

RC 12

Submitted by Alaska Department of Fish and Game at the request of Board Member Van Daele

Record copies regarding Copper Basin Community Subsistence Hunt questionnaires, detailed explanation of questions, proposed scoring criteria, matrix of scores, and weighting of scores.

Originally submitted for the February 2015 Board of Game Central/Southwest meeting.

Contents:

RC 16: Coordinator questionnaire [2015], explanation, and proposed scoring

RC 17: Household questionnaire [2015], explanation, and proposed scoring

RC 18: Matrix of potential measures [2015] for scoring of Copper Basin Community Subsistence Hunt reports

RC 19: Substitute language for 2015 Proposal 71, showing weighting of scoring.

COORDINATOR COMMUNITY HARVEST REPORT - MOOSE

GROUP NUMBER:

This section of the harvest report must be filled out by the community coordinator and returned to ADF&G, accompanied by individual household surveys. This reporting form asks questions relevant to community subsistence hunt (CSH) community member use patterns of the moose CSH area, as defined in 2006-170-BOG. This report covers the period between January 1, 2013, and December 31, 2013.

- 1.) How many moose were harvested by members of your group/community in 2013?
- 2.) Approximately what percentage of the moose harvested by group/community members were processed by commercial game meat processors?

3a.) If households in your group/community are not successful in harvesting moose in the moose CSH area, what do they do for meat?
(In two or three sentences:) _____

3b.) If households in your group/community are not successful in harvesting other resources, including hare, game birds, salmon, and other non salmon fish in the moose CSH area, what do they do for meat?
(In two or three sentences:) _____

4.) How many members of your group/community **did not** take part in hunting, fishing, trapping or berry/green picking activities within the moose CSH area during 2013?

5.) How many people in your group/community customarily hunted, fished, trapped or picked berries/greens in the moose CSH area prior to 2009?

6.) How many members of your group/community have never participated in hunting, fishing, trapping or berry/green picking activities in the moose CSH area prior to registering for this hunt?

7.) How many members of your group/community have **never** been to the moose CSH area to participate in hunting, fishing, trapping or berry/green picking activities?

8.) How many households in your group/community have no historical ties to the moose CSH area?
historical ties include current and historical family relationships, or an established pattern of year-round use of the area, such as fishing, hunting, camping, or outdoor recreation.

9.) What efforts are community members making to continue or establish a generational pattern of use in the moose CSH area?
(limit to 1 paragraph) _____

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10.) Describe 3 scenarios where youth from households in your community or group, aged 0-17, actively participated in hunting, fishing, trapping, or gathering activities in the moose CSH area?

10a.) _____

10b.) _____

10c.) _____

11.) **2013** Community sharing event

11a.) On what date did a sharing event occur?

11b.) How many group/community members were present at this sharing event?

11c.) How many people who were not part of your group/community were present at this event?

11d.) Please briefly describe this community sharing event. _____

12.) How many elder households (household head aged 64+) were given moose by members of your group/community in 2013?

13.) Except for elder households, how many households without hunters were given moose in 2013?

14.) What strategies did members of your community employ to reduce fuel consumption to increase economic efficiency?

15.) How did members of your community pool resources (equipment, supplies) to increase efficiency?

FOR INTERNAL USE ONLY

The purpose of this section will be to establish a supplemental score, for each of the eight criteria established in Board of Game findings 2006-170-BOG. **NOTE** : Scoring in this section, or any section will NOT be use exclusively to determine adherence to the criteria.

SCORE	EXPLANATION
1.)	<input type="text"/>
2.)	<input type="text"/>
3a.)	<input type="text"/>
3b.)	<input type="text"/>
4.)	<input type="text"/>
5.)	<input type="text"/>
6.)	<input type="text"/>
7.)	<input type="text"/>
8.)	<input type="text"/>
9.)	<input type="text"/>

FOR INTERNAL USE ONLY

10a.) _____

10b.) _____

10c.) _____

11a.) _____

11b.) _____

11c.) _____

12.) _____

13.) _____

14.) _____

15.) _____

TOTAL SCORE

SUMMARY REMARKS

Copper Basin community subsistence hunt (CSH) group/community coordinator report

Detailed explanation of questions, and proposed scoring criteria.

All points will be weighted according to the direction provided from the Board of Game to the department. The proposed scoring system currently categorizes each question into one or more of the eight criteria described in the Board of Game finding 2006-170-BOG. Scores for each question are adjusted to provide equal weights to each of the criteria. Each element, category, or question may be additionally weighted under the direction of the Board of Game to accurately reflect the intent of the board in determining adherence to the customary and traditional use pattern as well as continued eligibility for groups or communities.

To enhance consistency in scoring, and prevent group/community size from inappropriately affecting scores, proportions and percentages will be used as often as possible. Four categories are defined:

- None – 0% of measurement.
- Minimal – 1–25% of measurement, rounded up.
- Marginal – 26–49% of measurement, rounded up.
- Significant – 50% or more of measurement, rounded up.

Under this recommendation, two types of reports will be required from each group. Each of these report types is described below.

Group/community coordinator report

The group/community coordinator report will provide a supplementary scoring opportunity for overall group/community patterns, to include establishment of new groups. This section of the report will also assist in providing accurate reporting of all moose and caribou harvested under the Copper Basin CSH program for each group/community. It is also intended to ensure a minimum level of reporting for assessment of the Copper Basin CSH program and groups/communities.

Question 1

The intent of Question 1 is to validate household responses, and ensure accurate reporting from household reports. This question will not be scored directly and does not factor into assessment of the group's adherence to the eight criteria in board findings.

Question 2

The intent of Question 2 is to address, in part, Criterion 3 in 2006-170-BOG. Processing of game using commercial game processors can be costly, typically running \$3.00/lb. This approach can also be time consuming, when during the hunting season it can take many weeks to have game processed. One strategy to reducing costs and improving efficiency is for group members to process meat together.

Scoring 2:

0 Points will be awarded if a significant proportion (> 50%) of meat was processed this way.

1 Point will be awarded if a marginal proportion (26%-49%) of total meat was processed this way.

2 Points will be awarded if a minimal proportion (\leq 25%) or none of total meat was processed this way.

Question 3a

The intent of this question is to identify that the group is establishing **or** continuing a pattern of use of CSH moose and caribou that relies on the Copper Basin CSH areas authorized for that species. This, in part, addresses criteria 1, 7, and 8 in 2006-170-BOG. The elements this question attempts to identify are the replacement of some portion of unavailable subsistence resources with other subsistence resources available in the respective Copper Basin CSH area and the expected sharing of resources from successful households.

Scoring 3a:

0 points will be awarded to groups where the full response involves the purchase of commercial foods and/or the harvest of foods outside of the respective Copper Basin CSH moose or caribou area.

1 point will be awarded if the response includes the increase of harvest of other resources in the area **OR** expectation of additional sharing from others, and may include some harvest of subsistence foods outside of the respective Copper Basin CSH moose or caribou area.

2 points will be awarded if the response includes the increase of harvest of other resources in the area **OR** expectation of additional sharing from others, **AND** there is no mention of uses of subsistence foods harvested outside of the respective Copper Basin CSH moose or caribou area.

3 points will be awarded if the response includes the increase of harvest of other resources in the area **AND** expectation of additional sharing from others, **AND** there is no mention of uses of subsistence foods harvested outside of the respective Copper Basin CSH moose or caribou area.

These points will be weighted according to the direction of the Board of Game.

Question 3b

The intent of this question is also to identify that the group is establishing **or** continuing a pattern of use for resources other than Copper Basin CSH moose or caribou that relies on the Copper Basin CSH area. This, in part, addresses criteria 1, 7, and 8 in 2006-170-BOG. The elements this question attempts to identify are the replacement of some portion of unavailable subsistence resources with other subsistence resources available in the respective areas and the expected sharing of resources from successful households.

Scoring 3b:

0 points will be awarded to groups where the full response involves the purchase of commercial foods and/or the harvest of foods outside of the respective Copper Basin CSH moose or caribou area.

1 point will be awarded if the response includes the increase of harvest of other resources in the respective area OR expectation of additional sharing from others, and also does not include subsistence resources from outside the respective Copper Basin CSH moose or caribou area.

Questions 4-8

The intent of these questions is to establish group members' long term patterns of use, and close ties to and familiarity with, the respective Copper Basin CSH moose or caribou area. These correspond to Criterion 1 and Criterion 4 described in 2006-170-BOG.

Scoring 4:

0 points will be awarded to groups where a significant proportion of members (> 50%) did not take part in the described activities within the respective Copper Basin CSH moose or caribou area.

1 point will be awarded to groups where a marginal proportion of members (26–49%) did not take part in the described activities within the respective Copper Basin CSH moose or caribou area.

2 points will be awarded to groups where a minimal proportion ($\leq 25\%$) or none of the members did not take part in the described activities within the respective Copper Basin CSH moose or caribou area.

Scoring 5:

0 points will be awarded to groups where a significant proportion of members (> 50%) did not participate in the described activities within the respective Copper Basin CSH moose or caribou area prior to 2007.

1 point will be awarded to groups where a marginal proportion of members (26–49%) did not participate in the described activities within the respective Copper Basin CSH moose or caribou area prior to 2007.

2 points will be awarded to groups where a minimal proportion ($\leq 25\%$) or none of the members did not participate in the described activities within the respective Copper Basin CSH moose or caribou area prior to 2007.

Scoring 6:

0 points will be awarded to groups where a significant proportion of members (> 50%) did not travel to the respective Copper Basin CSH moose or caribou area prior to registering for these hunts for the described activities.

1 point will be awarded to groups where a marginal proportion of members (26–49%) did not travel to the respective Copper Basin CSH moose or caribou area prior to registering for these hunts for the described activities.

2 points will be awarded to groups where a minimal proportion ($\leq 25\%$) or none of the members did not travel to the respective Copper Basin CSH moose or caribou area prior to registering for this hunt for the described activities.

Scoring 7:

0 points will be awarded to groups where a significant proportion of members ($> 50\%$) have never been to the respective Copper Basin CSH moose or caribou area to participate in described activities.

1 point will be awarded to groups where a marginal proportion of members (26–49%) have never been to the respective Copper Basin CSH moose or caribou area to participate in described activities.

2 points will be awarded to groups where a minimal proportion ($\leq 25\%$) or none of the members have never been to the respective Copper Basin CSH moose or caribou area to participate in described activities.

Scoring 8:

0 points will be awarded to groups where a significant proportion of members ($> 50\%$) have no historical ties, as described, to the respective Copper Basin CSH moose or caribou area.

1 point will be awarded to groups where a marginal proportion of members (26–49%) have no historical ties, as described, to the respective Copper Basin CSH moose or caribou area.

2 points will be awarded to groups where a minimal proportion ($\leq 25\%$) or none of the members have no historical ties, as described, to the respective Copper Basin CSH moose or caribou area.

Question 9

The intent of this question is to identify that the group is establishing or continuing a pattern of generational involvement in subsistence activities in the respective Copper Basin CSH moose or caribou area. This, in part, addresses Criterion 6 in 2006-170-BOG. This set of questions will be scored and weighted as a whole. These scores, unlike previous descriptions, shall be additive.

Scoring 9:

0 points will be awarded to groups where no response has been provided. This score will also be awarded to groups describing efforts to involve only adults in hunting activities in the respective Copper Basin CSH moose or caribou area.

1 point will be added to the score for Question 12 when the response includes involvement of more than one elder in hunting, processing, gathering or sharing activities. Current and historical involvement are both valid for this point.

1 point will be added to the score for Question 12 when the response includes education of children, including involving their participation in hunting, processing, or gathering activities.

1 point will be added to the score for Question 12 when the response includes formalized education efforts for children, including camps, classes, or events that are intended to teach hunting, fishing, trapping or gathering. Also includes knowledge of land and geography in the respective Copper Basin CSH moose or caribou area.

Questions 10a-10c

The intent of these questions is also to identify that the group is establishing **or** continuing a pattern of generational involvement, where children are being taught methods of hunting, fishing and processing. This, in part, addresses Criterion 6 in 2006-170-BOG.

Scoring 10a-10c:

1 point shall be awarded for each of the 3 scenarios provided, if the scenario meets the following criteria:

- The scenario described is not exclusive to one household **AND**
- The scenario described involves children from more than one household, **OR**
- The scenario described involves meaningful participation in hunting or fishing, to include making the kill, cutting meat, preparation of the meat for storage, **OR**
- Picking berries, **OR**
- Actively searching for animals.

0 points shall be awarded for each question 10a-10c for situations not meeting the criteria described above.

Questions 11a-11d

The intent of these questions is to identify that the group is establishing **or** continuing a pattern of community sharing that involves a community sharing event. This, in part, addresses Criterion 7 in 2006-170-BOG. This set of questions will be scored and weighted as a whole. These scores, unlike previous descriptions, shall be additive.

Scoring 11a-11d:

0 points will be awarded to groups where no sharing event has occurred.

1 point will be added to the Question 11 score for groups for which at least a marginal proportion of the group is present at a community sharing event (26%–49%).

1 point will be added to the Question 11 score for groups where the sharing event included more than 0 (zero) individuals from other groups.

1 point will be added to the Question 11 score for groups where the described sharing event clearly establishes an event where a marginal proportion of the attendees were related in no closer degree than cousin, or some portion of meat was given away uncooked. This point seeks to identify the community event as stretching beyond immediate family, and also that meaningful sharing has occurred.

Question 12

The intent of this question is also to identify that the group is establishing or continuing a pattern of community sharing and generational involvement. This, in part, addresses criteria 1 and 7 in 2006-170-BOG.

Scoring 12:

0 points will be awarded less than a significant proportion ($\leq 49\%$) of elder households (the head of household is 65 or older) have been given meat –or– this group has no elder households.

1 point will be awarded if a significant proportion ($> 50\%$) of elder households (the head of household is 65 or older) have been given meat.

Question 13

The intent of this question is also to identify that the group is establishing or continuing a pattern of community sharing and generational involvement. This, in part, addresses Criterion 7 in 2006-170-BOG.

Scoring 13:

0 points will be awarded if one or 0 (zero) households have zero hunters (all households, or all but one household has at least one hunter) and have not been given meat. This also applies in cases where 100% of all households have one hunter.

1 point will be awarded if more than one household without hunters has been given meat.

Question 14

The intent of this question is to identify that the group is establishing or is continuing a pattern of hunting that involves strategies to reduce cost and increase efficiency. This question has been framed around fuel costs given described hunting patterns in the Copper Basin CSH area involve extensive use of roadways as hunting corridors. This, in part, addresses Criterion 3 in 2006-170-BOG.

Scoring 14:

1 point will be awarded to groups where defined strategies involve at least one of the following characteristics:

- Households or individuals were asked to take additional moose or caribou for sharing with those that could not afford gas/equipment to hunt.
- Hunters travelled to hunting locations in a single vehicle.
- Hunters shared the cost of fuel.
- Hunters focused their search within walking distance along roadways to reduce use of fuel for ATVs.
- Other strategies that would result in direct reduction of cost to fuel consumption or involved pooling of resources to directly reduce fuel costs.

0 points will be awarded to groups where strategies do not clearly identify actions taken that would directly result in the use of less fuel OR the pooling of resources to make the fuel less costly to individual households.

Question 15

The intent of this question is also to identify that the group is establishing **or** is continuing a pattern of hunting that involves strategies to reduce cost and increase efficiency. This question has been framed around pooling of equipment and supplies so that costs are reduced for individual households. This, in part, addresses Criterion 3 in 2006-170-BOG.

Scoring 15:

1 point will be awarded to groups where defined strategies involve at least one of the following characteristics:

- Equipment and supplies, such as guns, ammunition, ATVs, vehicles, trailers, or camping gear are shared amongst hunting and non-hunting households to reduce costs of purchasing the equipment.
- Cash resources are pooled amongst households in the group to purchase a single piece of equipment, such as an ATV.
- Hunters asked to harvest more moose or caribou to share with those that do not have the economic resources or equipment to go out themselves.
- Other strategies involving any kind of gear, equipment or supplies that would result in a direct reduction of cost or time in the field to households within the group as a whole.

NOTE: In all cases, there must be an explanation as to HOW the described strategy actually saved money or reduced time in the field order to receive the point.

0 points will be awarded to groups where a clear strategy was not described OR where the strategy described did not explain how money or time in the field was saved.

HOUSEHOLD COMMUNITY HARVEST REPORT - MOOSE

GROUP NUMBER:

This section of the community harvest report must be completed for each household for which at least one (1) household member is registered in the community subsistence hunt for moose, established in 2006-170-BOG. The questions on this form apply to all members of the household, even if they are not registered as part of a community subsistence hunt group. Responses on these forms will not be used to determine hunt eligibility for individuals or households.

FILL OUT THIS FORM, EVEN IF MEMBERS OF YOUR HOUSEHOLD DID NOT HUNT IN 2013

- How many people live in your household? (include all members, even those that are not signed up as a part of your CSH community)
- Please fill in the following information for each member of your household, even if they did not participate in hunting, fishing or gathering activities in 2013 or are not registered participants of the community subsistence hunt for moose.

Person #	In WHAT YEAR was this person born?	Registered CSH community member?	Thinking of only your activities in the CSH MOOSE HUNTING AREA in 2013, did members of your household....															
			HUNT FOR...				FISH FOR...			Pick Berries / Vegetation	PROCESS...							
			Moose	Caribou	Other Game	Waterfowl	Salmon	Fish other than salmon	Trap		Moose	Caribou	Other Game	Birds	Fish	Berries / Greens		
1	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

How many times did any members of your household go out each month in the moose harvest CSH for the following activities?
include any trip where a single member of the household went out, even if they went with another household.

	January	February	March	April	May	June	July	August	September	October	November	December
3a.) Fishing	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3b.) Hunting	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3c.) Trapping	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3d.) Pick berries / vegetation	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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HOUSEHOLD COMMUNITY HARVEST REPORT - MOOSE

GROUP NUMBER: _____

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4.) Where did your household get the MOOSE you used in 2013?

Left over from previous year	Harvested	Received from another member of your community	Received from someone else	Didn't get any moose
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Check all that apply)

5.) Did members of your household attend a community sharing event in 2013?
(if yes, then...) Y / N *(circle)*

5a.) When did the community sharing event occur? _____ 5b.) Describe the sharing event _____

5c.) About how many community members were present at this sharing event? 5d.) About how many people not in your CSH community were present?

(if none of your household members hunted for moose this year, skip to Question 11 on the next page)

6.) How many times did members of your household go hunting for MOOSE in 2013?

7.) Not including household members, how many people in your CSH community did you hunt MOOSE with?

8.) Were any of your household's moose hunting trips combined with the following activities?

Other hunting	Fishing	Picking berries
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9.) How many moose did members of this household harvest? *(include only those moose SHOT BY members of your household)*

10.) How many moose harvested by your household were taken by youth, age 16 and younger? *(include only those moose SHOT BY youth from your household)*

11.) On average, about how much of each moose harvested did your household retain?

NONE	1/4 moose	1/2 moose	3/4 moose	ALL	OTHER
					Describe: _____

(circle one)

12.) Who processed the meat your household harvested? _____ *(ex: Commercial processor, family member, self, other community members, etc...)*

For members of your household, briefly describe how each following part of moose harvested in 2013, were used.

13a.) Bones _____	
13b.) Hide _____	13e.) Heart _____
13c.) Fat _____	13f.) Liver _____
13d.) Head _____	13g.) Kidneys _____

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HOUSEHOLD COMMUNITY HARVEST REPORT - MOOSE

GROUP NUMBER:

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14.) Have members of your family always used the moose CSH area for hunting, fishing, trapping, and berry/green picking activities? Y / N (circle)

(if no, then)

14a.) About what year did members of your family begin using the moose CSH area for hunting, fishing, trapping, and berry/green picking activities?

14b.) Do members of your household participate in hunting, fishing, trapping or berry/green picking activities: Every year Most years Some years Once or twice Never (circle one)

15.) Do any of your family members own or rent property in the moose CSH area, including homes, cabins, undeveloped land or recreational property? Y / N (circle)

16.) Hunting/Trapping activities OUTSIDE of the moose CSH area.

Include ALL units customarily used by members of your HOUSEHOLD, for hunting and trapping except those portions of units covered by the moose CSH

List other game management units used for hunting by members of your household members, even if those household members are not members of your moose CSH community.

Are uses of these units Routine / Occasional / Rare	How many members of your household use or have used other areas?
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

- 16a.) Moose _____
- 16b.) Caribou _____
- 16c.) Other Game _____
- 16d.) Birds _____
- 16e.) Trapping _____

17.) Fishing activities OUTSIDE of the moose CSH area.

Include ALL areas customarily used by members of your HOUSEHOLD for fishing, except those areas and fisheries within the moose CSH

List water bodies or fisheries used by members of your household, even if those household members are not a part of your moose CSH community.

Are use of these areas Routine / Occasional / Rare	How many members of your household use or have used other areas?
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

- 17a.) Salmon _____
- 17b.) Trout _____
- 17c.) Whitefish _____
- 17d.) Other fish _____

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Copper Basin community subsistence hunt (CSH) household report

Detailed explanation of questions, and proposed scoring criteria.

All points will be weighted according to the direction provided from the Board of Game to the department. The proposed scoring system currently categorizes each question into one or more of the eight criteria described in the Board of Game finding 2006-170-BOG. Scores for each question are adjusted to provide equal weights to each of the criteria. Each element, category, or question may be additionally weighted under the direction of the Board of Game to accurately reflect the intent of the board in determining adherence to the customary and traditional use pattern as well as continued eligibility for groups or communities.

To enhance consistency in scoring, and prevent group/community size from inappropriately affecting scores, proportions and percentages will be used as often as possible. Four categories are defined:

- None – 0% of measurement.
- Minimal – 1–25% of measurement, rounded up.
- Marginal – 26–49% of measurement, rounded up.
- Significant – 50% or more of measurement, rounded up.

Under this recommendation, two types of reports will be required from each group. Each of these report types is described below.

Household report

The household report will provide the greatest detail regarding group participation, and provide the department a mechanism for using quantitative measures for assessing adherence to the criteria in the board's finding 2006-170-BOG. Individual households will not be scored, and, unless additional board decisions are put into place, will not be used to disqualify any single household from the Copper Basin community subsistence hunts for moose or caribou.

Question 1

The intent of this question is to identify the total number of individuals living in a household, regardless of age or whether or not that individual has been registered as part of the Copper Basin CSH group/community. This question will not be scored; it will be used as a tool to assist in validation of reporting.

Question 2

The intent of this question is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH moose and caribou areas consistent in part with criteria 1, 2, 4, 6, and 8 in 2006-170-BOG. Due to the complexity of the questions asked and the breadth of criteria covered, points will be applied selectively according to the findings applicable to the scoring criteria. The

scoring will be carried out as follows: points for this question are additive, and apply to the group as a whole, and scores will be assessed by looking at all responses from all households in the group.

Scores will be split according to:

- 2-1: points apply to Criterion 1 of the board's findings at 2006-170-BOG.
- 2-2: points apply to Criterion 2
- 2-4: points apply to Criterion 4
- 2-6: points apply to Criterion 6
- 2-8: points apply to Criterion 8

Scoring 2:

1 point will be added to 2-1, and 2-6 if at least a **minimal proportion** of group members, younger than 16 years old, participated in each of the following:

Hunting, and
fishing, and
berry picking, and
processing of any game, and
processing of any fish, and
processing of any berries.

1 point will be added to 2-2, 2-4, and 2-8 if at least a minimal proportion of group members of any age participated in each of the activities listed.

1 point will be added to 2-2, 2-4, and 2-8 if at least a marginal proportion of group members of any age participated in each of the activities listed, except trapping, and moose/caribou hunting. These points are in addition to any points already awarded for participation.

1 point will be added to 2-1, and 2-4 if a minimal proportion of elders participated in any of activities listed.

1 point will be added to 2-2, 2-4, and 2-8 if a **significant proportion** of group members participated in any **processing** activity.

Questions 3a-3d

The intent of these questions is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH moose or caribou areas consistent in part with criteria 2, 4, and 8 in 2006-170-BOG. The scoring will be carried out and assigned to the factors as follows: points for this question are additive, and apply to the group as a whole, and scores will be assessed by looking at all responses from all households in the group.

Scoring 3a – 3c:

1 point will be awarded for each of 3a – 3c if at least a marginal proportion of households made more than one trip in each of three different months for each question.

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Scoring 3d:

1 point will be awarded for 3d if at least a marginal proportion of households made more than one trip in each of two different months.

Question 4

The intent of this question is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH moose or caribou areas consistent in part with Criterion 7 in 2006-170-BOG. The scoring will be carried out as follows:

Scoring 4:

1 point will be awarded if a minimal proportion of households received moose or caribou, as appropriate, from another member of the Copper Basin CSH moose or caribou group.

2 points will be awarded if a marginal proportion of households received moose or caribou, as appropriate, from another member of the Copper Basin CSH moose or caribou group.

0 points will be awarded in all other circumstances.

Questions 5-5d

The intent of these questions is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH moose or caribou area consistent in part with Criterion 7 in 2006-170-BOG. The scoring will be carried out as follows:

Scoring 5:

1 point will be awarded if at least a marginal proportion of households attended a community sharing event.

0 points will be awarded in all other circumstances.

Scoring 5a-5d:

1 point will be awarded for each community sharing event, if more than one sharing event has been indicated by household members, and at least a marginal proportion of group members and at least one non-group member attended. Only up to 2 points will be awarded this way.

Question 6

The intent of this question is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH caribou or moose area consistent in part with Criterion 4 in 2006-170-BOG. Multiple trips indicate a high reliance on and familiarity with the area.

Scoring 6:

1 point will be awarded if a marginal proportion of **hunting households** made more than 3 trips to hunt for moose or caribou, as appropriate, in the respective Copper Basin CSH moose or caribou areas. "Hunting households" is defined as any household having one or more members that indicated moose or caribou hunting activities in Question 2.

0 points will be awarded in all other cases.

Question 7

The intent of this question is to identify that the group is establishing **or** is continuing a pattern of use in the respective Copper Basin CSH moose or caribou areas consistent in part with Criterion 3 in 2006-170-BOG. Working closely with other hunters, and combining resources, such as equipment and transportation, is an effective way to reduce costs and improve hunting efficiency.

Scoring 7:

1 point will be awarded if a significant proportion of hunting households hunted with at least 2 other group members, who were also not part of the same household.

0 points will be awarded in all other circumstances.

Question 8

The intent of this question is to identify that the group is establishing **or** is continuing a pattern of use in the respective Copper Basin CSH moose or caribou area consistent in part with criteria 3 and 8 in 2006-170-BOG. Harvesting multiple resources while searching for moose or caribou is an effective way to combine trips to reduce costs.

Scoring 8:

1 point will be awarded for each of the three other activities indicated as a combined trip.

0 points will be awarded in all other circumstances.

Question 9

This question will not be scored, but will be used to ensure accurate reporting by households and group coordinators. It may also be used in the future as an indicator of success and in effort metrics to determine the performance of these hunts.

Question 10

The intent of this question is to identify that the group is establishing **or** is continuing a pattern of use in the respective Copper Basin CSH moose or caribou area consistent in part with Criterion 6 in 2006-170-BOG. Harvest of moose and caribou by youth indicates transfer of knowledge to subsequent generations, in order to maintain group harvest and use patterns.

Scoring 10:

1 point will be awarded if any moose or caribou, as appropriate, have been harvested by a youth (age 16 or younger) by the group during 2013.

0 points will be awarded in all other circumstances.

Question 11

The intent of this question is to identify that the group is establishing **or** is continuing a pattern of use in the respective Copper Basin CSH moose or caribou area consistent in part with Criterion 7 in

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2006-170-BOG. If, on average, hunting households give away significant proportions of meat, this indicates a highly developed and meaningful sharing pattern, consistent with 2006-170-BOG.

Scoring 11:

2 points will be awarded if (on average) a significant proportion (50% or more) of meat was shared by a significant proportion (50% or more) of harvesting households.

1 point will be awarded if (on average) a marginal proportion (26–49%) of meat was shared by a significant proportion (50% or more) of harvesting households.

1 point will be awarded if (on average) a significant proportion of meat (50% or more) was shared by a marginal proportion (25–49%) of harvesting households.

0 points will be awarded in all other circumstances.

Question 12

The intent of this question is to identify that the group is establishing or is continuing a pattern of use in the respective Copper Basin CSH moose or caribou area consistent in part with Criterion 3 in 2006-170-BOG. Processing of game meat can be expensive (\$3.00/lb and more) and take a significant amount of time. By processing the bulk of meat with group members, or individually, groups can significantly reduce the costs of processing moose and caribou.

Scoring 12:

2 points will be awarded if a significant proportion (50% or more) of harvesting households did not indicate any use of commercial wild game meat processors.

1 point will be awarded if a significant proportion (50% or more) of harvesting households processed the meat using any other method than commercial processors.

0 points will be awarded in all other circumstances.

Questions 13a-13g

The intent of these questions is to identify that the group is establishing or continuing a pattern of use that includes the use of all parts of the moose or caribou, as appropriate, that are required to be taken from the field. This, in part, addresses criteria 3 and 5 in 2006-170-BOG. These questions seek to clearly establish the specific uses each part of the animal is subject to. Additionally, these questions attempt to establish additional efficiency in effort by using as much of the animal as possible. In any case other than the stated examples, 0 (zero) points will be awarded.

Scoring 13a:

1 point will be awarded for consumptive uses, such as cooking down for stock, or use in crafts

Scoring 13b:

1 point will be awarded for uses involving tanning for clothing, blankets, or other crafts.

Scoring 13c:

1 point will be awarded for any human consumption use.

Scoring 13d:

1 point will be awarded for uses involving human consumption of fats or tissues, or uses of the brain for such things as tanning.

Scoring 13e:

1 point will be awarded for uses involving human consumption.

Scoring 13f:

1 point will be awarded for uses involving human consumption.

Scoring 13g:

1 point will be awarded for uses involving human consumption.

Questions 14 – 14b

The intent of these questions is to identify that the group is establishing or continuing a long term pattern of use, close ties to, and familiarity with the respective Copper Basin CSH moose or caribou area. This, in part, addresses criteria 1 and 4 in 2006-170-BOG. These questions are to be scored as a single question. A maximum of 1 point is available for these questions. These questions are intended to distinguish groups where most of the households have either already established a historical pattern of use, or are working toward establishing a historical pattern of use.

2 points will be awarded if a significant proportion (50% or more) of households indicated their family has always used the respective Copper Basin CSH moose or caribou area for subsistence activities.

-OR-

2 points will be awarded if a significant proportion of households indicated their family started using the respective Copper Basin CSH moose or caribou area more than 25 years prior (1 generation) to the current hunting year, and use the respective Copper Basin CSH moose or caribou area every year or most years.

-OR-

1 point will be awarded if a marginal proportion (26-49%) of households indicated their family has always used the respective Copper Basin CSH moose or caribou area for subsistence activities.

-OR-

1 point will be awarded if a marginal proportion (26-49%) of households indicated their family started using the respective Copper Basin CSH moose or caribou area more than 25 years prior (i.e., one generation) to the current hunting year, and use the areas some years, most years or every year.

-OR-

1 point will be awarded if at least a marginal proportion (26-49%) of households indicated their family started using the respective Copper Basin CSH moose or caribou area more than 12 years prior (i.e., a half generation) to the current hunting year, and use the areas most years or every year.

-OR-

1 point will be awarded if at least a marginal proportion (26-49%) of households indicated their family has only started using the respective Copper Basin CSH moose or caribou area within the past 10 years, and use the areas every year.

Question 15

The intent of this question is to identify that the group is establishing or continuing a pattern of close ties to and familiarity with the areas. This, in part, addresses Criterion 4 in 2006-170-BOG. Owning or renting any type of property in the respective Copper Basin CSH moose or caribou area, regardless of residency, indicates a strong and continuing connection to the areas.

Scoring 15:

1 point will be awarded if a minimal proportion of households owns or rents some type of property in the respective Copper Basin CSH moose or caribou area.

0 points will be awarded in all other cases.

Questions 16a-17d

The intent of these questions is to identify that the group is establishing **or** continuing a pattern of reliance of the respective Copper Basin CSH moose or caribou area for hunting a wide variety of species. This, in part, addresses Criterion 8 in 2006-170-BOG. Extensive use of areas outside of the respective Copper Basin CSH moose or caribou area counter-indicates a high level of reliance on that respective Copper Basin CSH moose or caribou area, which is not consistent with the patterns described in 2006-170-BOG. These questions will be scored and weighted in several parts, although unless otherwise specified, each question will receive 0 (zero) points.

Scoring questions 16a and 16b:

0 points will be awarded if there is any indicated use of other areas; this is prohibited under the terms of the respective Copper Basin CSH moose or caribou permit. Under the direction of the Board of Game use of other areas could result in automatic group disqualification.

1 point will be awarded to both 16a and 20b in all other cases.

Scoring questions 16c-17d:

A reliance score will be calculated for each line using the following formula:

Number of other GMUs used times (number of individuals using divided by total number of group members) times (1.5 if frequent or 1 if occasional or 0.5 if rare).

A reliance score of one or less [equivalent to a significant proportion (50%) of members occasionally using one other GMU], will receive **1 point**.

Any reliance score above one will receive 0 (zero) points.

To get the appropriate information to compute a group score, the following steps will be taken:

- Fishing areas will be translated into the closest applicable GMU for the fishery or waterbody indicated, and
- Household reports will be combined so that all GMUs listed will be counted one time, and
- All people indicated will be counted one time, and
- Frequency will be averaged, using the weight factors indicated above.

Matrix of Potential Measures for Scoring of Copper Basin Community Subsistence Hunt Reports

Criteria in Board of Game finding 2006-170-BOG	Measures	Questions	
		Administator	Household
1. Long term consistent pattern of use	The number of years of taking and use of the game population; involvement of multiple generations; uses of areas other than the community subsistence hunt area	3, 4, 5, 6, 7, 8, 12	2, 14
2. Seasonal pattern of harvests within unit	Seasons/months engaged in non-commercial activities in area	[none]	2, 3
3. Efficiency	Costs; methods used to reduce costs, improve efficiency; variety of species	2, 14, 15	7, 8, 12, 13
4. Close ties to and familiarity with the area	Length of use in years; length of use in generations; variety of activities engaged in; seasons/months engaged in activities [overlaps 1 and 2]	4, 5, 6, 7, 8	2, 3, 6, 14, 15
5. Thorough use of parts of animal	Which parts are used; preservations methods; which products prepared	[none]	13
6. Handing down of knowledge and skills across generations	Involvement of youth; evidence of instruction and training	9, 10	2, 10
7. Sharing within the community	Amount of resource sharing; communal sharing event; support of elders and others in need	3, 11, 12, 13	4, 5, 11
8. Use of wide variety of resources from the area	Variety of resource harvest activities within area; evidence of other resources used	3	2, 3, 8, 16, 17

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Submitted by Alaska Department of Fish and Game February 9, 2015

Substitute Language for Proposal 71

5 AAC 92.072 (c)(1)(D) make efforts to ensure that the applicable customary and traditional use pattern described by the board and included by the department as a permit condition, if any, is observed by subscribers including meat sharing...

(E) In accordance with the provisions of this subsection, the department shall require written reports from administrators of and participants in Gulkana, Cantwell, Chistochina, Gakona, Mentasta, Tazlina, Chitina, and Kluti Kaah Community Harvest Area community harvest permit hunts which describe efforts by households to observe the customary and traditional use pattern described by board findings for the game population(s) to be hunted under the conditions of this community harvest permit.

(i) The department will evaluate each report submitted under (E), and will measure compliance of the communities or groups formed under 5 AAC 92.072(c) with the customary and traditional use pattern of the game population(s), as follows:

(1) Element 1, participation in a long-term, consistent pattern of noncommercial taking, use, and reliance on the game population, shall provide up to 12.5% of available points as measured by the following indicators: the number of years of taking and use of the game population; and involvement of multiple generations in the taking and use of the game population; and use of areas other than the community subsistence hunt area for harvest activities; and

(2) Element 2, participation in the pattern of taking or use of the game population that follows a seasonal use pattern of harvest effort in the hunt area, shall provide up to 12.5% of available points as measured by the following indicator: the months and/or seasons in which noncommercial harvest activities occur in the hunt area; and

(3) Element 3, participation in a pattern of taking or use of wild resources in the hunt area that includes methods and means of harvest characterized by efficiency and economy of effort and cost, shall provide up to 12.5% of available points as measured by the following indicators: costs associated with harvests; and methods used to reduce costs and improve efficiency of harvest; and number of species harvested during hunting activities; and

(4) Element 4, participation in a pattern of taking or use of wild resources that occurs in the hunt area due to close ties to the area, shall provide up to 12.5% of available points as measured by the following indicators: number of years of taking and use of the game population; and involvement of multiple generations in the taking and use of the game population; and variety of harvesting activities that take place in the hunt area; and evidence of other areas used for harvest activities; and

(5) Element 5, use of means of processing and preserving wild resources from the hunt area that have been traditionally been used by past

generations, shall provide up to 12.5% of available points as measured by the following indicators: complete listing of the parts of the harvested game that are used; and preservation methods of that game; and types of foods and other products produced from that harvest; and

(6) Element 6, participation in a pattern of taking or use of wild resources from the hunt area that includes the handing down of knowledge of hunting skills, values, and lore about the hunt area from generation to generation, shall provide up to 12.5% of available points as measured by the following indicators: involvement of multiple generations in the taking and use of the game population; and evidence of instruction and training; and

(7) Element 7, participation in a pattern of taking of wild resources from the hunt area in which the harvest is shared throughout the community, shall provide up to 12.5% of available points as measured by the following indicators: amount of harvest of the game population that is shared; and evidence of a communal sharing event; and support of those in need through sharing of the harvest of the game population; and

(8) Element 8, participation in a pattern that includes taking, use, and reliance on a wide variety of wild resources from the hunt area, shall provide up to 12.5% of available points as measured by the following indicators: the variety of resource harvest activities engaged in within the hunt area; and evidence of other areas used for harvest activities.

(ii) failure to report under this subsection, or under 5 AAC 92.072(f), will result in denial to a household of a Gulkana, Cantwell, Chistochina, Gakona, Mentasta, Tazlina, Chitina, and Kluti Kaah Community Harvest Area community subsistence harvest permit.

[E](F) beginning July 1, 2014, in the community harvest hunt area...