

Table 1

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
1. Promote a conservation ethic in the general public			X	what is a conservation ethic, Should the NAWMP consider this...?	
2. Maximize waterfowl harvest			X		
3. Maximize hunter satisfaction			X		
4. Promote non-consumptive uses of waterfowl			X		
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity		X			BPOP, Duck use days, energetic supply to meet demand, BPOP density measure,
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes			X		
7. Expand the sources and amount of funding for waterfowl conservation activities			X		
8. Perpetuate the tradition of waterfowling		X		? Needs to be redefined; How do you define tradition should be PERPETUATE WATERFOWL	# active waterfowl hunters (HIP), duck stamp sales,
9. Minimize harvest of under-abundant waterfowl species			X		
10. Minimize loss and degradation of wetlands and associated uplands			X		
11. Provide more public hunting opportunities			X		
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)			X		
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters			X	separate simple and compliance	
14. Maintain healthy waterfowl populations as part of the North American fauna		X		?defining healthy	BPOP, Population surveys...
15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl			X	objective or a product of habitat management; services for ducks or people; ? Is it relevant; identify E & GS derived from habitat that are meeting waterfowl; ancillary benefit from waterfowl management objectives	
16. Increase public support for waterfowl conservation			X	? Could be fundamental (maintain versus increase), maximize versus maintain	
17. Increase waterfowl hunter participation	SAME at 8 above			maintain hunter populations at some level (fundamental) SAME AS REWORDING OF 8	
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.	SAME as 14 above			see 14	

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
19. Increase and improve duck breeding habitat			X	what does increase mean? In the current context	
20. Ensure cooperation among jurisdictions (state, flyway, partners, etc.).			X	fundamental in a sense... collaboration instead of cooperation	
21. Increase and improve duck wintering habitat			X		
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation			X		
23. Provide maximum hunting opportunity.			X		Days or places
24. Maintain the social license to hunt		X			# of people that support hunting, # of lawsuits
25. Increase duck recruitment			X		
26. Increase and improve duck migration habitat			X		
27. Reduce mortality from disease and contaminants			X		
28. Maintain a broad fall and winter distribution of waterfowl			X		
29. Establish the infrastructure needed to ensure coherence in waterfowl management			X		
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions			X		
31. Increase hunter education and communications efforts			X		
DID NOT HAVE TIME TO DISCUSS OMISSIONS...					

Table 2

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
1. Promote a conservation ethic in the general public			X		human dimensions efforts, advocacy & funding, measure participation in local conservation programs
2. Maximize waterfowl harvest			X	ADD "LONG TERM"	harvest surveys
3. Maximize hunter satisfaction			X		human dimensions surveys NADH Survey
4. Promote non-consumptive uses of waterfowl			X	Change promote to sustain	HUMAN DIMENSIONS USER visitation trends.
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity		X		add "and enhance"	
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes			X		increased funding of research of ecological mechanisms driving. Publication of research results
7. Expand the sources and amount of funding for waterfowl conservation activities			X		membership in conservation organization, increased dollars, new grants, congressional appropriations.
8. Perpetuate the tradition of waterfowling		X		"HERITAGE" OVER TRADITIONS...	
9. Minimize harvest of under-abundant waterfowl species			X		population & harvest surveys, improved population modeling, derived vs strategic.
10. Minimize loss and degradation of wetlands and associated uplands			X		net landscape change, age range change. Maintain WRP program, NRCS, increases of functional wetlands, research & monitoring
11. Provide more public hunting opportunities			X		more areas open to public hunting
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)			X	add "waterfowl" populations	less depredation complaints from farmers, agencies.
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters			X		
14. Maintain healthy waterfowl populations as part of the North American fauna		X		Add "restore & maintain"	BREEDING POPULATION SURVEY (CONTINENTAL) - IF "PART OF NA FAUNA" IS INCLUDED - IT PRESENTS A MUCH BIGGER CHALLENGE TO MONITORING - DOES NOT ACKNOWLEDGE THE ISSUES OF DISTRIBUTION

15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl			X		
16. Increase public support for waterfowl conservation			X		
17. Increase waterfowl hunter participation			X		
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.			X	COMBINE WITH #14	
19. Increase and improve duck breeding habitat			X		
20. Ensure cooperation among jurisdictions (state, federal, flyway, partners, etc.).		X	X	COMBINE 20 & 22	
21. Increase and improve duck wintering habitat			X		
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation		X			
23. Provide maximum hunting opportunity			X		
24. Maintain the social license to hunt			X		
25. Increase duck recruitment			X		
26. Increase and improve duck migration habitat			X		
27. Reduce mortality from disease and contaminants			X		
28. Maintain a broad fall and winter distribution of waterfowl			X		
29. Establish the infrastructure needed to ensure coherence in waterfowl management			X		
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions			X		
31. Increase hunter education and communications efforts			X	delete this one	
32. improve overall communication effort for the fundamental objectives			X	added this one	
33. engage private landowners in landscape conservation			X	Combine with 32; Need a specific one for private landowners	

Table 3

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
1. Promote a conservation ethic in the general public	2		1	this should probably be viewed more as an outcome	
2. Maximize waterfowl harvest	X			not well defined - is it maximum over time or what? Level of harvest will be a metric but not an objective	
3. Maximize hunter satisfaction	X			this again is an issue of definition - a metric rather than an objective	
4. Promote non-consumptive uses of waterfowl		X	X	reword to "Support" nonconsumptive uses - a means to get to healthy populations and waterfowl landscapes	Combine with #8
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity		X			
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes	X		X	Perhaps could be viewed as an action	
7. Expand the sources and amount of funding for waterfowl conservation activities			X		
8. Perpetuate the tradition of waterfowling		X	X	Change to "preserve the tradition" - question whether this is a means to get to landscapes ... Perpetuate the tradition of waterfowling and nonconsumptive uses ...	
9. Minimize harvest of under-abundant waterfowl species			X	? Should this be "declining" species - not an annual measure	
10. Minimize loss and degradation of wetlands and associated uplands			X	could be a means to ecosystem health	
11. Provide more public hunting opportunities			X	omit "more" - a means to #8	
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)			X	a means to healthy populations	
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters			X	a means to preserving the tradition	
14. Maintain healthy waterfowl populations as part of the North American fauna		X			

15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl	X			"maximize" may be a word to edit - may be an outcome from an effective NA Plan - not unlike #1	
16. Increase public support for waterfowl conservation			X		
17. Increase waterfowl hunter participation			X		
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.			X	a means, or a restatement of #14	
19. Increase and improve duck breeding habitat			X	a means to #5 (question about "increase and improve")	
20. Ensure cooperation among jurisdictions (state, flyway, partners etc.).			X	a means to populations and landscapes	
21. Increase and improve duck wintering habitat			X		
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation			X		
23. Provide maximum hunting opportunity.			X		
24. Maintain the social license to hunt			X	this needs definition	
25. Increase duck recruitment			X	a means to #14	
26. Increase and improve duck migration habitat			X		
27. Reduce mortality from disease and contaminants			X		
28. Maintain a broad fall and winter distribution of waterfowl	X			an outcome of having redundant habitat	
29. Establish the infrastructure needed to ensure coherence in waterfowl management			X	"Realign the infrastructure..."	
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions	X			"the broad aspects of human dimensions" - an action to get to public support, infrastructure	
31. Increase hunter education and communications efforts	X			an action	
32					
33					

Table 4

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Fundamental Objective	Means Objective	Not an Objective		
1. Promote a conservation ethic in the general public		X			
2. Maximize waterfowl harvest		X			
3. Maximize hunter satisfaction		X			
4. Promote non-consumptive uses of waterfowl		X			
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity	X	X			
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes		X			
7. Expand the sources and amount of funding for waterfowl conservation activities			X		
8. Perpetuate the tradition of waterfowling	X	X		Sustain or increase traditional uses of waterfowl.	
9. Minimize harvest of under-abundant waterfowl species		X			
10. Minimize loss and degradation of wetlands and associated uplands		X			
11. Provide more public hunting opportunities		X			
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)		X			
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters		X		Maintain/establish regulations that are simple and will lead to high compliance rates and greater participation by hunters.	
14. Maintain healthy waterfowl populations as part of the North American fauna	X	X			
15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl		X		Optimize ecological goods and services derived from wetlands and associated uplands managed for waterfowl.	
16. Increase public support for waterfowl conservation		X			
17. Increase waterfowl hunter participation		X			
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.	X			(it was felt that this was a subset of #14)	
19. Increase and improve duck breeding habitat		X			

20. Ensure cooperation among jurisdictions (state, flyway, partners, etc.).		X			
21. Increase and improve duck wintering habitat		X			
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation		X			
23. Provide maximum hunting opportunity.		X			
24. Maintain the social license to hunt		X			
25. Increase duck recruitment		X			
26. Increase and improve duck migration habitat		X			
27. Reduce mortality from disease and contaminants		X			
28. Maintain a broad fall and winter distribution of waterfowl		X			
29. Establish the infrastructure needed to ensure coherence in waterfowl management		X			
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions		X			
31. Increase hunter education and communications efforts		X			
Communicate to public about ecological goods and services of waterfowl habitats					
Create a larger pool of informed citizens who support waterfowl conservation					
35					
36					
37					
38					
39					

Table 5

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
1. Promote a conservation ethic in the general public	X			Remove "in general public"	
2. Maximize waterfowl harvest			X	optimize not "maximize"	
3. Maximize hunter satisfaction			X	optimize not "maximize"	
4. Promote non-consumptive uses of waterfowl			X		increase in # birdwatchers, visitor use days on public areas
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity		X		Maintain landscapes capable of sustaining healthy waterfowl populations in perpetuity	
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes			X		
7. Expand the sources and amount of funding for waterfowl conservation activities			X	Identify the sources and amount of funding for waterfowl conservation activities	greater diversity of funding sources, expand application of federal excise taxes
8. Perpetuate the tradition of waterfowling		X		Perpetuate waterfowling	# of duck stamps,
9. Minimize harvest of under-abundant waterfowl species	X				
10. Minimize loss and degradation of wetlands and associated uplands			X		landscape monitoring, extent and function
11. Provide more public hunting opportunities			X		days in field, acres available for public hunting, distance to public hunting opportunity
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)			X		
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters			X		increased compliance rates, low annual change in regs,
14. Maintain healthy waterfowl populations as part of the North American fauna		X		possibly combine with #5	
15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl		X		remove Maximize, use maintain	water quality, shoreline , see non-consumptive use rates, healthy populations of non-waterfowl
16. Increase public support for waterfowl conservation			X		
17. Increase waterfowl hunter participation			X		
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.		X			

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
19. Increase and improve duck breeding habitat			X		
20. Ensure cooperation among jurisdictions (state, flyway, partners, etc.).			X	Promote or improve instead of ensure	
21. Increase and improve duck wintering habitat			X		
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation			X	22. Maximize the efficiency and effectiveness of funding for waterfowl conservation	
23. Provide maximum hunting opportunity.	X				
24. Maintain the social license to hunt		X			
25. Increase duck recruitment			X	Combine 19,21,25,26,	increased recruitment rates
26. Increase and improve duck migration habitat			X		
27. Reduce mortality from disease and contaminants			X		
28. Maintain a broad fall and winter distribution of waterfowl	?		?		
29. Establish the infrastructure needed to ensure coherence in waterfowl management	X				
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions	X				
31. Increase hunter education and communications efforts			X		
32. Increase Public support and funding of NAWMP			X		
33. Include explicit considerations of Climate Change in waterfowl population and habitat strategies and models			x		
34					
35					
36					

Table 6

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
1. Promote a conservation ethic in the general public			x	Hung up on the word "ethic".	
2. Maximize waterfowl harvest			x	Need to be cautious about using "minimize" and "maximize". Is this what we really want? Don't think so.	
3. Maximize hunter satisfaction			x		
4. Promote non-consumptive uses of waterfowl			x		
5. Maintain landscapes capable of sustaining waterfowl populations in perpetuity		x		Question is definition of "sustaining." Need a better definition of what those "waterfowl populations" objective levels are. Key consideration is connection between this objective and number 14.	Depends on/specific to wintering, migration or breeding habitats. Has to be landscape specific.
6. Increase the understanding of ecological mechanisms driving changes in waterfowl abundance and waterfowl landscapes			x		
7. Expand the sources and amount of funding for waterfowl conservation activities			x		
8. Perpetuate the tradition of waterfowling		x		Perpetuate "and secure" the tradition	Duck stamp sales, number of waterfowl hunters, HIP registrations, proportion of general public who supports waterfowl hunting, outreach events
9. Minimize harvest of under-abundant waterfowl species			x		
10. Minimize loss and degradation of wetlands and associated uplands			x		
11. Provide more public hunting opportunities			x		
12. Minimize the detrimental effects of over-abundant populations (e.g. depredation, habitat destruction)			x		
13. Maintain/establish regulations that are simple and will lead to high compliance rates among hunters			x		
14. Maintain healthy waterfowl populations as part of the North American fauna		x		Question of what "healthy" means	Trends in breeding populations (BPOP), status of species of interest
15. Maximize ecological goods and services derived from wetlands and associated uplands managed for waterfowl			x	Will be an important consideration--connects to other objectives	
16. Increase public support for waterfowl conservation			x		
17. Increase waterfowl hunter participation			x		
18. Ensure that no species of waterfowl falls below population levels necessary for long-term viability.			x		

	Check one category for each row			Suggestions for rewording objectives	Measureable Attributes
	Not an Objective	Fundamental Objective	Means Objective		
19. Increase and improve duck breeding habitat			x		
20. Ensure cooperation among jurisdictions (state, flyway, partners, etc.).			x		
21. Increase and improve duck wintering habitat			x		
22. Maximize the efficiency and effectiveness of the infrastructure and funding for waterfowl conservation			x		
23. Provide maximum hunting opportunity.			x		
24. Maintain the social license to hunt			x		
25. Increase duck recruitment			x		
26. Increase and improve duck migration habitat			x		
27. Reduce mortality from disease and contaminants			x		
28. Maintain a broad fall and winter distribution of waterfowl			x		
29. Establish the infrastructure needed to ensure coherence in waterfowl management			x		
30. Formalize the institutions needed to incorporate human dimensions into waterfowl management decisions			x	strike "the institutions needed to" . . . Say "incorporation of human . . ."	
31. Increase hunter education and communications efforts			x		
32					
33					
34					
35					
36					