

ATTACHMENT 14-1
REVIEW OF COMMUNITIES AND SUBSISTENCE USE AREAS IN THE
SUSITNA RIVER WATERSHED

Review of Communities and Subsistence Use Areas in the Susitna River Watershed

The study team reviewed the communities included in the Alaska Department of Fish and Game (ADF&G) scope of work and in the subsistence data gap analysis prepared by Northern Land Use Research, Inc. (NLUR). In addition, the study team identified four other communities that are located, or whose use areas are located, in the Susitna River watershed. These include Chickaloon, Eklutna, Healy, and Lake Louise. Because subsistence use area study is available for the Western Susitna Basin (communities not specified), this region was included in the review. The study team reviewed a total of 42 communities (including a regional use area for the Western Susitna Basin and dispersed households along the Parks Highway and Denali Highway). These communities are listed in Table 1 and depicted on Map 1. The study team reviewed each community for its proximity to the Susitna River watershed, and for the proximity of the community's subsistence use areas (if available) to the Susitna River watershed. In addition, the study team identified whether recent (last three year) harvest data are available for each community. As noted in Table 1, harvest data as collected by ADF&G do not provide all subsistence baseline indicators that are important for characterizing baseline subsistence uses or assessing potential impacts on subsistence uses. Additional baseline indicators not generally available through ADF&G harvest data include multi-year subsistence use areas, comprehensive seasonal round, transportation methods, trip duration, trip frequency, and traditional knowledge including harvester observations of resource change.

As shown in Table 1, the study team identified 14 communities located within the Susitna River watershed, and 18 communities whose use areas are located within the Susitna River watershed. Subsistence use area data are not available for 19 communities. A total of 30 communities are either located within the Susitna River watershed or have use areas that are located within the Susitna River watershed. Map 1 counts do not include the Western Susitna Basin use areas, Denali Highway dispersed households, and Parks Highway dispersed households.

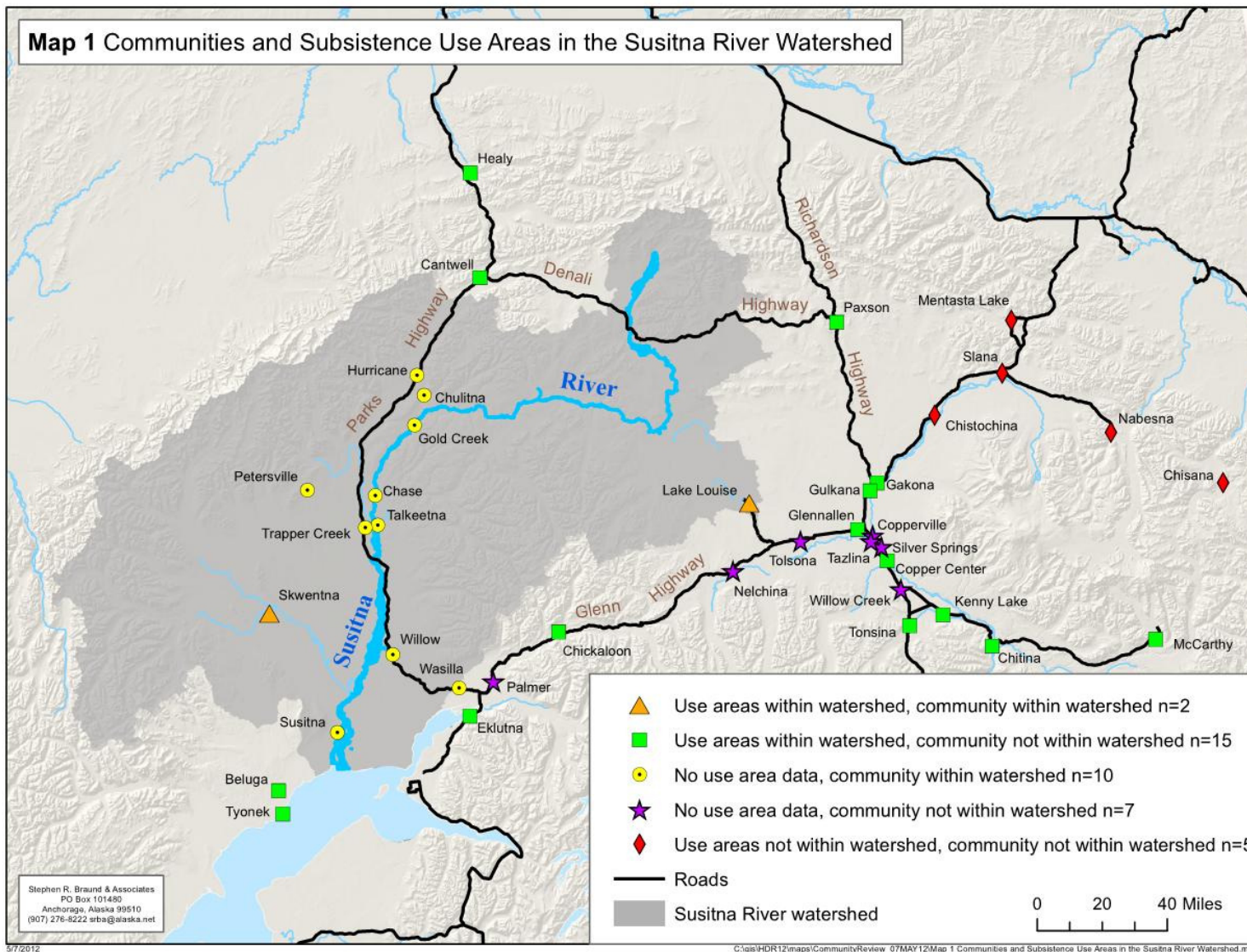
Recent (last three year) harvest data are currently available for only 11 of the 42 communities in Table 1. In their scope of work, ADF&G included communities that are not located in the Susitna River watershed and whose use areas are not included in the Susitna River watershed. These include Chistochina, Mentasta, Nabesna, and Slana. In addition, ADF&G included communities that are not located in the Susitna River watershed for which no use area data are available. These include Copperville, Nelchina, Silver Springs, Tazlina, Tolsona, and Willow Creek.

In their subsistence data gap analysis, NLUR included communities that are not located in the Susitna River watershed and whose use areas are not included in the Susitna River watershed. These include Chisana, Chistochina, Mentasta, and Slana. In addition, NLUR included communities that are not located in the Susitna River watershed for which no use area data are available. These include Copperville, Palmer, Silver Springs, and Tazlina.

Table 1. Communities and Subsistence Use Areas in the Susitna River Watershed

	Community	Reason for Study Community Consideration			Proximity to Susitna River Watershed					Harvest Data Last 3 Years (2009 or Later) ¹	Notes
		ADF&G SOW	NLUR Data Gap	Added Based on Community or Use Area in Watershed	Community in Watershed	Approximate Distance (in Miles) of Community from Watershed	Use Area in Watershed	Approximate Distance (in Miles) of Use Area from Watershed	Community and/or Use Area in Watershed		
1	Beluga	x				11	x	0	x		
2	Cantwell	x	x			5	x	0	x		
3	Chase	x	x		x	0	No Data	No Data	x		
4	Chickaloon			x		14	x	0	x		
5	Chisana		x			143		95			
6	Chistochina	x	x			53		25		x	
7	Chitina	x				85	x	0	x	x	
8	Chulitna		x		x	0	No Data	No Data	x		
9	Copper Center	x	x			45	x	0	x	x	
10	Copperville	x	x			35	No Data	No Data	No Data		
11	Denali Hwy Households & Lodges		x		x	n/a	No Data	No Data	x		Portion of Denali Highway is in watershed.
12	Eklutna			x		9	x	0	x		
13	Gakona	x	x			35	x	0	x	x	
14	Glennallen	x	x			30	x	0	x		
15	Gold Creek		x		x	0	No Data	No Data	x		
16	Gulkana	x	x			35	x	0	x		
17	Healy			x		32	x	0	x		
18	Hurricane/Broad Pass		x		x	0	No Data	No Data	x		
19	Kenny Lake	x				62	x	0	x	x	
20	Lake Louise			x	x	0	x	0	x		
21	McCarthy	x	x			127	x	0	x	x	
22	Mentasta	x	x			71		52		x	
23	Nabesna	x				107		52		x	
24	Nelchina	x				10	No Data	No Data	No Data		
25	Palmer		x			8	No Data	No Data	No Data		
26	Parks Hwy Dispersed Households		x		x	n/a	No Data	No Data	x		Parks Highway transects watershed
27	Paxson	x	x			23	x	0	x		
28	Petersville		x		x	0	No Data	No Data	x		
29	Silver Springs	x	x			37	No Data	No Data	No Data	x	
30	Skwentna	x			x	0	x	0	x		Use Areas for Upper Yentna
31	Slana	x	x			70		42		x	
32	Susitna	x			x	0	No Data	No Data	x		
33	Talkeetna		x		x	0	No Data	No Data	x		
34	Tazlina	x	x			37	No Data	No Data	No Data		
35	Tolsona	x				14	No Data	No Data	No Data		
36	Tonsina	x				56	x	0	x		
37	Trapper Creek		x		x	0	No Data	No Data	x		
38	Tyonek	x				17	x	0	x		
39	Wasilla		x		x	0	No Data	No Data	x		
40	Western Susitna Basin			x	n/a	n/a	x	0	x		Use area data are not provided at a community-specific level
41	Willow		x		x	0	No Data	No Data	x		
42	Willow Creek	x				48	No Data	No Data	No Data	x	

¹Includes harvest data collected during ADF&G household harvest surveys. Harvest data generally include subsistence baseline indicators related to harvest amounts, harvest effort, harvest success, harvest participation, harvest sharing, and harvest diversity. Additional subsistence baseline indicators not generally available through ADF&G harvest data include subsistence use areas, seasonal round, transportation methods, trip duration, trip frequency, and traditional knowledge including harvester observations of resource change. This document does not review the availability of additional subsistence baseline indicators for the potential study communities.



ATTACHMENT 14-2
HOUSEHOLD HARVEST SURVEY INSTRUMENT (DRAFT)

COMPREHENSIVE SUBSISTENCE SURVEY

SUSITNA, ALASKA

January to December, 2012

This survey is used to estimate subsistence harvests and to describe community subsistence economies. We will publish a summary report, and send it to all households in your community. We share the community information with the Alaska Department of Fish and Game, the U.S. Fish and Wildlife Service and the National Park Service. We work with the Federal Regional Advisory Councils and with local Fish and Game Advisory Committees to better manage subsistence, and to implement federal and state subsistence priorities.

We will NOT identify your household. We will NOT use this information for enforcement. Participation in this survey is voluntary. Even if you agree to be surveyed, you may stop at any time.

HOUSEHOLD ID:		
COMMUNITY ID:	SUSITNA	330
RESPONDENT ID:		
INTERVIEWER:		
INTERVIEW DATE:		
START TIME:		
STOP TIME:		
	DATA CODED BY:	
	DATA ENTERED BY:	
	SUPERVISOR:	

COOPERATING ORGANIZATIONS

STEPHEN R. BRAUND
AND ASSOCIATES
PO BOX 1480
ANCHORAGE, AK 99510

907-276-8222

DIVISION OF PUBLIC HEALTH
HEALTH AND SOCIAL SERVICES
3601 C STREET, SUITE 540
ANCHORAGE, AK 99503

907-269-8000

DIVISION OF SUBSISTENCE
ALASKA DEPT OF FISH & GAME
333 RASPBERRY ROAD
ANCHORAGE, AK 99518

907-267-2353

HDR
2525 C STREET, SUITE 305
ANCHORAGE, AK 99503

907-644-2117

HOUSEHOLD MEMBERS

HOUSEHOLD ID

Between JANUARY and DECEMBER, 2012...
...who lived in your household?

ID#	IS THIS PERSON ANSWERING QUESTIONS ON THIS SURVEY? <i>(circle)</i>	MALE OR FEMALE? <i>(circle)</i>	ALASKA NATIVE? <i>(circle)</i>	IN WHAT YEAR WAS THIS PERSON BORN? <i>(year)</i>	WHERE WERE PARENTS LIVING WHEN THIS PERSON WAS BORN? <i>(ak city or state)</i>	HOW IS THIS PERSON RELATED TO HOUSEHOLD HEAD 1? <i>(relation)</i>	HOW MANY YEARS HAS THIS PERSON LIVED IN SUSITNA? <i>(number)</i>
HEAD 1 01	Y N	M F	Y N				YRS
<i>Enter spouse or partner next. If household has a SINGLE HEAD, leave HEAD 2 blank.</i>							
HEAD 2 02	Y N	M F	Y N				YRS
<i>Enter children (oldest to youngest), grandchildren, grandparents, brothers, sisters, or anyone else living full-time in this household.</i>							
03	Y N	M F	Y N				YRS
04	Y N	M F	Y N				YRS
05	Y N	M F	Y N				YRS
06	Y N	M F	Y N				YRS
07	Y N	M F	Y N				YRS
08	Y N	M F	Y N				YRS
09	Y N	M F	Y N				YRS
10	Y N	M F	Y N				YRS
11	Y N	M F	Y N				YRS
12	Y N	M F	Y N				YRS
13	Y N	M F	Y N				YRS
14	Y N	M F	Y N				YRS
15	Y N	M F	Y N				YRS

HOUSEHOLD MEMBER PARTICIPATION

HOUSEHOLD ID

Between JANUARY and DECEMBER, 2012...

...did this person...

PERSON ID# FROM Page 2	Fish		Large Land Mammals		Small Land Mammals Furbearers		Birds & Eggs		Plants/Berries/Wood	
	Fish (circle)	Process (circle)	Hunt (circle)	Process (circle)	Hunt/Trap (circle)	Process (circle)	Hunt/Gather (circle)	Process (circle)	Gather (circle)	Process (circle)
Head 1	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Head 2	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
03	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
04	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
05	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
06	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
07	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
08	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
09	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
10	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
11	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
12	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
13	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
14	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
15	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N

PERMANENT HH MEMBERS: 01

SUSITNA: 330

HARVESTS: COMMERCIAL SALMON FISHING

HOUSEHOLD ID

Do members of your household USUALLY participate in COMMERCIAL SALMON FISHING ?..... Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household participate in commercial salmon fishing?..... Y N

IF NO, go to the next harvest page.

If YES, continue on this page...

Please estimate the number of salmon ALL MEMBERS OF YOUR HOUSEHOLD REMOVED FROM COMMERCIAL HARVEST FOR PERSONAL USE OR SHARING in 2012. INCLUDE the fish you gave away, ate fresh, fed to dogs, lost to spoilage, caught as incidental catch while fishing for another species, or got by helping others. If harvested with others, report ONLY YOUR SHARE of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...		IN 2012, HOW MANY WERE REMOVED FOR YOUR OWN USE? (number)	IN 2012, HOW MANY DID YOU REMOVE FROM THE CATCH & GIVE AWAY TO CREW OR OTHERS? CREW OTHERS (number) (number)		ID NUMBER FROM PAGE 2	
	COMMERCIAL FISH FOR _____? (circle)	CATCH AS INCIDENTAL CATCH _____? (circle)		PERMIT HOLDER (number)	CREW (number)		
	Y N	Y N					
CHINOOK (KING) SALMON 113000000	Y N	Y N	IND	IND	IND		
SOCKEYE (RED) SALMON 115000000	Y N	Y N	IND	IND	IND		
COHO (SILVER) SALMON 112000000	Y N	Y N	IND	IND	IND		
CHUM (DOG) SALMON 111000000	Y N	Y N	IND	IND	IND		
PINK (HUMPIES) SALMON 114000000	Y N	Y N	IND	IND	IND		
UNKNOWN SALMON 119000000	Y N	Y N	IND	IND	IND		

HARVESTS: COMMERCIAL NON-SALMON FISHING

HOUSEHOLD ID

Do members of your household **USUALLY** participate in COMMERCIAL NON-SALMON FISHING ?..... Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household participate in commercial non-salmon fishing?..... Y N

If NO, go to the next harvest page.

If YES, continue on this page...

Please estimate the number of commercially harvested non-salmon fish **ALL MEMBERS OF YOUR HOUSEHOLD REMOVED FROM COMMERCIAL HARVEST FOR PERSONAL USE OR SHARING** in 2012. INCLUDE the fish you gave away, ate fresh, fed to dogs, lost to spoilage, caught as incidental catch while fishing for another species, or got by helping others. If harvested with others, report **ONLY YOUR SHARE** of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...		IN 2012, HOW MANY DID YOU REMOVE FROM THE CATCH & GIVE AWAY TO CREW OR OTHERS?			ID NUMBER FROM PAGE 2	
	COMMERCIAL FISH FOR _____?	CATCH AS INCIDENTAL CATCH _____?	IN 2012, HOW MANY WERE REMOVED FOR YOUR OWN USE?	CREW	OTHERS	PERMIT HOLDER	CREW
	(circle)	(circle)	(number)	(number)	(number)	(number)	(number)
HALIBUT 121800000	Y N	Y N	LBS	LBS	LBS		
HERRING 120200000	Y N	Y N	GAL	GAL	GAL		
HERRING SPAWN ON KELP 120306000	Y N	Y N	GAL	GAL	GAL		
HERRING SAC ROE 120304000	Y N	Y N	GAL	GAL	GAL		
PACIFIC COD (GRAY) 121004000	Y N	Y N	IND	IND	IND		
PACIFIC TOM COD 121008000	Y N	Y N	IND	IND	IND		
SCULPIN 123000000	Y N	Y N	IND	IND	IND		
STARRY FLOUNDER 121406000	Y N	Y N	IND	IND	IND		
SMELT 120400000	Y N	Y N	GAL	GAL	GAL		
ROCKFISH 122600000	Y N	Y N	IND	IND	IND		
LAMPREY 122000000	Y N	Y N	IND	IND	IND		
LINGCOD 121606000	Y N	Y N	IND	IND	IND		

HARVESTS: COMMERCIAL MARINE INVERTEBRATE HARVEST

HOUSEHOLD ID

Do members of your household USUALLY participate in COMMERCIAL MARINE INVERTEBRATE HARVEST ?..... Y N

Between JANUARY and DECEMBER, 2012...
 ...Did members of your household participate in commercial marine invertebrate harvest?..... Y N

IF NO, go to the next harvest page.

If YES, continue on this page...

Please estimate the commercially harvested marine invertebrates ALL MEMBERS OF YOUR HOUSEHOLD REMOVED FROM COMMERCIAL HARVEST in 2012. INCLUDE the marine invertebrates you gave away, ate fresh, fed to dogs, lost to spoilage, caught as incidental catch while fishing for another species, or got by helping others. If harvested with others, report ONLY YOUR SHARE of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...		IN 2012, HOW MANY WERE REMOVED FOR YOUR OWN USE? <i>(number)</i>	IN 2012, HOW MANY DID YOU REMOVE FROM THE CATCH & GIVE AWAY TO CREW OR OTHERS? <i>(number)</i>		ID NUMBER FROM PAGE 2	
	COMMERCIAL FISH FOR _____? <i>(circle)</i>	CATCH AS INCIDENTAL CATCH _____? <i>(circle)</i>		CREW	OTHERS	PERMIT HOLDER <i>(number)</i>	CREW <i>(number)</i>
	Y N	Y N		LBS	LBS	LBS	
TANNER CRAB 5Q1Q12000	Y N	Y N	LBS	LBS	LBS		
DUNGENESS CRAB 501004000	Y N	Y N	LBS	LBS	LBS		
SHRIMP 5Q3400000	Y N	Y N	GAL	GAL	GAL		
SQUID 5Q3800000	Y N	Y N	GAL	GAL	GAL		
OCTOPUS 5Q2200000	Y N	Y N	IND	IND	IND		
KING CRAB 501008000	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					
	Y N	Y N					

HARVESTS: SALMON

(NON-COMMERCIAL)

HOUSEHOLD ID

Do members of your household USUALLY harvest SALMON?..... Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household USE or TRY TO HARVEST salmon?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many salmon ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012, including with a rod and reel. INCLUDE salmon you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If fishing with others, report ONLY YOUR SHARE of the catch. Do not include fish caught and released.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID YOUR HOUSEHOLD...					UNITS <i>(ind, lbs)</i>
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	...CATCH WITH A FISH WHEEL?	...CATCH WITH A GILL NET OR SEINE?	...CATCH WITH A DIPNET?	...CATCH WITH ROD AND REEL?	...CATCH WITH OTHER GEAR?	
	<i>(circle)</i>					<i>(number taken by each gear type)</i>					
CHINOOK (KING) SALMON 113000000	Y N	Y N	Y N	Y N	Y N						IND
SOCKEYE (RED) SALMON 115000000	Y N	Y N	Y N	Y N	Y N						IND
COHO (SILVER) SALMON 112000000	Y N	Y N	Y N	Y N	Y N						IND
CHUM (DOG) SALMON 111000000	Y N	Y N	Y N	Y N	Y N						IND
PINK (HUMPIES) SALMON 114000000	Y N	Y N	Y N	Y N	Y N						IND
LANDLOCKED SALMON <i>Kokanee</i> 116000000	Y N	Y N	Y N	Y N	Y N						IND
UNKNOWN SALMON 119000000	Y N	Y N	Y N	Y N	Y N						IND
<i>These columns should include all the harvests: salmon HARVESTED by members of this household in 2012.</i>											

ASSESSMENTS: SALMON

Between JANUARY and DECEMBER, 2012...

To conclude our salmon section, I am going to ask a few general questions about salmon.

Last year...

...did your household use LESS, SAME, or MORE salmon than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

_____ 1

_____ 2

Last year...

...did your household GET ENOUGH salmon?..... Y N

If NO...

What KIND of salmon did you need?.....

How would you describe the impact to your household of not getting enough salmon last year?.....

...minor? (1) ...major? (2) severe? (3)

Do members of your household USUALLY harvest OTHER FISH ?.....Y N

Between JANUARY and DECEMBER, 2012...
 ...Did members of your household USE or TRY TO HARVEST other fish?.....Y N

IF NO to both questions, go to the next harvest page.
If YES, continue on this page...

Please estimate how many other fish ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012, including with a rod and reel. INCLUDE other fish you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If fishing with others, report ONLY YOUR SHARE of the catch. Do not include fish caught and released

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY DID YOUR HOUSEHOLD...				UNITS <i>(ind, lbs)</i>
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	...CATCH WITH GILL NET OR SEINE?	...CATCH WITH ROD AND REEL?	...CATCH WITH ICE FISHING?	...CATCH WITH OTHER GEAR?	
	<i>(circle)</i>					<i>(number taken by each gear type)</i>				
RAINBOW TROUT 126204000	Y N	Y N	Y N	Y N	Y N					IND
LAKE TROUT 125010000	Y N	Y N	Y N	Y N	Y N					IND
CUTTHROAT TROUT 126202000	Y N	Y N	Y N	Y N	Y N					IND
TROUT <i>Unknown</i> 126200000	Y N	Y N	Y N	Y N	Y N					IND
DOLLY VARDEN 125006000	Y N	Y N	Y N	Y N	Y N					IND
GRAYLING 125200000	Y N	Y N	Y N	Y N	Y N					IND
PIKE 125400000	Y N	Y N	Y N	Y N	Y N					IND
BURBOT <i>Ling Cod</i> 124800000	Y N	Y N	Y N	Y N	Y N					IND
ROUND WHITEFISH 126412000	Y N	Y N	Y N	Y N	Y N					IND
HUMPBACK WHITEFISH 126408000	Y N	Y N	Y N	Y N	Y N					IND
BROAD WHITEFISH 126404000	Y N	Y N	Y N	Y N	Y N					IND
LEAST CISCO 126406000	Y N	Y N	Y N	Y N	Y N					IND
UNKNOWN WHITEFISH 126400000	Y N	Y N	Y N	Y N	Y N					IND
SUCKER 126000000	Y N	Y N	Y N	Y N	Y N					IND

Continue on next page

These columns should include all the harvests: other fish HARVESTED by members of this household in 2012.

...continued

Please estimate how many other fish ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012, including with a rod and reel. INCLUDE other fish you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If fishing with others, report ONLY YOUR SHARE of the catch. Do not include fish caught and released.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID YOUR HOUSEHOLD...				UNITS
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	...CATCH WITH GILL NET OR SEINE?	...CATCH WITH ROD AND REEL?	...CATCH ICE FISHING?	...CATCH WITH OTHER GEAR?	
	<i>(circle)</i>					<i>(number taken by each gear type)</i>				
HALIBUT 121800000	Y N	Y N	Y N	Y N	Y N					LBS
HERRING 120200000	Y N	Y N	Y N	Y N	Y N					GAL
PACIFIC COD (GRAY) 121004000	Y N	Y N	Y N	Y N	Y N					IND
PACIFIC TOM COD 121008000	Y N	Y N	Y N	Y N	Y N					IND
STARRY FLOUNDER 121406000	Y N	Y N	Y N	Y N	Y N					IND
SMELT 120400000	Y N	Y N	Y N	Y N	Y N					GAL
ROCKFISH 122600000	Y N	Y N	Y N	Y N	Y N					IND
LAMPREY 122000000	Y N	Y N	Y N	Y N	Y N					IND
LINGCOD 121606000	Y N	Y N	Y N	Y N	Y N					IND
	Y N	Y N	Y N	Y N	Y N					

These columns should include all the harvests: other fish HARVESTED by members of this household in 2012.

OTHER FISH

Between JANUARY and DECEMBER, 2012...

To conclude our other fish section, I am going to ask a few general questions about other fish.

Last year...

...did your household use LESS, SAME, or MORE other fish than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

1
2

Last year...

...did your household GET ENOUGH other fish?.....

Y N

If NO...

What KIND of other fish did you need?.....

How would you describe the impact to your household

of not getting enough other fish last year?.....

...minor? ...major? severe?
(1) (2) (3)

HARVESTS: MARINE INVERTEBRATES/SHELLFISH

HOUSEHOLD ID

Do members of your household USUALLY harvest MARINE INVERTEBRATES/SHELLFISH ?.....Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household USE or TRY TO HARVEST marine invertebrates/shellfish ?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many marine invertebrates/shellfish ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012. INCLUDE marine invertebrates/shellfish you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If fishing with others, report ONLY YOUR SHARE of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID YOUR HOUSEHOLD HARVEST? <i>(number taken)</i>	UNITS <i>(ind, lbs, gal)</i>
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?		
	<i>(circle)</i>						
DUNGENESS CRAB -501004000	Y N	Y N	Y N	Y N	Y N		LBS
KING CRAB -501008000	Y N	Y N	Y N	Y N	Y N		LBS
TANNER CRAB -501012000	Y N	Y N	Y N	Y N	Y N		LBS
RAZOR CLAMS -500612000	Y N	Y N	Y N	Y N	Y N		GAL
FRESHWATER CLAMS -500604000	Y N	Y N	Y N	Y N	Y N		GAL
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		

These columns should include all the harvests: marine invertebrates/shellfish HARVESTED by members of this household in 2012.

MARINE INVERTEBRATES/SHELLFISH

Between JANUARY and DECEMBER, 2012...

To conclude our marine invertebrates/shellfish section, I am going to ask a few general questions about marine invertebrates/shellfish.

Last year...

...did your household use LESS, SAME, or MORE marine invertebrates/shellfish than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

Last year...

...did your household GET ENOUGH marine invertebrates/shellfish?..... Y N

If NO...

What KIND of marine invertebrates/shellfish did you need?.....

How would you describe the impact to your household

of not getting enough marine invertebrates/shellfish last year?.....

...minor?
(1)

...major?
(2)

severe?
(3)

HARVESTS: LARGE LAND MAMMALS

HOUSEHOLD ID

Do members of your household USUALLY hunt for LARGE LAND MAMMALS?.....Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household USE or TRY TO HARVEST large land mammals?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many large land mammals ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012. INCLUDE large land mammals you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If hunting with others, report ONLY YOUR SHARE of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID MEMBERS OF YOUR HOUSEHOLD HARVEST?												UNITS						
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	SEX	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER		DECEMBER	UNKNOWN				
	(circle)					(enter number by sex and month of take)														(ind)				
MOOSE	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..211800000																								
..211800001																								
..211800002																								
..211800009																								
CARIBOU	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..211000000																								
..211000001																								
..211000002																								
..211000009																								
BLACK BEAR	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..210600000																								
BROWN BEAR	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..210800000																								
DALL SHEEP	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..212200000																								
GOAT	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..211600000																								
DEER	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND
..211200000																								
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		IND

LARGE LAND MAMMALS

Between JANUARY and DECEMBER, 2012...

To conclude our large land mammals section, I am going to ask a few general questions about large land mammals.

Last year...

...did your household use LESS, SAME, or MORE large land mammals than in recent years?..... X L S M

If LESS or MORE...

WHY was your use different?.....
 _____ 1
 _____ 2

Last year...

...did your household GET ENOUGH large land mammals?..... Y N

If NO...

What KIND of large land mammals did you need?.....

How would you describe the impact to your household of not getting enough large land mammals last year?.....

...minor? (1) ...major? (2) severe? (3)

HARVESTS: SMALL LAND MAMMALS OR FURBEARERS HOUSEHOLD ID

Do members of your household **USUALLY** hunt or trap for SMALL LAND MAMMALS OR FURBEARERS for subsistence?.....Y N

Between JANUARY and DECEMBER, 2012...
 ...Did members of your household **USE** or **TRY TO HARVEST** small land mammals or furbearers?.....Y N

IF NO to both questions, go to the next harvest page.
If YES, continue on this page...

Please estimate how many small land mammals or furbearers **ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED** in 2012. INCLUDE small land mammals or furbearers you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If hunting or trapping with others, report **ONLY YOUR SHARE** of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY DID MEMBERS OF YOUR HOUSEHOLD HARVEST?												UNITS		
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		UNKNOWN	
	<i>(circle)</i>					<i>(enter number by month of take)</i>													<i>(ind)</i>	
BEAVER 220200000	Y N	Y N	Y N	Y N	Y N															IND
PORCUPINE 222600000	Y N	Y N	Y N	Y N	Y N															IND
SNOWSHOE HARE 221004000	Y N	Y N	Y N	Y N	Y N															IND
RED FOX 220804000	Y N	Y N	Y N	Y N	Y N															IND
CROSS FOX 220804020	Y N	Y N	Y N	Y N	Y N															IND
WOLF 223200000	Y N	Y N	Y N	Y N	Y N															IND
WOLVERINE 223400000	Y N	Y N	Y N	Y N	Y N															IND
LAND OTTER 221200000	Y N	Y N	Y N	Y N	Y N															IND
MUSKRAT 222400000	Y N	Y N	Y N	Y N	Y N															IND
WEASEL 223000000	Y N	Y N	Y N	Y N	Y N															IND
LYNX 221600000	Y N	Y N	Y N	Y N	Y N															IND
	Y N	Y N	Y N	Y N	Y N															IND

Continue on next page

HARVESTS: SMALL LAND MAMMALS OR FURBEARERS

HOUSEHOLD ID

....continued

Please estimate how many small land mammals or furbearers ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012. INCLUDE small land mammals or furbearers you gave away, ate fresh, fed to dogs, lost to spoilage, or got by helping others. If hunting or trapping with others, report ONLY YOUR SHARE of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID MEMBERS OF YOUR HOUSEHOLD HARVEST?												UNITS		
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		UNKNOWN	
	<i>(circle)</i>					<i>(enter number by month of take)</i>													<i>(ind)</i>	
MARTEN 222000000	Y N	Y N	Y N	Y N	Y N															IND
COYOTE 220400000	Y N	Y N	Y N	Y N	Y N															IND
MINK 222200000	Y N	Y N	Y N	Y N	Y N															IND
MARMOT 221800000	Y N	Y N	Y N	Y N	Y N															IND
GROUND SQUIRREL 222800000	Y N	Y N	Y N	Y N	Y N															IND
TREE SQUIRREL 222804000	Y N	Y N	Y N	Y N	Y N															IND
	Y N	Y N	Y N	Y N	Y N															IND
	Y N	Y N	Y N	Y N	Y N															IND

SMALL LAND MAMMALS OR FURBEARERS

Between JANUARY and DECEMBER, 2012...

To conclude our small land mammals or furbearers section, I am going to ask a few general questions about small land mammals or furbearers. Last year...

...did your household use LESS, SAME, or MORE small land mammals or furbearers than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

1

2

Last year...

...did your household GET ENOUGH small land mammals or furbearers?..... Y N

If NO...

What KIND of small land mammals or furbearers did you need?.....

How would you describe the impact to your household

of not getting enough small land mammals or furbearers last year?..... ...minor? ...major? severe?

(1)

(2)

(3)

HARVESTS: MIGRATORY WATERFOWL

HOUSEHOLD ID

Do members of your household **USUALLY** hunt for MIGRATORY WATERFOWL?.....Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household **USE** or **TRY TO HARVEST** migratory waterfowl?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many migratory waterfowl **ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED** in 2012. INCLUDE migratory waterfowl you gave away, ate fresh, lost to spoilage, or got by helping others. If hunting with others, report **ONLY YOUR SHARE** of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID MEMBERS OF YOUR HOUSEHOLD ?								
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	Spring			Summer		Fall		UNKNOWN	
						APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER		
	<i>(circle)</i>													
CANADA GEESE (CACKLERS) 410404040	Y N	Y N	Y N	Y N	Y N									
CANADA GEESE (BIG LESSER) 410404080	Y N	Y N	Y N	Y N	Y N									
CANADA GEESE (UNKNOWN) 410404000	Y N	Y N	Y N	Y N	Y N									
WHITE-FRONTED GEESE <i>Specklebelly</i> 410410000	Y N	Y N	Y N	Y N	Y N									
SPECTACLED EIDER 410206060	Y N	Y N	Y N	Y N	Y N									
BRANT (SEA GEESE) 410402000	Y N	Y N	Y N	Y N	Y N									
EMPEROR GEESE 410406000	Y N	Y N	Y N	Y N	Y N									
SNOW GEESE 410408000	Y N	Y N	Y N	Y N	Y N									
GEESE (UNKNOWN) 410400000	Y N	Y N	Y N	Y N	Y N									
TUNDRA SWAN (WHISTLING) 410604000	Y N	Y N	Y N	Y N	Y N									
SANDHILL CRANE 410802000	Y N	Y N	Y N	Y N	Y N									
MALLARD 410214000	Y N	Y N	Y N	Y N	Y N									
NORTHERN PINTAIL 410220000	Y N	Y N	Y N	Y N	Y N									

Continue on next page.

HARVESTS: MIGRATORY WATERFOWL

...continued

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID MEMBERS OF YOUR HOUSEHOLD ?									
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	Spring			Summer		Fall		UNKNOWN		
						APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER			
	(circle)														
GOLDENEYE	Y N	Y N	Y N	Y N	Y N										
410210000															
GREEN WINGED TEAL	Y N	Y N	Y N	Y N	Y N										
410232060															
CANVASBACK	Y N	Y N	Y N	Y N	Y N										
410204000															
BLACK SCOTER (BLACK DUCK)	Y N	Y N	Y N	Y N	Y N										
410228020															
DUCKS (UNKNOWN)	Y N	Y N	Y N	Y N	Y N										
410200000															
	Y N	Y N	Y N	Y N	Y N										
	Y N	Y N	Y N	Y N	Y N										
	Y N	Y N	Y N	Y N	Y N										

MIGRATORY WATERFOWL

Between JANUARY and DECEMBER, 2012...

To conclude our migratory waterfowl section, I am going to ask a few general questions about migratory waterfowl.

Last year...

...did your household use LESS, SAME, or MORE migratory waterfowl than in recent years?.....

X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

1

2

Last year...

...did your household GET ENOUGH migratory waterfowl?..... Y N

If NO...

What KIND of migratory waterfowl did you need?.....

How would you describe the impact to your household

of not getting enough migratory waterfowl last year?..... ...minor? ...major? severe?

(1)

(2)

(3)

HARVESTS: OTHER BIRDS

HOUSEHOLD ID

Do members of your household **USUALLY** hunt for OTHER BIRDS?.....Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household **USE** or **TRY TO HARVEST** other birds?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many other birds ALL MEMBERS OF YOUR HOUSEHOLD HARVESTED in 2012. INCLUDE other birds you gave away, ate fresh, lost to spoilage, or got by helping others. If hunting with others, report **ONLY YOUR SHARE** of the catch.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY _____ DID MEMBERS OF YOUR HOUSEHOLD HARVEST?												
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	Winter			Spring			Summer		Fall		Winter		UNKNOWN
						JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
PTARMIGAN	Y N	Y N	Y N	Y N	Y N													
421804000																		
SPRUCE GROUSE	Y N	Y N	Y N	Y N	Y N													
421802020																		
RUFFED GROUSE	Y N	Y N	Y N	Y N	Y N													
421802060																		
SHARP-TAILED GROUSE	Y N	Y N	Y N	Y N	Y N													
421802040																		
	Y N	Y N	Y N	Y N	Y N													
	Y N	Y N	Y N	Y N	Y N													
	Y N	Y N	Y N	Y N	Y N													

OTHER BIRDS

Between JANUARY and DECEMBER, 2012...

To conclude our other birds section, I am going to ask a few general questions about other birds.

Last year...

...did your household use LESS, SAME, or MORE other birds than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

_____ 1

_____ 2

Last year...

...did your household GET ENOUGH other birds?..... Y N

If NO...

What KIND of other birds did you need?.....

How would you describe the impact to your household of not getting enough other birds last year?.....

...minor? (1) ...major? (2) severe? (3)

HARVESTS: BIRD EGGS

HOUSEHOLD ID

Do members of your household **USUALLY** look for BIRD EGGS?.....Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household **USE** or **TRY TO GATHER** bird eggs?.....Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many bird eggs ALL MEMBERS OF YOUR HOUSEHOLD GATHERED in 2012. INCLUDE bird eggs you gave away, ate fresh, lost to spoilage, or got by helping others. If looking with others, report **ONLY YOUR SHARE** of the eggs.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2011, HOW MANY DID MEMBERS OF YOUR HOUSEHOLD HARVEST? (number)	UNITS/NOTES (each, gallons, buckets, etc.)
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?		
	(circle)						
GULL EGGS	Y N	Y N	Y N	Y N	Y N		
431212000							
GEESE EGGS	Y N	Y N	Y N	Y N	Y N		
430400000							
DUCK EGGS	Y N	Y N	Y N	Y N	Y N		
430200000							
EGGS (UNKNOWN)	Y N	Y N	Y N	Y N	Y N		
430000000							
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		

EGGS

Between JANUARY and DECEMBER, 2012...

To conclude our eggs section, I am going to ask a few general questions about resource name.

Last year...

...did your household use LESS, SAME, or MORE eggs than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

1 2

Last year...

...did your household GET ENOUGH eggs?..... Y N

If NO...

What KIND of eggs did you need?.....

How would you describe the impact to your household of not getting enough eggs last year?.....

...minor? (1) ...major? (2) severe? (3)

HARVESTS: PLANTS AND BERRIES INCLUDING WOOD

HOUSEHOLD ID

Do members of your household **USUALLY** harvest **PLANTS AND BERRIES INCLUDING WOOD**?..... Y N

Between JANUARY and DECEMBER, 2012...

...Did members of your household **USE** or **TRY TO HARVEST** plants and berries including wood?..... Y N

IF NO to both questions, go to the next harvest page.

If YES, continue on this page...

Please estimate how many plants and berries including wood **ALL MEMBERS OF YOUR HOUSEHOLD** HARVESTING in 2012. INCLUDE plants and berries including wood you gave away, ate fresh, lost to spoilage, or got by helping others. If harvesting with others, report **ONLY YOUR SHARE** of the harvest.

	IN 2012 DID MEMBERS OF YOUR HH...					IN 2012, HOW MANY DID MEMBERS OF YOUR HOUSEHOLD HARVEST? <i>(number)</i>	UNITS/NOTES <i>(each, gallons, buckets, etc.)</i>
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?		
	<i>(circle)</i>						
BLUEBERRY 601002000	Y N	Y N	Y N	Y N	Y N		
LOW BUSH CRANBERRY 601004000	Y N	Y N	Y N	Y N	Y N		
HIGH BUSH CRANBERRY 601006000	Y N	Y N	Y N	Y N	Y N		
RASPBERRY 601020000	Y N	Y N	Y N	Y N	Y N		
OTHER BERRIES <i>(List)</i> 601000000	Y N	Y N	Y N	Y N	Y N		
HUDSON BAY TEA <i>Labrador Tea</i> 602018000	Y N	Y N	Y N	Y N	Y N		
MUSHROOMS 602040000	Y N	Y N	Y N	Y N	Y N		
OTHER PLANTS <i>(List)</i> 602000002	Y N	Y N	Y N	Y N	Y N		
WOOD <i>Firewood</i> 604000000	Y N	Y N	Y N	Y N	Y N		
WOOD <i>(Specify Use)</i> 604000002	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		

PLANTS AND BERRIES

Between JANUARY and DECEMBER, 2012...

To conclude our plants and berries section, I am going to ask a few general questions about plants and berries.

Last year...

...did your household use LESS, SAME, or MORE plants and berries than in recent years?..... X L S M

If LESS or MORE...

X = do not use

WHY was your use different?.....

1
 2

Last year...

...did your household GET ENOUGH plants and berries?..... Y N

If NO...

What KIND of plants and berries did you need?.....

How would you describe the impact to your household of not getting enough plants and berries last year?.....

...minor? ...major? severe?
(1) (2) (3)

ASSESSMENTS

HOUSEHOLD ID

SUBSISTENCE ASSESSMENTS: ALL RESOURCES

To conclude our harvest section, I am going to ask a few general questions about ALL WILD RESOURCES. Think about your entire harvest last year. Last year...

...overall did your household use LESS, SAME, or MORE wild resources than in recent years?..... X L S M
 If LESS or MORE... X = do not use

WHY was your use different?..... 1
 2

Last year...
 ...did your household GET ENOUGH wild resources?..... Y N

If NO...
 What KIND of wild did you need?.....

Overall why do you think you did not get enough wild resources?..... 1
 2

How would you describe the impact to your household of not getting enough wild resources last year?.....
 ...not noticeable? (0) ...minor? (1) ...major? (2) severe? (3)

HEALTH IMPACT ASSESSMENTS

In a normal week, how many times a day on average are wild foods such as salmon, non-salmon fish, moose, caribou, birds, etc. served in your household?
 (circle ONE response)
 NONE Don't use (0) | LESS than once a day (1) | About ONCE a day (2) | 2 OR 3 times a day (3) | 3 OR MORE times a day (4)

If this household does NOT USE wild foods, go to the next page.
 Otherwise, continue below...

Please list the TOP FIVE WILD FOODS members of your household eat on a regular basis. Include wild foods that may not be available now, but are important at other times of the year. Please list most important foods first.

(Not necessary to fill out every line)

	Subsistence Food 1	Subsistence Food 2	Subsistence Food 3	Subsistence Food 4	Subsistence Food 5
TOP FIVE SUBSISTENCE FOODS	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If your household CANNOT GET WILD FOODS, what do members of your household eat instead? Include alternate foods that may not be available now, but are important at other times of the year. Please list most important alternative foods first.

(Not necessary to fill out every line)

	Other Food	Other Food	Other Food	Other Food	Other Food
OTHER FOODS (1 TO 5)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
OTHER FOODS (6 TO 10)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Between JANUARY and DECEMBER, 2012...

...Did any members of your household earn money from a JOB or from SELF EMPLOYMENT?..... Y N

For each member of this household born before 1997, please list EACH JOB held between JANUARY and DECEMBER, 2012.

For household members who did not have a job, write: "RETIRED," "UNEMPLOYED," "STUDENT," "HOMEMAKER," etc.

There should be at least ONE ROW for each member of this household born BEFORE 1997.

WORK SCHEDULE...

We ask about jobs and income because we are trying to understand all parts of the community economy. Many people use wages from jobs to support subsistence activities. If one person has more than one job, list each job on a separate line. (One person may have several lines.)

REMEMBER COMMERCIAL FISHING & TRAPPING IF APPLICABLE.

1ST JOB	WHO HAD THIS JOB?	WHAT KIND OF WORK DID HE/SHE DO IN THIS JOB?	FOR WHOM DID HE/SHE WORK IN THIS JOB?	JOB LOCATION?	IN 2012, WHAT MONTHS DID HE OR SHE WORK IN THIS JOB?	WORK SCHEDULE...					IN 2012, HOW MUCH DID HE/SHE EARN IN THIS JOB?
						FULL TIME	PART TIME	SHIFT - FULL TIME	ON-CALL, VARIES	SHIFT - PART TIME	
	person	job title	employer, SIC	community	circle each month worked	circle one					\$ /YR
1	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
2	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
3	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
4	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
5	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
6	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
7	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
8	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
9	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
10	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
11	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					
12	6	910100000	SOC		J F M A M J J A S O N D	FT	PT	SF	OC	SP	\$ /YR
						SCHEDULE					

If a person is SELF-EMPLOYED (selling carvings, crafts, bread, etc), list that as a separate job. Enter "sewer," "carver," "baker," etc. as JOB TITLE. Work schedule usually will be "ON CALL." For gross income from self employment ("profit"), enter revenue MINUS expenses.

If a person is UNEMPLOYED, specify retired, unemployed, disabled, student, or homemaker as the JOB TITLE.
TRAPPING for barter or sale IS a job. COMMERCIAL FISHING is recorded as "ON-CALL, VARIES" for work schedule.

WORK SCHEDULE
1 - Fulltime (35+ hours/week)
2 - Parttime (<35 hours/week)
3 - Shift (2 wks on/2 off, etc.)
4 - Irregular, on call

GROSS INCOME is the same as TAXABLE INCOME on a W-2 form.

OTHER INCOME

THIS PAGE IS ONLY FOR INCOME THAT IS NOT EARNED FROM WORKING

HOUSEHOLD ID

Between JANUARY and DECEMBER, 2012...

...Did any members of your household receive a dividend from the Permanent Fund or a Native Corporation?..... Y N

If NO, go to the next section on this page.

If YES, continue below...

DIVIDENDS	ALASKA PERMANENT FUND DIVIDEND	DID ANYONE IN YOUR HH RECEIVE INCOME FROM _____ IN 2012? (circle one)	TOTAL AMOUNT OF YOUR HH RECEIVED IN 2012? (dollars)	ALASKA PFD IN 2012		ALASKA NATIVE CORP DIVIDENDS IN 2012	
				1 PFD = \$	2 PFDs = \$	1 share = \$0.00	Additional dividends?
	32.	Y N	\$ /YR	3 PFDs = \$	4 PFDs = \$	100 shrs = \$0	
				5 PFDs = \$	6 PFDs = \$	150 shrs = \$0	
				7 PFDs = \$	8 PFDs = \$	200 shrs = \$0	
				9 PFDs = \$	10 PFDs = \$		
				11 PFDs = \$			

Between JANUARY and DECEMBER, 2012...

...Did any members of your household receive OTHER income such as SENIOR BENEFITS or UNEMPLOYMENT?..... Y N

If NO, go to the next page.

If YES, continue below...

	RECEIVED IN 2012? (circle one)	TOTAL AMOUNT IN 2012? (dollars)	scratch paper for calculations	
			\$ _____ per week for _____ weeks =	\$ _____ per month for _____ months =
JOB BENEFITS	UNEMPLOYMENT	Y N	\$ /YR	
	12.			
	WORKERS' COMPENSATION	Y N	\$ /YR	
	8.			
ASSISTANCE	FOOD STAMPS (QUEST CARD)	Y N	\$ /YR	
	11.			
	ADULT PUBLIC ASSISTANCE	Y N	\$ /YR	
	3.			
ELDER BENEFITS	ALASKA SENIOR BENEFITS (LONGEVITY)	Y N	\$ /YR	Depends on Income \$125 per month for 12 months = \$1,500 per elder \$175 per month for 12 months = \$2,100 per elder \$250 per month for 12 months = \$3,000 per elder
	PENSION & RETIREMENT	Y N	\$ /YR	\$ _____ per week for _____ weeks = \$ _____ per month for _____ months =
	5.			
	SOCIAL SECURITY	Y N	\$ /YR	\$ _____ per week for _____ weeks = \$ _____ per month for _____ months =
	7.			
CHILD BENEFITS	SUPPLEMENTAL SECURITY	Y N	\$ /YR	\$ _____ per week for _____ weeks = \$ _____ per month for _____ months =
	10.			
	FOSTER CARE	Y N	\$ /YR	\$ _____ per week for _____ weeks = \$ _____ per month for _____ months =
	CHILD SUPPORT	Y N	\$ /YR	\$ _____ per week for _____ weeks = \$ _____ per month for _____ months =
	15.			
OTHER	ENERGY ASSISTANCE	Y N	\$ /YR	
	9.			
	OTHER (describe)	Y N	\$ /YR	

DO YOU HAVE ANY QUESTIONS, COMMENTS, OR CONCERNS?

DRAFT

INTERVIEW SUMMARY:

BE SURE TO FILL IN THE STOP TIME ON THE FIRST PAGE!!!!

ATTACHMENT 14-3
HOUSEHOLD HARVEST SURVEY KEY INFORMANT INTERVIEW
PROTOCOL (DRAFT)

Household Harvest Survey Key Informant Interview Protocol (Draft)

SUSITNA BASIN 2013

Name of community:

Date:

Name of interviewer:

Name of respondent:

Age of respondent:

How long have you lived in this community?

Would you like to have your name included in the report? Yes No

Notes:

PROJECT OVERVIEW

We are currently conducting a survey in your community to document the harvest and use of wild resources for the calendar year 2013. We understand that one year doesn't represent the long-term pattern of resource use. As part of this survey we ask questions about how the harvest and use of wild resources is different than in recent years, say the past five years. In addition, this interview is intended to help us better understand long-term trends in harvest patterns over time, possibly over your lifetime. We appreciate you sharing this information with us as it will give us a much better understanding of the changes that have occurred in your area over time.

Note to interviewer. You do not have to ask all of these questions. You can simply ask the main questions and then use this protocol as a guide to understand the types of questions we are interested in.

WHERE, HOW, AND FROM WHOM, DID YOU LEARN YOUR SUBSISTENCE WAY OF LIFE?

FISH (SALMON/NON-SALMON) – What kinds of fish are important to your household and community? How has this changed over your lifetime?

- Difference between salmon and non-salmon fish for your community?
- Have your harvest locations for fish changed over time?
- Has harvest timing changed?
- What kind of gear/transportation did you use in the past? What about now?
- Have environmental changes affected harvest patterns over your lifetime?

LARGE LAND MAMMALS – What large animals are most important to your household and community? Has what you harvest and how you harvest changed over your lifetime?

- Has harvest timing changed? If so why?
- How have you changed the areas where you harvest over your lifetime, and why do you think this has occurred?
- What kind of transportation did you use in the past and how has this changed over time?

SMALL LAND MAMMALS/FURBEARERS – What small game and furbearers are most important to your household and community? How has your harvesting effort changed over your lifetime?

- What small game do you harvest to eat and which game do you harvest for fur?
- Has harvest timing changed? What about harvest locations?
- Do you harvest small game opportunistically or do you target small game?
- What kind of gear/transportation did you use in the past? What about now?

BIRDS AND EGGS – What birds are most important to your household and community? How has your harvesting effort changed over your lifetime?

- Are eggs important to your household or community?
- Has harvest timing changed?
- Are the places you go to find birds and eggs different now than in the past?

PLANTS/BERRIES/WOOD – What plants and berries are most important to your household and community? Has what you harvest and how you harvest changed over your lifetime?

- Has harvest timing changed?
- Do you use more or less wood for heat than in the past? Is it more or less difficult to find wood?
- Are the places you go to find plants, berries, or wood different now than in the past?
- What kind of transportation did you use in the past? What about now?
- How has environmental change affected the areas you use to harvest berries? What about the abundance of berries?

RESOURCES PARTICULAR TO YOUR COMMUNITY

- Are there resources that you feel are unique to your community, or hold a special value to your community?
- Are there particular times of year that you harvest these resources? What about sharing these resources within your community and with other communities?

FINAL COMMENTS

What do you feel has been the biggest change in your subsistence way of life, from the time you can remember until now?

Do you recall a time before regulations were enforced? How have your harvest practices and patterns changed since that time?

Is there anything else you would like to share?

ATTACHMENT 14-4
ACTIVE HARVESTER SUBSISTENCE MAPPING INTERVIEW
PROTOCOL (DRAFT)

Active Harvester Subsistence Mapping Interview Protocol (Draft)

Susitna-Watana Hydroelectric Project
Alaska Energy Authority
2013

Community: _____ Date of Interview: _____ Interviewers: _____
Start Time: _____ End Time: _____

Section A: Respondent Information

For each individual completing the interview:

Respondent	1	2	3	4
Respondent ID				
Birth year				
Birth Residence				
Residence history				
Active Harvester?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section B: Community Trails and Travel Routes

Travel Routes (including routes to other villages)	Record the following information for Last 10 Year Travel Routes (√ box to indicate complete)				
Location	Line	Line	Line	Line	Line
Travel Method					

Section C: Last 10 Year Subsistence Mapping and Resource Change

Document last 10 year subsistence use areas for each of the following resource categories:

	Caribou	Moose	Other Large Land Mammals	Furbearers & SLM	Waterfowl	Upland Birds	Eggs	Salmon	Non-Salmon Fish	Berries & Plants	Other
Recorded Last 10 Year Use Areas and/or Traplines? (Check if Yes)											
Record baseline indicators for above mapped features											

Document last 10 year observed changes for the following resource categories and change types:

	Caribou	Moose	Other Large Land Mammals	Furbearers & SLM	Waterfowl	Upland Birds	Eggs	Salmon	Non-Salmon Fish	Berries & Plants	Other
Use											
Abundance											
Migration/ Distribution											
Health/ Quality											
For each of the above changes, record how and why the change is believed to have occurred											

Section D: Last Year Subsistence Activities

Between January 1, 2012 and December 31, 2012, did you **try to harvest...** [Check the appropriate boxes for each resource]

Caribou	Moose	Bear Sheep	Furbearers & SLM	Marine Mammals	Waterfowl	Upland Birds	Eggs	Salmon	Non- Salmon Fish	Marine Inverts.	Berries & Plants	Other

[Starting in January, record each of the subsistence activities the harvester engaged in between January 1, 2012 and December 31, 2012, by month. Document the following information for each activity identified. Use additional forms as needed.]

	Harvest Activity					
	1	2	3	4	5	6
Subsistence Resources Targeted [List and circle TARGET resource]						
Record baseline indicators for each harvest activity						

Section E: Issues and Concerns

Issues and Concerns

- Do you have any issues and concerns regarding your subsistence lifestyle and/or your community? (e.g., sport hunting and fishing, climate change, development)
- Do you have any issues and concerns regarding cultural resources?
- Are there comments you would like to express about the proposed project?
- Suggestions or overall message for the project?

Other

- Are there other active harvesters in the community that we should interview?

ATTACHMENT 14-5
TRADITIONAL KNOWLEDGE WORKSHOP PROTOCOL (DRAFT)

Traditional Knowledge Workshop Protocol (Draft)

Susitna-Watana Hydroelectric Project

Physical Environment

1. Terrestrial Environment (e.g., soils, permafrost, erosion)
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **soils or land** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
2. Watershed (e.g., rivers, lakes, and wetlands [e.g., swampy areas])
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **rivers, lakes, and wetlands** (swampy areas) in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
3. Storms, Winds, and Climate
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **storms, winds, or climate** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
4. Ice and Snow
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **ice and snow** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
5. Air Quality
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **air quality** in the Project area?
 - i. Specific places
 - b. *Additional questions to be provided by relevant resource authors*
6. Earthquakes and Volcanoes
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **earthquakes and volcanoes** in the Project area?
 - i. Specific places
 - b. *Additional questions to be provided by relevant resource authors*

Biological Environment

1. Vegetation
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **plants and trees** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
2. Wildlife
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **animals** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*
3. Fish
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **fish** in the Project area?
 - i. Specific Places?
 - b. *Additional questions to be provided by relevant resource authors*

Social Environment

1. Cultural Resources
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **culturally important places** in the Project area?
 - i. E.g., camps, cabins, and caches; old village sites; burials; place names; traditional use areas; traditional and contemporary trails and travel routes; important traditional lookouts; any other areas of importance?
 - b. *Additional questions to be provided by relevant resource authors*
2. Subsistence
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **subsistence** hunting, fishing, and gathering (e.g., berries, plants, firewood) activities in the Project area?
 - i. Specific places?
 - ii. For what resources?
 - b. Are there important areas for hunting or gathering or other cultural activities that you feel need to be protected or considered by the Project?
 - c. In general, when do you most actively use the Project area for subsistence harvesting activities?
 - d. Approximately what proportion of your community's subsistence harvest comes from the Project area?
 - e. *Additional relevant questions may be provided by resource authors*

3. Noise and Visual
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **noise and visual** effects?
 - i. Specific places?
 - b. *Additional questions to be provided by relevant resource authors*
4. Socioeconomics
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **social and economic** issues or topics?
 - b. *Additional questions to be provided by relevant resource authors*
5. *Health*
 - a. Is there anything the Susitna-Watana Hydroelectric Project should know about **health** issues or topics?
 - b. *Additional questions to be provided by relevant resource authors*

Additional Comments

1. Do you have any comments regarding potential benefits or impacts of the Susitna-Watana Hydroelectric Project? If so, what are your comments?
 - a. E.g., Land, Water, Air, Weather, Plants/Trees, Animals, Culturally Important Places, Subsistence, Noise/Views, Social and Economic
 - b. *Additional questions to be developed through dialogue with AEA and review of scoping comments*

