

Appendix C: Student Worksheet L3-C

National Park Service

Criteria and Constraints

(Adapted from their [Environmental Impact Statement](#))

***Please note that links may connect you with an English language site. Please use your web-browsers translation services to translate. ***

Criteria

Criterion	0	1	2
Stabilize moose population	Moose population would likely increase, followed by a large-scale starvation event.	Moose population continues to fluctuate at current rates but does not increase to the point of collapse.	Reduce and stabilize the fluctuations of the moose population.
Stabilize wolf population	Wolf reproduction would be unlikely because of low genetic diversity and inbreeding. Original population of wolves likely to disappear.	Small numbers of introduced wolves would result in a lower genetic diversity in the short term.	Island wolf numbers increase quickly. Genetic variation increases quickly.
Maintain the untouched wilderness character of the island (no human technology, machinery, etc.)	The wilderness character of the island will be impacted.	If action occurred, the wilderness character of the island would be impacted.	Little to no impact to wilderness character. Remains "untouched."
Other:			

Constraints

Constraint	Yes	No
Stabilizes the island ecosystem, improving resiliency		
Retains forest components (trees do not get over browsed)		
Other:		