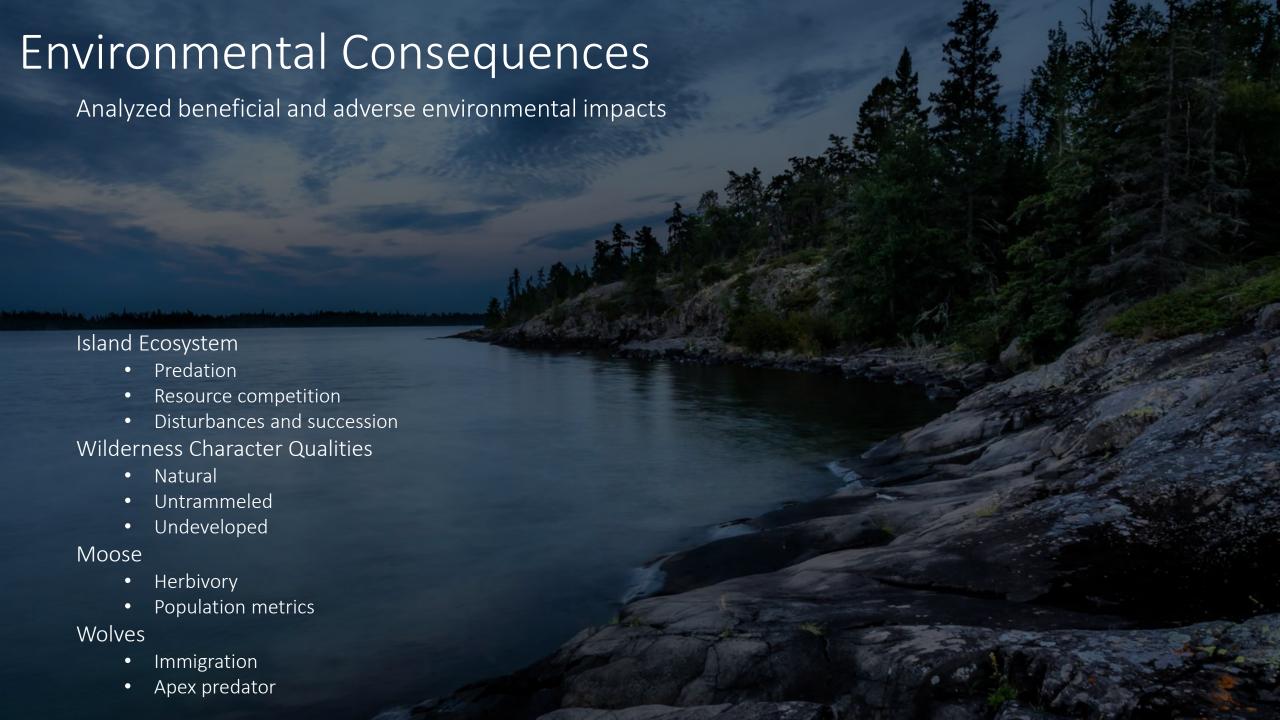






Alternative Actions

| | A No Action | B Immediate Limited Introduction Preferred Alternative | C Immediate Introduction with Potential Supplemental Introductions | D No Immediate Action, with Allowance for Future Action |
|----------------------------|----------------|--|--|---|
| Wolf Introduction | No | Yes | Yes | Yes |
| Release Number Duration | N/A | Once Up to 3 years, possibly 2 | Multiple Over 20 years | Same as C |
| Founding Wolves | N/A | 20-30 | 6-15 | Same as C |
| Wolf Supplementation | N/A | If unforeseen events occur (i.e., disease or mortality) | As needed | Same as C |
| Release Location | N/A | Simultaneous packs across island to minimize conflict | Same as B Supplemental release away from established packs | Same as C |





Environmental Consequences Alternative B 20–30 wolves over 3 years

Wolves

- Maximize genetic diversity
- Delay future inbreeding

Moose

• Maintain overabundance

Island Ecosystem

• Restore predator-prey dynamics, decrease competition and herbivory, retain vegetation (i.e., forest)

Wilderness Character Qualities

Intentional manipulation of biophysical environment

Environmental Consequences Alternative C

6–15 wolves over 20 years

Wolves

- Initial low genetic diversity
- Supplemental releases away from established packs minimizing conflict

Moose

Maintain overabundance

Island Ecosystem

• Restore predation, decrease competition and herbivory, retain vegetation

Wilderness Character Qualities

• Intentional manipulation of biophysical environment

Environmental Consequences Alternative D

No Immediate Action – Future Allowed

Wolves

- No Immediate Extirpated
- Future Action 6-15 individuals

Moose

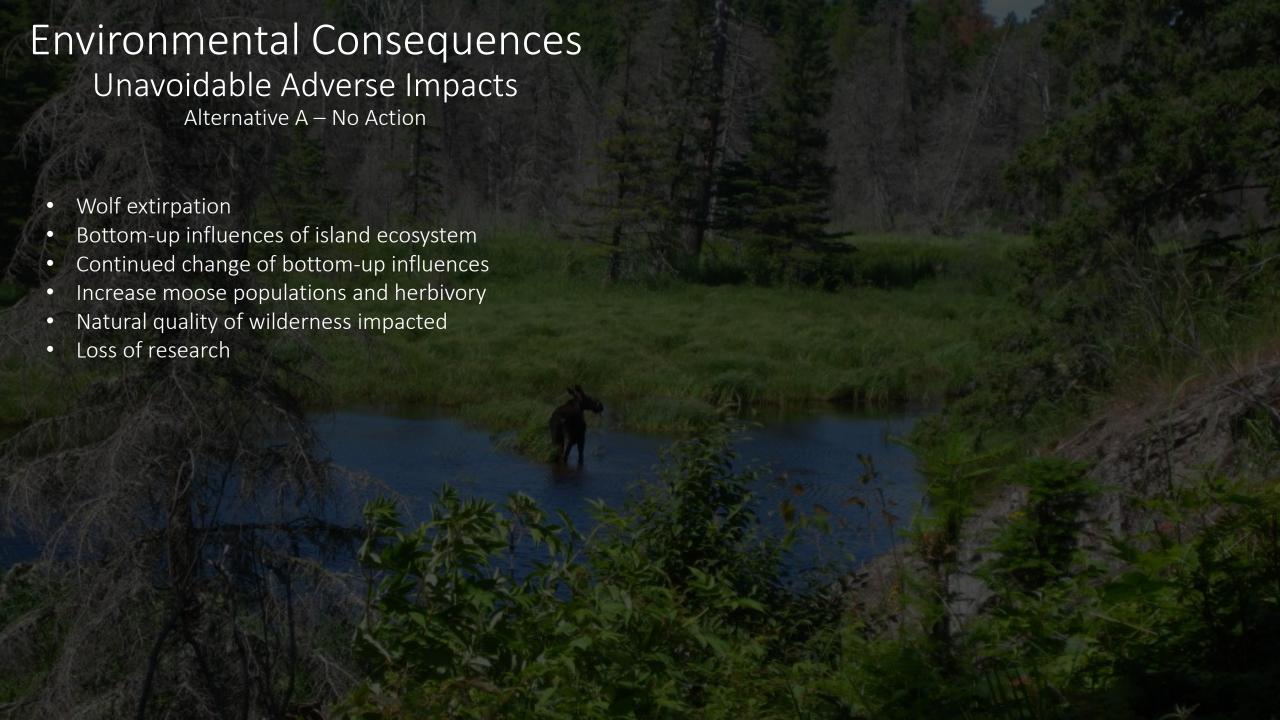
- No Immediate Populations fluctuate; bottom-up control
- Future Action Moose metrics
 - ≥ 1,500-1,800
 - Growth rate > 15%
 - Moose calf recruitment >15% and twins observed >5 pairs
 - No natural emigration via ice bridge

Island Ecosystem

- No Immediate Decrease predation, increase competition, and deplete resources
- Future Action Restore predation, decrease competition and herbivory, retained vegetation

Wilderness Character Qualities

Intentional manipulation of biophysical environment



Environmental Consequences

Unavoidable Adverse Impacts

Alternative B, C, and D – Action



B, C, and D

- Direct manipulation of species and predator-prey dynamic impacting untrammeled wilderness
- Aircraft transportation impacting undeveloped wilderness
- Monitoring activities to manage wolves and use of radio collars impacts untrammeled wilderness long-term

| | Α | В | С | D | |
|---------------------------|-----------|-----------|----------------------------------|--------------|---------------|
| | No Action | Immediate | Immediate Potential Supplemental | No Immediate | Future Action |
| Predation | \ | ↑ | ↑ | V | ↑ |
| Competition | ↑ | \ | \ | ↑ | \ |
| Disturbance Succession | \ | ↑ | 1 | \ | 1 |
| Natural | V | ↑ | ↑ | V | ↑ |
| Untrammeled | | \ | \ | 7 11-1-11 | \ |
| Undeveloped | - 6 | 1 | 4 | - 6 | 1 |
| Moose | 1 | 1 | + | 1 | + |
| Wolves | V | ↑ | 1 | \ | 1 |

