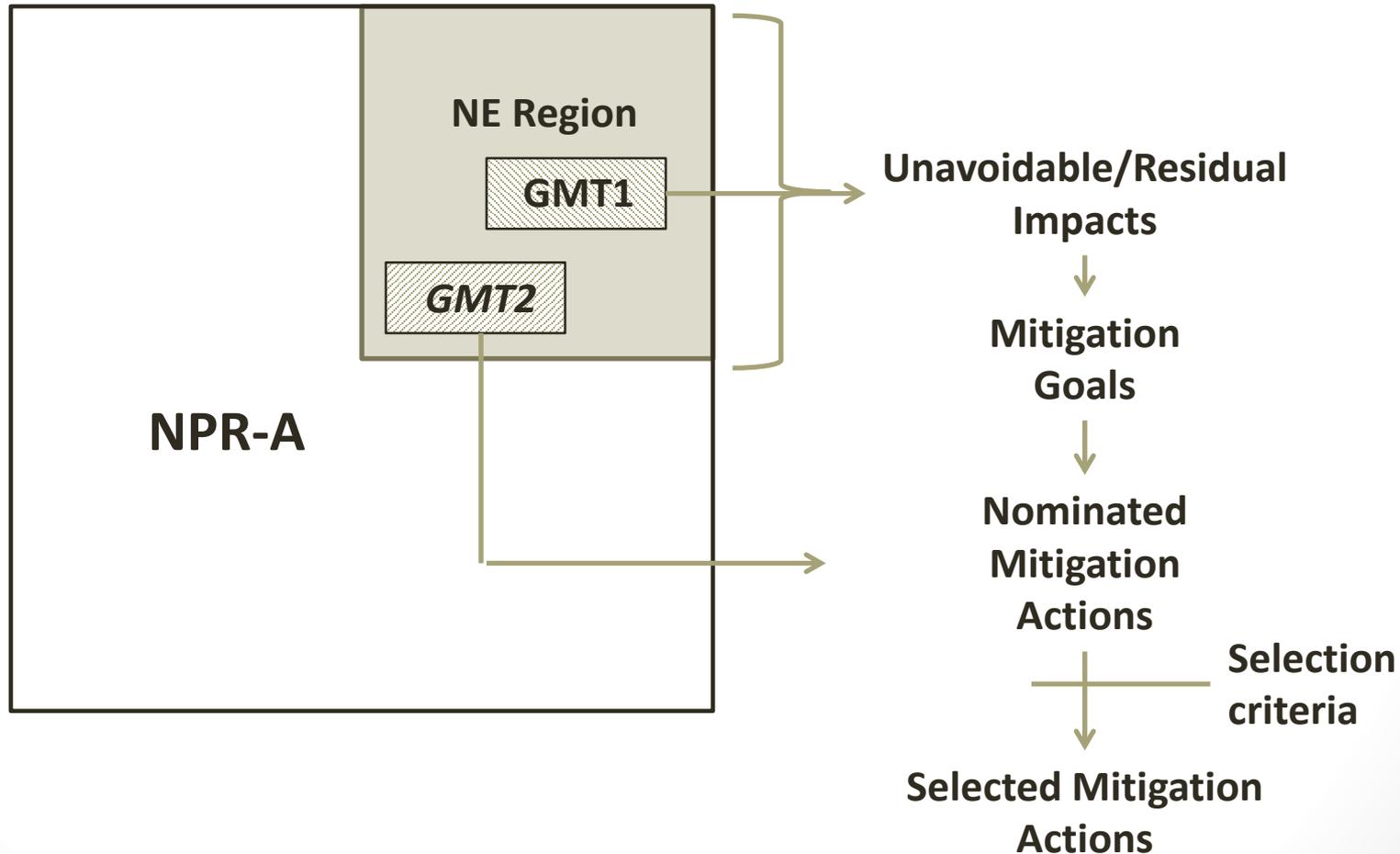
Topics

What should we do about the unavoidable/residual impacts?

- What are we trying to achieve with compensatory mitigation (goals)?
- What should we do (mitigation actions)?
- What should we do first, second, third, etc. (ranking criteria)?



Relationship between Northeast NPR-A Regional Mitigation Strategy and GMT1 Compensatory Mitigation Plan



Regional Mitigation Goals

- Preliminary list
- Small Group Discussion:
 - *Add, drop, or combine goals?*
 - *Modify the wording?*



Preliminary Regional Mitigation Goals

- Maintain functioning habitat necessary to sustain fish and wildlife species abundance and distribution
- Ensure continued access to subsistence use areas in areas with important ecological or cultural significance
- Contribute to the cleanup of previously disturbed sites that pre-date the production phase of NPR-A development
- Protect the health and safety of the people living and working in the region
- Protect cultural and paleontological resources, and areas of cultural significance
- Protect and restore existing culture and cultural landscape
- Protect and enhance quality of life in the communities in and around the NPR-A



Small Group Discussion

- Mitigation Goals
 - *Add or drop goals?*
 - *Modify the wording?*



Topics

What should we do about the unavoidable/residual impacts?

- What are we trying to achieve with compensatory mitigation (goals)?
- **What should we do (mitigation actions)?**
- What should we do first, second, third, etc. (ranking criteria)?



Mitigation Actions

- Preliminary list and how it was created
- Small Group Discussion



Sources of preliminary mitigation actions

- GMT-1 Supplemental Environmental Impact Statement (SEIS)
- NPR-A Educational Forum and Process Design Workshop held March 31-April 1, 2015 in Fairbanks
- BLM-Community of Nuiqsut Regional Mitigation Strategy for Northeast NPR-A Meeting held May 30, 2015 in Nuiqsut
- Nuiqsut Tribal Council Resolution 2015-03



Preliminary List of Mitigation Actions

Partial list – Please see hand-out for complete list

Source	Proposed Action	Mitigation Goal						
		Maintain functioning habitat	Access to subsistence use areas	Cleanup of previously disturbed sites	Human health & safety	Protect cultural and paleontological resources	Protect and restore existing culture & cultural landscape	Improve the Community and the quality of life
1	Establishment of conservation easements or leases on Kuukpik Corporation lands along Fish Creek, or other areas with critical environmental, subsistence, or cultural significance	X	X			X	X	
F	Durable protection (e.g. conservation easement, right-of-way, buffer) of high value habitat or movement corridors	X	X				X	



Small Group Discussion

- Mitigation Actions
 - Additional actions that compensate for unavoidable impacts from future development enabled or assisted by the existence of GMT-1.
 - Thoughts on process – how to collect additional ideas on actions.



Topics

What should we do about the unavoidable/residual impacts?

- What are we trying to achieve with compensatory mitigation (goals)?
- What should we do (mitigation actions)?
- **What should we do first, second, third, etc. (ranking criteria)?**



Criteria for ranking the proposed actions

- Preliminary criteria and where they came from
- Small Group Discussion:
 - *Add, drop or reword criteria?*
 - *Importance?*



Preliminary Ranking Criteria

Relationship to Impacts

1. How do stakeholders rate the importance of the impact the proposed action seeks to mitigate?
2. Will the proposed action mitigate more than one impact? If so, which others, and how important are they to the stakeholders?
3. To what degree is there a nexus between the proposed mitigation action and unavoidable/residual impacts of oil and gas development in northeast NPR-A?



Preliminary Ranking Criteria

Feasibility & Effectiveness

4. To what degree will the proposed action mitigate the impact(s)?
5. Is the proposed action feasible?
6. What is the relative risk that the mitigation action might fail? Is the risk acceptable?



Preliminary Ranking Criteria

Durability and 'Additionality'

7. How durable is the outcome (i.e. what will remain when the funds run out and what outside forces threaten long-term success)?
8. Is the proposed action additive (i.e. something that would otherwise not get done by the BLM or some other entity)?



Preliminary Ranking Criteria

Proximity

9. Is the proposed location for the mitigation action sufficiently close to the area affected by the development?

Unique Characteristics

10. Are there unique characteristics associated with the proposed action that are not addressed by other criteria (e.g. unique/valuable resources or features, unique species assemblages)?



Small Group Discussion

- Ranking Criteria
 - *Add, drop or reword criteria?*
 - *Importance?*

