Susitna-Watana Hydroelectric Project Document ARLIS Uniform Cover Page

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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.

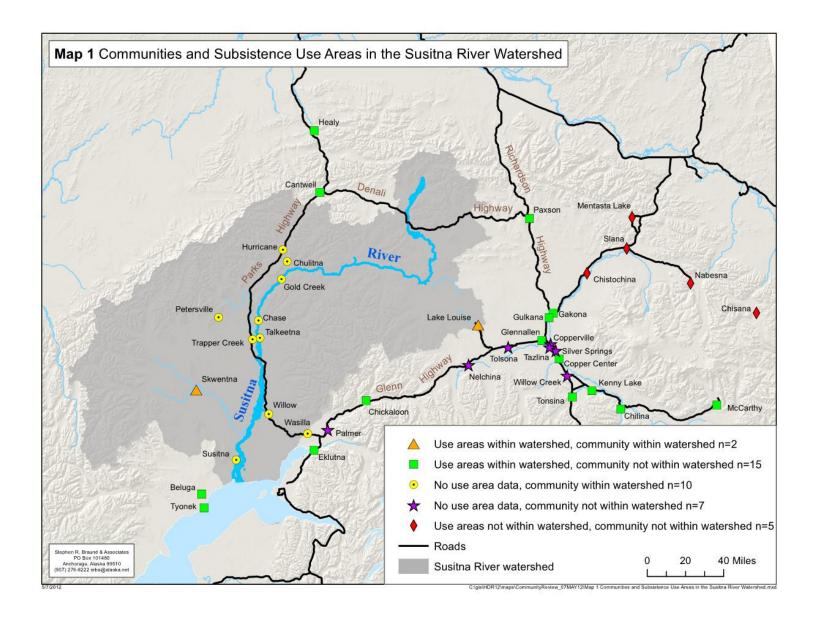
Recent (last three year) harvest data are currently available for only 11 of the 42 communities in Table 1. In their scope of work, ADF&G included communities that are not located in the Susitna River watershed and whose use areas are not included in the Susitna River watershed. These include Chistochina, Mentasta, Nabesna, and Slana. In addition, ADF&G included communities that are not located in the Sustina 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

	Reason f	or Study Com	munity Consideration		Proximity t	o Susitna River	Watershed			
Community	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	Harvest Data Last 3 Years (2009 or Later) ¹	Notes
1 Beluga	x				11	x	0	x		
2 Cantwell	х	x			5	X	0	х		
3 Chase	х	x		х	0	No Data	No Data	х		
4 Chickaloon			x		14	x	0	х		
5 Chisana		x			143		95			
6 Chistochina	х	x			53		25		x	
7 Chitina	х				85	х	0	х	х	
8 Chulitna		х		х	0	No Data	No Data	х		
9 Copper Center	х	х			45	х	0	х	x	
10 Copperville	х	х			35	No Data	No Data	No Data		
11 Denali Hwy Households & Lodges		x		х	n/a	No Data	No Data	х		Portion of Denali Highway is in watershed.
12 Eklutna			х		9	х	0	х		
13 Gakona	х	x			35	х	0	х	x	
14 Glennallen	х	x			30	x	0	х		
15 Gold Creek		х		х	0	No Data	No Data	х		
16 Gulkana	x	х			35	х	0	x	İ	
17 Healy			х		32	×	0	×		
18 Hurricane/Broad Pass		х		х	0	No Data	No Data	×		
19 Kenny Lake	x				62	x	0	x	х	
20 Lake Louise	^		х	x	0	×	0	×	<u> </u>	
21 McCarthy	x	х	^		127	X	0	X	x	
22 Mentasta	×	X			71	^	52	^	×	
23 Nabesna	X	^			107		52		×	
	-					No Data		N- D-t-	×	
24 Nelchina 25 Palmer	х				10 8	No Data	No Data	No Data	1	
L		X				No Data	No Data	No Data		Danie III-le de la constante d
26 Parks Hwy Dispersed Households		Х		х	n/a	No Data	No Data	х		Parks Highway transects watershed
27 Paxson	х	Х			23	X	0	х		
28 Petersville		Х		х	0	No Data	No Data	X		
29 Silver Springs	Х	Х			37	No Data	No Data	No Data	х	
30 Skwentna	х			х	0	Х	0	х		Use Areas for Upper Yentna
31 Slana	х	х		ļ	70		42		х	
32 Susitna	х			х	0	No Data	No Data	х		
33 Talkeetna		Х		х	0	No Data	No Data	х	ļ	
34 Tazlina	х	х			37	No Data	No Data	No Data		
35 Tolsona	х				14	No Data	No Data	No Data		
36 Tonsina	х				56	х	0	х		
37 Trapper Creek		х		х	0	No Data	No Data	х		
38 Tyonek	x				17	х	0	x		
39 Wasilla		Х		х	0	No Data	No Data	х		
40 Western Susitna Basin			х	n/a	n/a	x	0	x		Use area data are not provided at a community- specific level
41 Willow		х		x	0	No Data	No Data	x	1	
42 Willow Creek	х	<u> </u>		† · · · · ·	48	No Data	No Data	No Data	x	
Includes harvest data collected during ADF&G househol		Harvest data (renerally include subsist	tonco hacolino in					1	haring and harvest diversity Additional

Includes 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

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

HDR
2525 C STREET, SUITE 305
ANCHORAGE, AK 99503

907-269-8000 907-267-2353 907-644-2117

Between JANUARY and DECEMBER, 2012...

...who lived in your household?

	IS THIS PERSON			IN WHAT			HOW MANY
	ANSWERING			YEAR	WHERE WERE	HOW IS THIS	YEARS HAS
	QUESTIONS	MALE		WAS THIS	PARENTS LIVING	PERSON RELATED	THIS PERSON
	ON THIS	OR	ALASKA	PERSON	WHEN THIS PERSON	TO HOUSEHOLD	LIVED IN
	SURVEY?	FEMALE?	NATIVE?	BORN?	WAS BORN?	HEAD 1?	SUSITNA?
ID#	(circle)	(circle)	(circle)	(year)	(ak city or state)	(relation)	(number)
HEAD 1	Y N	M F	YN	<u> </u>		(YRS
					00000000000		
01				NUN CUY			
		Enter spou	se or partner next	. If household has	a SINGLE HEAD, leave HEA	AD 2 blank.	T
HEAD 2	Y N	M F	Y N				YRS
02							
	Enter children (o	ldest to youngest,), grandchildren, g	randparents, brot	thers, sisters, or anyone els	e living full-time in this hou	sehold.
03	Y N	M F	Y N				YRS
04	ΥN	M F	Y N				YRS
05	Y N	M F	Y N	_			YRS
06	ΥN	M F	Y N				YRS
07	Y N	M F	Y N		 		YRS
08	ΥN	M F	ΥN				YRS
09	Y N	M F	Y N				YRS
10	ΥN	M F	ΥN				YRS
5.5.5.5							
11	Y N	M F	Y N				YRS
12	ΥN	M F	Y N				YRS
	\						
13	Y N	M F	ΥN				YRS
							haanaaaa
14	ΥN	M F	Y N				YRS
					5555555555		55555555
15	ΥN	M F	ΥN				YRS
	T IN	M F	T IN	Badaaaaa			

HOUSEHOLD ID

Between JANUARY and DECEMBER, 2012...

...did this person...

PERSON	Fi	ish	Large Land	l Mammals		Mammals earers	Birds	& Eggs	Plants/Ber	ries/Wood
ID# FROM	Fish	Process	Hunt	Process	Hunt/Trap	Process	Hunt/Gather	Process	Gather	Process
Page 2	(circle)	(circle)	(circle)	(circle)	(circle)	(circle)	(circle)	(circle)	(circle)	(circle)
Head 1	ΥN	ΥN	ΥN	Y N	Y N	Y N	ΥN	Y N	ΥN	Y N
Head 2	ΥN	Y N	ΥN	ΥN	Y N	ΥN	Y N	Y N	ΥN	ΥN
							. /			
03	Y N	Y N	ΥN	Y N	ΥN	ΥN	Y N	Y N	Y N	Y N
04	ΥN	Y N	ΥN	Y N	ΥN	Y N	Y N	Y N	ΥN	Y N
05	ΥN	Y N	ΥN	Y N	ΥN	ΥN	ΥN	ΥN	ΥN	ΥN
06	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	ΥN	ΥN
07	ΥN	Y N	Y N	ΥN	Y N	Y N	Y N	Y N	ΥN	ΥN
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	ΥN	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N	ΥN
11	Y N	Y N	ΥN	Y N	ΥN	ΥN	Y N	Y N	ΥN	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 ?		4. 4. 4. 4. 4. 9.
Between JANUARY and DECEMBER, 2012		
Did members of your household participate in commercial salmon fishing?		

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 20 DID MEM YOUR	BERS OF			OW MANY U REMOVE			
	10011	CATCH AS	IN 2012, HOW MANY		FROM THE CATCH &		ID NUMBER FROM PAGE	
	COMMERCIAL INCIDENTAL		WERE		Y TO CREW	2		
	FISH FOR	CATCH ?	REMOVED FOR YOUR OWN USE?	CREW	HERS?	PERMIT HOLDER	CREW	
	(circle)	(circle)	(number)	(num		(number)	(number)	
CHINOOK (KING) SALMON	Y N	Y N	IND	IND	IND			
113000000						* * * * * * *	V, X, X, X, X, X	
SOCKEYE (RED) SALMON	Y N	Y N	IND	IND	IND			
115000000								
COHO (SILVER) SALMON	Y N	Y N	IND	IND	IND			
112000000								
CHUM (DOG) SALMON	Y N	Y N	IND	IND	IND			
111000000								
PINK (HUMPIES) SALMON	Y N	Y N	IND	IND	IND			
114000000								
UNKNOWN SALMON	Y N	Y N	IND	IND	IND			
119000000								

HARVESTS: COMMERCIAL NON-SALMON FISHING	HOUSEHOLD ID	
Do members of your household USUALLY participate in COMMERCIAL NON-SALMON FISHING?Y		
Between JANUARY and DECEMBER, 2012Did members of your household participate in commercial non-salmon fishing?		

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.

		1012 MBERS OF		IN 2012 I	VOW MANY			
	YOUR				HOW MANY U REMOVE			
		CATCH AS	IN 2012, HOW MANY		IE CATCH &	ID NUMBER F	ROM PAGE	
	COMMERCIAL	INCIDENTAL	WERE		AY TO CREW		2	
	FISH FOR	CATCH ?	REMOVED FOR		THERS?	PERMIT	CDEM	
	? (circle)	r (circle)	YOUR OWN USE? (number)	CREW	OTHERS mber)	HOLDER (number)	CREW (number)	
HALIBUT	, ,			,		(Halliber)	(number)	
	ΥN	ΥN	LBS	LBS	LBS			
121800000								
HERRING	Y N	Y N	GAL	GAL	GAL			
120200000								
HERRING SPAWN ON KELP	Y N	Y N	GAL	GAL	GAL			
120306000								
HERRING SAC ROE	Y N	Y N	GAL	GAL	GAL			
120304000								
PACIFIC COD (GRAY)	Y N	Y N	IND	IND	IND			
121004000								
PACIFIC TOM COD	Y N	Y N	IND	IND	IND			
121008000						V V V V V V		
SCULPIN	Y N	Y N	IND	IND	IND			
123000000								
STARRY FLOUNDER	Y N	Y N	IND	IND	IND			
121406000								
SMELT	Y N	Y N	GAL	GAL	GAL			
120400000						988988		
ROCKFISH	Y N	Y N	IND	IND	IND			
122600000								
LAMPREY	Y N	Y N	IND	IND	IND			
122000000								
LINGCOD	Y N	Y N	IND	IND	IND			
121606000			· . · . · . · . · . · . · . · . · . · .			CKKKKK		

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.

	DID MEM	2012 MBERS OF R HH			HOW MANY		
	COMMERCIAL FISH FOR	CATCH AS INCIDENTAL CATCH	IN 2012, HOW MANY WERE REMOVED FOR	FROM TH	IE CATCH & AY TO CREW THERS?	ID NUMBER FF	ROM PAGE 2
	?	?	YOUR OWN USE?	CREW	OTHERS	HOLDER	CREW
	(circle)	(circle)	(number)	(nui	mber)	(number)	(number)
TANNER CRAB	Y N	Y N	LBS	LBS	LBS		
501012000		V. V. V. V. V. V. V.					
DUNGENESS CRAB	Y N	Y N	LBS	LBS	LBS		
501004000							
SHRIMP	Y N	Y N	GAL	GAL	GAL		
503400000						ádádád	ស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស៊ីស
SQUID	Y N	Y N	GAL	GAL	GAL		
503800000							55555
OCTOPUS	Y N	Y N	IND	IND	IND		
502200000						aaaaa	aaaaa
KING CRAB	Y N	Y N					
501008000							
	Y N	Y N					
		0,0,0,0,0,0,0					
	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	-COMI	MERCIAL)			HOUS	SEHOLD ID	
Do members of your household USUALI	LY harvest	SALMON	١?							Y N	
Between JANUARY and DECEMBER, 201Did members of your household USE		HARVEST	「salmon?							Y N	3.3
IF NO to both questions, go to the next I	narvest pa	ige.									
If YES, continue on this page											
Please estimate how many salmon ALL lost to spoilage, or got by helping other										vay, ate fresh, fe	ed to dogs,
			IN 2012					HOW MANY			
			MEMBEF				l DID	YOUR HOUSEHO	DLD	I	
					٠.	CATCH	CATCH	САТСН	CATCH	CATCH	
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	WITH A FISH	WITH A GILL NET	WITH A DIPNET?	WITH ROD AND	WITH OTHER	
	ší	T \	(circle)	RE	<u>อ</u>	WHEEL?	OR SEINE?	taken by each g	REEL?	GEAR?	(ind, lbs)
CHINOOK (KING) SALMON	ΥN	ΥN	Y N	Y N	Y N		,		-75-7		IND
113000000	(5, 5, 5, 5,	535353	1010101	10.10.10	0.50.50.50						
SOCKEYE (RED) SALMON	Y N	Y N	ΥN	Y N	ΥN	<u> </u>					IND
115000000	2, 8, 8,	(8,8,8	6. 6. 6. 8	18.18.18.	(20,000)						
COHO (SILVER) SALMON	Y N	Y N	Y N	Y N	Y N						IND
	X X X			2,2,2,							
CHUM (DOG) SALMON	Y N	Y N	Y N	Y N	Y N						IND
111000000											
PINK (HUMPIES) SALMON	ΥN	Y N	Y N	Y N	Y N						IND
114000000											
LANDLOCKED SALMON Kokanee	Y N	Y N	Y N	Y N	Y N						IND
	8,8,8,		6,6,6,6	. 4. 4. 4.		1, 1, 1, 1, 1, 1, 1,					4,4,4,4,
UNKNOWN SALMON	Y N	Y N	Y N	Y N	Y N						IND
119000000	2, 3, 5,		0.000	30.50							
							mns should inclu ED by members				
ASSESSMENTS: SALMON	2015										
Between JANUARY and DECEMBER To conclude our salmon section, I a Last yeardid your household use LESS, SAN If LESS or MORE WHY was your use diffe	nm going ME, or M	ORE salr	mon thar	n in rece	nt years?					X L S X = do no	
Last yeardid your household GET ENOUGH If NO										Υ	2 N
What KIND of salmon o	•									_	
How would you describ of not getting enough s		•	•				minor?	majo	or? sever	e?	

SALMON :04 SUSITNA: 330

(1)

(2)

(3)

HARVESTS: OTHER FISH	(NON-COMMERCIAL) HOUSER	IOLD IE	
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 oth	ner 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		\neg	-	N 2012, HOW M	ANY	_	
			MEMBER				DID YOUR H	OUSEHOLD		
		١	OUR HH.		٥.	CATCH	CATCH	CATCH	CATCH	
) :ST?	:ST?	Æ?	GIVE AWAY?	WITH	WITH		WITH	
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	IVE A	GILL NET	ROD AND	ICE	OTHER	LINUTC
	ń	ËΪ	(circle)	~	Ū	OR SEINE?	REEL? number taken h	FISHING? y each gear type	GEAR?	(ind, lbs)
RAINBOW TROUT	Y N	Y N	Y N	Y N	Y N		Tarriber taken b	, cuch gear type	,	IND
126204000		X. X. X.								
LAKE TROUT	Y N	Y N	Y N	Y N	Y N					IND
125010000	2000	2000		3.30						
CUTTHROAT TROUT	Y N	Y N	Y N	Y N	Y N					IND
126202000	8.8.8	6, 6, 6		8.8.8	6.6.6.	,,				
TROUT <i>Unknown</i>	Y N	Y N	Y N	Y N	Y N					IND
126200000	8,8,8	0,0,0	0.0000	0.000						
DOLLY VARDEN	Y N	Y N	Y N	Y N	Y N					IND
125006000	8,8,8	8,8,8	0.000	8.8.8	6.6.6.3					10000
GRAYLING	Y N	Y N	Y N	Y N	Y N					IND
125200000	8.8.8	6,8,87	181818	8,8,8						10.00
PIKE	Y N	Y N	Y N	Y N	Y N					IND
125400000	8.8.8	6,6,6		X X X						
BURBOT Ling Cod	Y N	Y N	Y N	ΥN	Y N	411 10-11 11 11 11 10 11 10 11 10 11)	IND
124800000	8,878	6,8,80	181818	8.8.8						(4.16.16)
ROUND WHITEFISH	Y N	Y N	Y N	Y N	Y N	488 80-88 88 88 88 88 80 80 80 80	*************			IND
126412000	4,4,4	6.4040	(18,18,18	X X X	6,16,16,14					
HUMPBACK WHITEFISH	Y N	Y N	Y N	Y N	Y N					IND
126408000	18.18.18	6.000		8.8.8.						0.60 60 60
BROAD WHITEFISH	Y N	Y N	Y N	Y N	Y N					IND
126404000	. 40, 40, 40	40,40,40	686868	4.4.4.	0.0.0.3	5 NG NG NG NG NG		g gradatas		
LEAST CISCO	Y N	Y N	Y N	Y N	Y N					IND
126406060	. 4. 4. 4	0.000		8.8.8						1808080
UNKNOWN WHITEFISH	Y N	Y N	Y N	Y N	Y N					IND
126400000	35353	0.303	191319	31,31,31	0.3030					303.30
SUCKER	Y N	Y N	Y N	Y N	Y N					IND
1260000000	3,300	0.000	18.36.3	8383						559355

Continue on next page

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

OTHER FISH: 06 SUSITNA: 330

...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.

		DID	IN 2012			"	N 2012, HOW M		_	
			MEMBER OUR HH.				DID YOUR H	OUSEHOLD		
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	SIVE AWAY?	CATCH WITH GILL NET	CATCH WITH ROD AND	CATCH	CATCH WITH OTHER	
	SN	T H	£ (circle)	RE	ซ็	OR SEINE?	REEL?	FISHING? y each gear type	GEAR?	UNITS
HALIBUT	Y N	Y N	Y N	Y N	Y N		idiniber tuken b	y cuch geur type		LBS
121800000										
HERRING	Y N	Y N	Y N	Y N	Y N					GAL
120200000										
PACIFIC COD (GRAY)	Y N	Y N	Y N	Y N	Y N					IND
121004000										
PACIFIC TOM COD	Y N	Y N	Y N	Y N	Y N					IND
121008000	6,4,4,5		0.4040	30,303	X, X, X, 3					6,6,6,
STARRY FLOUNDER	Y N	Y N	Y N	Y N	Y N					IND
121406000	83,83,83	181818	0.000	30,0,0	616161					61,61,61
SMELT	Y N	Y N	Y N	Y N	Y N					GAL
120400000	6, 8, 8,	181818	6, 6, 6, 5	38,8,8	4, 4, 4, 5				5 5 5 5 5 5	6, 6, 8,
ROCKFISH	Y N	Y N	Y N	Y N	Y N					IND
122600000	6, 8, 8,	35.55	4, 4, 4	30,000	8,8,8					
LAMPREY	Y N	Y N	Y N	Y N	Y N					IND
122000000			9.9.9							
LINGCOD	Y N	Y N	Y N	Y N	Y N					IND
121606000										
	Y N	ΥN	ΥN	ΥN	Y N					
					10000					

OTHER FISH	13.3.3.3
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?	
(1) (2) (3)	

HARVESTS: MARINE INVE	RTEBR	ATES/	SHELL	FISH		HOUS	EHOLD ID
Do members of your household USUAL	LY harves	t MARINE	INVERT	BRATES/S	SHELLFISH	?	Y N
Between JANUARY and DECEMBER, 20:Did members of your household USE		HARVES	T marine	invertebr	ates/shell	ish ?	Y N
IF NO to both questions, go to the next If YES, continue on this page	harvest p	age.					
	rtebrates	/shellfish	ALL MEN	MBERS OF	YOUR HO	USEHOLD HARVESTED in 2012. INCLUDE marine i	nvertebrates/shellfish
you gave away, ate fresh, fed to dogs, le	ost to spo	ilage, or g	got by he	lping othe	ers. If fishii	ng with others, report ONLY YOUR SHARE of the co	atch.
			IN 2012				
			MEMBEF YOUR HH				
				<u></u>	ي		
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	IN 2012, HOW MANY	UNITS
		PΤ	(circle)	<u> </u>	0	(number taken)	(ind, lbs,gal)
DUNGENESS CRAB	Y N	Y N	Y N	Y N	Y N		LBS
501004000			i si si s		čivi, vi		
KING CRAB	Y N	Y N	Y N	Y N	Y N		LBS
501008000	X X X	(1000)		1,5,5	4,4,4,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
TANNER CRAB	Y N	Y N	Y N	Y N	Y N		LBS
501012000	100	0.000		2.2.2	6.4.4.		
RAZOR CLAMS	Y N	Y N	Y N	Y N	Y N		GAL
500612000	8.30	808080	(3.3.3	2,2,2	6,8,8,		,
FRESHWATER CLAMS	Y N	Y N	Y N	Y N	Y N		GAL
500604000							,
	Y N	Y N	Y N	Y N	Y N		
	Y N	Y N	Y N	Y N	Y N		
	10, 10, 10,	0.000		10.00			
	Y N	Y N	Y N	Y N	Y N		
	1.11						
	Y N	Y N	Y N	Y N	Y N		
				0.00			
						These columns should include all the harvests: marine invertebrates/shellfish HARVESTED by members of this household in 2012.	
MARINE INVERTEBRATES/SHELLFISH							171.78%.
Between JANUARY and DECEMBER	, 2012						
Last year						w general questions about marine inverteb	_
did your household use LESS, SAN If LESS or MORE WHY was your use diffe						h than in recent years?	X = do not use
	I marine	inverteb	orates/sl	nellfish?.			2
If NO What KIND of marine in	nvertehr	ates/she	llfish dia	d vou ne	ed?		
How would you describe of not getting enough r	e the im	pact to	your hou	usehold			
or not betting chought	11				. ,	(1) (2) (3)	_

MARINE INVERTEBRATES/SHELLFISH: 08

SUSITNA: 330

HARVESTS: LARGE LAND I	MAM	ALS														НС	USE	HOLE) ID	
Do members of your household USUAL	LY hunt fo	or LARGE	LAND MA	MMALS?															1 \	1
Between JANUARY and DECEMBER, 201Did members of your household USE		HARVES	T large la	nd mamm	nals?														1 \	1
IF NO to both questions, go to the next	harvest p	age.																		
If YES, continue on this page			7-																	
Please estimate how many large land m fed to dogs, lost to spoilage, or got by h	_											large	lanc	l mar	nmal	ls yo	u gav	e aw	ay, a	te fresh,
	- 1 0 - 1								1											
		חוח	IN 2012 MEMBER			П					2, HO S OF \				OLD		OID VEST	·)		
			YOUR HH					ŕ	VIEW.	DEN		00.			OLD	TIAN.	VLJI	İП	П	
CIRCLE THE HARVEST AMOUNT		٥.	٥.		ć.X\			_							ER		ER	. 22	z	
THAT IS A POTLATCH MOOSE.	<i>د</i> .	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	П	JANUARY	FEBRUARY	MARCH	-	_	Е	,	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	UNKNOWN	
	USE?	TRY		REC	BIVI	SEX	JAN	FEB		APRII	MAY	JUNE	JULY			_	_	DEC	Š	UNITS
MOOSE		I	(circle)	ī	ī	М			(ent	er nı	ımbe	r by :	sex a	nd m	onth	of t	ake)	П	\blacksquare	(ind)
WIOO3E	Y N	Y N	Y N	Y N	Y N	F						Y								IND
211800000	200 200 200	20.00000				?					20.00	-						2	2	S1094109410
211800001 211800002						M F														
211800009						?			81.3		0.0	8.3			8.3			85.3	30	191919
CARIBOU	Y N	Y N	Y N	Y N	Y N	M F														IND
211000000		0.00	10.30.30			?														IND
211000001						M									0.0					
211000002 211000009						.F		60.6				8.3			8.3					
BLACK BEAR	ΥN	ΥN	ΥN	ΥN	ΥN															IND
210600000																				
210600000 BROWN BEAR	V N	V N	V N	V N	V N			0,10	10, 10		0, 0	9, 9			10,10			•		IND
	Y N	Y N	Y N	Y N	Y N															IND
210800000 DALL SHEEP		10,10,10	<u> </u>	0.0000	N. N. N.			85.8	818		676	80,8		5, 6	10 (10		0.30	16.1.16	. 80	C KOKOK
5/1225/122	YN	Y N	Y N	Y N	ΥN															IND
212200000		10.36.30	63636					63	2.7		6.00	8.3			200	30				
GOAT	Y N	Y N	Y N	Y N	Y N															IND
211600000			e e e		10.00															
DEER	Y N	Y N	Y N	Y N	Y N															IND
211200000		200	7.00		3733															
	Y N	Y N	Y N	Y N	Y N															IND
			V 30 30		130 S															
LARGE LAND MAMMALS																		0.0		
Between JANUARY and DECEMBER	, 2012																	_		
To conclude our large land mamma	منعمم ما			ali a fair			:	a h a	ما اس		لمصما			la.						
Last year	iis sectio	ii, i aiii g	julig tu d	ask a lew	genera	i quest	10115	abu	ut ia	igei	anu	IIIaII	IIIIIa	15.						
did your household use LESS, SAN	ΛE, or M	ORE larg	e land m	nammals	than in	recent	yeaı	's?												
If LESS or MORE WHY was your use diffe	erent?																X =	do n	ot us	ie
will was your asc and						••••													2	
Last yeardid your household GET ENOUGH	l large la	nd mam	mals?															٧	N	_
If NO	bc 1a	main															•••••	•		
What KIND of large land	d mamm	als did y	ou need	?													•			
How would you describ	e the im	pact to v	our hou	sehold																
of not getting enough l								1		or?	1	majo	or?	se	vere	?				_
									(1)			(2)			(3)					

LARGE LAND MAMMALS: 10 SUSITNA: 330

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?	У	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					IN 2012, HOW MANY DID													
		DID	MEMBER	S OF	~ 4	MEMBERS OF YOUR HOUSEHOLD HARVEST?													
		١	OUR HH.		-														
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	UNKNOWN	UNITS
			(circle)						(ente	er nu	mber	by n	nont	h of t	take)				(ind)
BEAVER	Y N	Y N	Y N	Y N	Y N														IND
220200000		9555			9.838	5.5	9	9.89					30.3		8			33.3	3333
PORCUPINE	Y N	Y N	Y N	Y N	Y N														IND
222600000	8.88			(1) (1)	£ 10 10 10	80.30	0.0	6,8	8	3	8.3	8, 8	85.8	3	3.3	3.3	3	8.3	
SNOWSHOE HARE	Y N	Y N	Y N	Y N	Y N														IND
221004000						31.3	3.3	818	8.18	3.3	3.3	0 0 0 0	70 / 7 10 10	3.3		3.13			
RED FOX	Y N	Y N	Y N	Y N	Y N														IND
220804000		1919		9393		5.35	9.9	6, 6	3	3	85.8	8.8	0,0	3	35.3	3	3	35.3	
CROSS FOX	Y N	Y N	Y N	Y N	Y N														IND
220804020		1818181	a ta ta ta	a sa sa sa	4.14.14.14	6,74	4.4	6.3	0.0	6.5	4.3	0.0	4, 4	40.0	3.3	2.10	10.0	0.0	8787879
WOLF	Y N	Y N	Y N	Y N	Y N														IND
223200000						80.00	9.19	313	3.3	37.3	313	30.3	0.0	30.3	0.0	3 13		300	
WOLVERINE	Y N	Y N	Y N	Y N	Y N														IND
223400000							5.5	45.45	5.3	5.5	50.5	0.0	85.8	3.3	3,3	3.3		353	
LAND OTTER	Y N	Y N	Y N	Y N	Y N														IND
221200000	14.14.14		in an	CKKK	4, K, K, K	6,30	6, 6	6,8	6.6	6.6	8.8	81.8	8.8	8.8	6.6	0	100	300	W. W. W. V
MUSKRAT	Y N	Y N	Y N	Y N	Y N														IND
222400000		3.3.3				9.3		0.0			300				3.3			303	
WEASEL	Y N	Y N	Y N	Y N	Y N														IND
223000000	3.33	33.55	9888	9888		4,14,1	4.4	5.5	0.0	0.0	55.5	85.8	353	3	0.0	3.3		300	5 5 5 5
LYNX	Y N	Y N	Y N	Y N	Y N														IND
221600000						8.76		8, 8,				0.0			2.3			0.5	
	Y N	Y N	Y N	Y N	Y N														IND
	3.33					9.5	9.0	\$. S			85.8	9.0	80.8		8,0			35.3	3333

Continue on next page

SMALL LAND MAMMALS: 14 SUSITNA: 330

....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		_				IN	2012	2, HO	WN	IANY				DID			
		DID	MEMBER	SOF		Ы		N	ИΕМ	BERS	OF۱	/OUF	R HO	JSEH	IOLD	HAR	VEST	?		
			OUR HH.			П														
					Ç.										~		~			
). T	<u> </u>	<u>~</u>	GIVE AWAY?	Ы	≿	ſŔΥ						_	SEPTEMBER	ER	NOVEMBER	DECEMBER	W	
	٠٠,	TO	HARVEST	RECEIVE?	E A	٧	UAF	FEBRUARY	RCH	1	_	E	_	:Sne	TEN	OCTOBER	/EN	EM:	(NO	
	USE?	TRY TO HARVEST	HAF	REC	ZIV BIV		JANUARY	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEP	50	NO	DEC	UNKNOWN	UNITS
			(circle)			Ш				(ente	er nu	mbei	by r	nont	h of	take)				(ind)
MARTEN	ΥN	ΥN	ΥN	ΥN	ΥN	H														IND
222000000					0.8030.80				400		0.070.0	60,80	8,18,1	8.730	N. N.	80,180	61.61	80.0	0.00	4380.868.
COYOTE																				
COTOTE	ΥN	ΥN	ΥN	ΥN	ΥN															IND
220400000																8.8		3.3	2.0	
MINK	ΥN	ΥN	ΥN	ΥN	ΥN															IND
222200000																3.3	2.3			
MARMOT	ΥN	ΥN	ΥN	ΥN	ΥN															IND
22.1800000					0.000				4343		6, 40	0.30	4,14,	61.61		80,80	4.4	6, 6	8, 8	60 60 60 8
GROUND SQUIRREL	V N	V N	V N	V N	. N															INID
	ΥN	ΥN	Y N	ΥN	ΥN															IND
222800000													0.0		31.3 81.8		8.0		8 8	
TREE SQUIRREL	ΥN	ΥN	ΥN	ΥN	ΥN															IND
222804000	3030303	30303	. 4. 4. 4.	5 85 85 85	5858585		0.30	6365	40.00	0.30	0.35	V. 34.	45.45	6, 6,	V. V.	85.85	61, 61	57.5	87.6	N. N. N. N.
									•	•									-	
	ΥN	ΥN	Y N	ΥN	ΥN															IND
	3,0,3,3	8.8.8	14.63	2,02	(3,0,3)		333	6.6	6.83	683		0.80	6,85	3	0.00	41.4	0,0	0.0	6.6	8,8,8,8
	ΥN	ΥN	ΥN	ΥN	ΥN															IND
	30.30.30.3	30.30.30.3	. 19. 19. 19.	a (%) (%) (%)	5 (Sec (Sec (Sec					e e						S. S.	0.10.	0.00		0.10.10.10
	Williams	V V V			(X) X(X)			6.78			8.36	6.00	8.18	8.38	8.3	8.38	8.38	8.3	8.38	200000

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. ...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?..... Last year... If NO... What KIND of small land mammals or furbearers did you need?.... How would you describe the impact to your household severe? of not getting enough small land mammals or furbearers last year?..... ...minor? ...major? (2) (3)

SMALL LAND MAMMALS: 14 SUSITNA: 330

HARVESTS: MIGRATORY WATERFOWL	HOUSEHOLD ID	
Do members of your household USUALLY hunt for MIGRATORY WATERFOWL?		N
Between JANUARY and DECEMBER, 2012		
Did members of your household USE or TRY TO HARVEST migratory waterfowl?	У	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			IN 2012, HOW MANYDID						
		DID	MEMBER	S OF		MEMBERS OF YOUR HOUSEHOLD?						
		١	OUR HH.									
					رخ.	Spring Summer Fall						
)T?	ST?	53	WA)	W ER 8E						
	<i>ر</i> .	TO :VES	'VES	EIVE	E A1	NO OBI						
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER						
		, _	(circle)	_	<u> </u>							
CANADA GEESE (CACKLERS)												
(,	Y N	Y N	ΥN	Y N	ΥN							
410404040												
CANADA GEESE (BIG LESSER)												
CANADA GLESE (BIG LESSEN)	ΥN	ΥN	ΥN	ΥN	ΥN							
410404080												
CANADA GEESE (UNKNOWN)												
CANADA GEESE (UNKNOWN)	Y N	Y N	ΥN	Y N	Y N							
410404000												
WHITE-FRONTED GEESE	Y N	ΥN	ΥN	Y N	Y N							
Specklebelly												
410410000												
SPECTACLED EIDER	Y N	ΥN	ΥN	ΥN	ΥN							
410206060												
BRANT (SEA GEESE)	Y N	ΥN	ΥN	ΥN	ΥN							
410402000												
EMPEROR GEESE	ΥN	ΥN	ΥN	ΥN	ΥN							
	,	,	,	,	,							
410406000												
SNOW GEESE	ΥN	ΥN	ΥN	ΥN	ΥN							
	i IN	i IN	i IN	i IN	i IN							
410408000												
GEESE (UNKNOWN)	V N	V N	V N	V N	V N							
	ΥN	ΥN	ΥN	ΥN	ΥN							
410400000												
TUNDRA SWAN (WHISTLING)					V N							
, , , ,	ΥN	ΥN	ΥN	ΥN	ΥN							
410604000												
SANDHILL CRANE												
S. M.S. MEE GIV ME	ΥN	ΥN	Y N	ΥN	ΥN							
410802000												
MALLARD												
MALLAND	Y N	Y N	Y N	Y N	Y N							
410214000												
NORTHERN PINTAIL	Y N	Y N	ΥN	Y N	Y N							
410220000												
410220000												

Continue on next page.

HARVESTS: MIGRATORY WATERFOWL

...continued

continued	IN 2012 IN 2012 HOW MANY D												
			IN 2012			· ———							DID
			MEMBER				MEN	1BER	S OF \	OUR/	HOU	SEHC	DLD ?
		Y	OUR HH.										
		ç.					Sprin	g	Sum	mer	Fa	all	
		TRY TO HARVEST?											
		AR	۲.		ΑΥ?						SER	~	ζ
		H 0.	ÆST	IVE	AW		l .l			JST	EME	BEF	νον
	USE?	RYT	HARVEST?	RECEIVE?	GIVE AWAY?		APRIL	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	UNKNOWN
) \ \	<u> </u>	(circle)	~	6		∀ ≥	=	=	∢	S	O)
GOLDENEYE								\neg					
GOEDENETE	ΥN	Y N	YN	Y N	ΥN	V	Ì				,		
410210000								4		_			
GREEN WINGED TEAL	V N	V N	V N	V N	V N			7					
	ΥN	Y N	Y N	Y N	Y N								
410232060													
CANVASBACK	ΥN	ΥN	ΥN	ΥN	ΥN								
	1 11	1 14	1 14	1 10	I IN								
410204000													
BLACK SCOTER (BLACK DUCK)	ΥN	ΥN	ΥN	ΥN	ΥN								
410228020													
DUCKS (UNKNOWN)	ΥN	ΥN	ΥN	ΥN	ΥN								
410200000													
	Y N	Y N	Y N	Y N	Y N								
	Y N	ΥN	Y N	Y N	Y N								
	Y N	ΥN	Y N	Y N	Y N								
	ΥN	ΥN	Y N	Y N	ΥN								

DVIII/	CDA	TA A	DV 1	ALAT	EDE	OWL
11/411	61 M	A II A I	196	'A'#A'III		MANA I

Between JANUARY and DECEMBER, 2012...

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

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?	÷5.
(1) (2) (3)	

MIGRATORY WATERFOWL: 15 SUSITNA: 330

HARVESTS: OTHER BIRDS																	Н	OUSE	HOLI) ID	
Do members of your household USUA	LLY hun	t fo	r OTHER	BIRDS?															۱۱	' N	
Between JANUARY and DECEMBER, 20Did members of your household USE		то	HARVES	T other	bird	s?														' N	
IF NO to both questions, go to the next	harves	t pa	ige.																		
If YES, continue on this page																					
Please estimate how many other birds got by helping others. If hunting with o								TED	in 20)12. I	NCLU	DE oth	ner birds	you ga	ave a	way, a	ite fr	esh, lo	ost to	spoila	ge, or
				IN 20				7	F				1 201 2, H					DII			
			DII	MEME YOUR H		OF		ľ	L	Winte	or.	_	MBERS OF	YOUF	$\overline{}$	_		HARVE Win	_		
				TOUR	111			4		VVIIIC	<u> </u>		pring	Juil	mer	Га	111	VVIII	itei		
	USE?		TRY TO HARVEST?	HARVEST?		RECEIVE?	GIVE AWAY?		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		UNKNOWN
PTARMIGAN	Υ	N	Y N	(circle	Ť	Y N	Y N	1													
421804000																					
SPRUCE GROUSE	Υ	Z	Y N	1 Y	N	Y N	Y N														
421802020																					
RUFFED GROUSE	Υ	N	Y N	1 Y	N	Y N	Y N														
421802060	-																				
SHARP-TAILED GROUSE 421802040	Υ	N	Y N	1 Y	N	Y N	Y N														
	Υ	N	Y N	1 Y	N	Y N	ΥN														
	Υ	N	Y N	1 Y	N	Y N	ΥN	1													
	Υ	N	Y N	1 Y	N	Y N	Y N														
OTHER BIRDS																					
Between JANUARY and DECEMBE To conclude our other birds sectio			ning to a	ısk a fe	wσ	eneral d	nuestio	ns :	ahou	t oth	er hi	rds									
Last yeardid your household use LESS, SA If LESS or MORE WHY was your use dif	ME, or	M	ORE oth	ner bird	ls th	nan in re	ecent y	ear	s?											M et use	
Last year did your household GET ENOUG If NO	H othe	r bi	irds?																Υ	N	
What KIND of other bi	irds did	d yo	u need	?																	
How would you descri of not getting enough											mino	or?	maj		S	evere (3)	?				

OTHER BIRDS: 15 SUSITNA: 330

HARVESTS: BIRD EGGS							HOUSEHOLD ID
Do members of your household USU	JALLY look fo	or BIRD EC	GGS?				Y N
Between JANUARY and DECEMBER,	2012						
		GATHER	bird eggs	s?			Y N
IF NO to both questions, go to the m	aut banaat n	000					
IF NO to both questions, go to the no If YES, continue on this page	ext narvest p	age.					
Please estimate how many bird eggs by helping others. If looking with otl		ONLY YOU	JR SHARE	of the egg		in 2012. INCLUDE bird eggs you gave a	away, ate fresh, lost to spoilage, or got
			MEMBER			IN 2011, HOW MANY	
	USE?	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	DID MEMBERS OF YOUR HOUSEHOLD HARVEST?	UNITS/NOTES
GULL EGGS	-		(circle)	1		(number)	(each, gallons, buckets, etc.)
GOLL 1003	Y N	Y N	Y N	Y N	Y N		
431212000							
GEESE EGGS	Y N	Y N	Y N	ΥN	Y N		
430400000							
DUCK EGGS	Y N	Y N	Y N	Y N	Y N		
430200000							
EGGS (UNKNOWN)	Y N	Y N	Y N	ΥN	Y N		
43000000							
	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		
rees							
EGGS Between JANUARY and DECEME	BER. 2012						
To conclude our eggs section, I a	am going to	IORE egg	s than ir	ı recent y	ears?		X L S M X = do not use
Last yeardid your household GET ENOU If NO What KIND of eggs of							2
How would you desc					••••••		
of not getting enoug						minor?major? (1) (2)	severe?

HARVESTS: PLANTS AND I	BERRIES	INCLUD	ING WO	OD			HOUSEHOLD ID
Do members of your household USUALI	Y harvest Pl	ANTS AND E	BERRIES INCL	LUDING WOO	OD?		Y N
Between JANUARY and DECEMBER, 201							· · · · · ·
Did members of your household USE of	or TRY TO HA	ARVEST plant	ts and berrie	es including v	vood?		Y N
IF NO to both questions, go to the next I If YES, continue on this page	harvest page						
		-				·	ants and berries including wood you gave
away, ate fresh, lost to spoilage, or got	by helping o	thers. If harv	esting with	others, repo	rt ONLY YOUF	R SHARE of the harvest.	
			IN 2012				
		DII	D MEMBERS YOUR HH	OF		IN 2012, HOW MANY	
			0:		5.X.		
	۸.	TRY TO HARVEST?	HARVEST?	RECEIVE?	GIVE AWAY?	DID MEMBERS OF YOUR HOUSEHOLD	
	USE?	TRY		RECI	GIVE	HARVEST?	UNITS/NOTES
BLUEBERRY			(circle)			(number)	(each, gallons, buckets, etc.)
 	Y N	Y N	Y N	Y N	Y N		/
601002000 LOW BUSH CRANBERRY	V N	V N	V N	V N	V N		
601004000	Y N	Y N	Y N	Y N	Y N		
601004000 HIGH BUSH CRANBERRY	ΥN	Y N	Y N	Y N	Y N		
601006000	, e, e, e, e	1 IN	0.0.0.0.0	1 IN	1 IN		
RASPBERRY	ΥN	Y N	ΥN	Y N	ΥN		
601020000							
OTHER BERRIES	ΥN	Y N	ΥN	ΥN	ΥN		
(List) 601000000			ut si strat				
HUDSON BAY TEA	ΥN	ΥN	ΥN	ΥN	ΥN		
Labrador Tea 602018000							
MUSHROOMS	ΥN	ΥN	ΥN	ΥN	ΥN		
602040000			3555	5555			
OTHER PLANTS	Y N	Y N	Y N	Y N	Y N		
(List) 602000002	33333	33333	3,3,3,3,3	5335	2,10,2,10		
WOOD Firewood	Y N	Y N	Y N	Y N	Y N		
604000000	0.000	0.000	0.000		6000000		
WOOD (Specify Use)	Y N	Y N	Y N	Y N	Y N		
604000002							
	Y N	Y N	Y N	Y N	Y N		
		0.0.0.0.0			0.0.0.0.0.		
	Y N	Y N	Y N	Y N	Y N		
	333333	3030303	31313131		43838383		
PLANTS AND BERRIES							
Between JANUARY and DECEMBER To conclude our plants and berries		om going t	ack a fow	gonoral gu	lostions abo	out plants and barries	
Last year						•	v
did your household use LESS, SAI If LESS or MORE	ME, or MO	RE plants a	nd berries	than in rec	ent years?		X L S M X = do not use
WHY was your use diffe	erent?						1
Last year did your household GET ENOUGH	l plants an	d berries?					Y N
If NO What KIND of plants ar	nd berries o	lid you nee	:d?				
How would you describ	e the impa	act to your	household				
of not getting enough p	olants and	berries last	year?			minor?major? (1) (2)	severe?

ASSESMENTS						HOUS	SEHOLD ID	
SUBSISTENCE ASSESS	SWENTS: ALL RESOURCE	EES						
Last yearoverall did your housel If LESS or MORE		a few general questions abo				-		s м 🔣
If NO… What KIND of w Overall why do y How would you o	ild did you need? ou think you did not get er describe the impact to you	nough wild resources?	- -	cable?n			evere? (3)	N
HEALTH IMPACT ASS	ESSMENTS							
salmon, non-salmon fish household?	OT USEwild foods, go to to WILD FOODS members o		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)	ut are
		(Not necessary to fil						
TOP FIVE SUBSISTENCE FOODS	Subsistence Food 1	Subsistence Food 2	Subsisten	ce Food 3	Subsisten	ce Food 4	Subsistence F	-700d 5
•	·	at do members of your hou . Please list most important (Not necessary to fil	alternative f	foods first.	ide alternat	e foods that	may not be avai	ilable
	Other Food	Other Food		Food	Other	Food	Other Foo	od
OTHER FOODS (1 TO 5)								
OTHER FOODS (6 TO 10)								
ASSESSMENTS: 6	6						SUSIT	IA: 330

HOUSEHOLD ID

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.

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.)

	•••	,,,,,	JUITE	DOL.	
REMEMBER COMMERCIAL					
FISHING & TRAPPING					
IF APPLICABLE.					
			IME	IES	IME

WORK SCHEDITIE

	WHO HAD THIS JOB? person	WHAT KIND OF WORK DID HE/SHE DO IN THIS JOB? job title	FOR WHOM DID HE/SHE WORK IN THIS JOB? employer, SIC	JOB LOCATION? community	IN 2012, WHAT MONTHS DID HE OR SHE WORK IN THIS JOB? circle each month worked	FULL TIME	g. PART TIME	SHIFT - FULL TIM	SHIFT - PART TIM	IN 2012, HOW MUCH DID HE/SHE EARN IN THIS JOB? gross income
1ST JOB					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ /YR
1 6 910100000	asasasas.	SOC					SC	CHEDUI	E	
2ND IOB			•		J F M A M J J A S O N D	FT	РТ	SF O	C SP	\$ /YR
			name and the second of the							
2 6 910100000 3RD JOB		SOC					SC	CHEDUI	E	
3ND 30B					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ / YR
3 6 910100000		SOC					SC	CHEDUI	E	
4TH JOB					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ /YR
4 6 910100000		SOC				0.000		CHEDUI	9	
4 6 910100000 5TH JOB		- 50C				-				
					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ / YR
5 6 910100000		SOC					SC	CHEDUI	E	
6TH JOB					J F M A M J J A S O N D	FT	РТ	SF O	C SP	\$ /YR
6 6 910100000	ine veren	SOC				•	C/	CHEDUI	e ·	
7TH JOB		300								
					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ / YR
7 6 910100000		SOC					SC	CHEDUI	E	
8TH JOB					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ /YR
8 6 910100000		SOC				23.53	SC	CHEDUL	E	
9TH JOB			<u> </u>	<u> </u>						
					J F M A M J J A S O N D	FI	РΙ	SF O	C SP	\$ / YR
9 6 910100000		SOC					SC	CHEDUI	Ε	
10TH JOB					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ /YR
10 6 910100000	i ti ti ti t	SOC					SC	CHEDUI	E	
11TH JOB					J F M A M J J A S O N D	100000		SF O	100	\$ /YR
	930303	SOC					SC	CHEDUI	E	
12TH JOB					J F M A M J J A S O N D	FT	PT	SF O	C SP	\$ / YR
12 6 910100000	55555	soc					SC	CHEDUI	Ē	

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

4 - Irregular, on call

off, etc.)

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

EMPLOYMENT: 23 SUSITNA: 330

HOUSEHOLD ID

Between JANUARY and DECEMBER, 2012...

...Did any members of your household receive a dividend from the Permanent Fund or a Native Corporation?..... IF NO, go to the next section on this page.

	•		•	•		•
•		٠			٠	
_						

ij 1E3, continue below				
	DID ANYONE	TOTAL	ALASKA PFD IN 2012	ALASKA NATIVE CORP DIVIDENDS IN 2012
	IN YOUR HH	AMOUNT		Additional dividends
	RECEIVE	ALL MEMBERS	1 PFD = \$	1 share= \$0.00
	INCOME	OF YOUR HH	2 PFDs = \$	100 shrs= \$0
	FROM	RECEIVED	3 PFDs = \$	150 shrs= \$0
	IN 2012?	IN 2012?	4 PFDs = \$	200 shrs= \$0
	(circle one)	(dollars)	5 PFDs = \$	
ALASKA PERMANENT	Y N	\$ /YR	6 PFDs = \$	
≤ FUND DIVIDEND	1 14	, / IK	7 PFDs = \$	
SO FOND DIVIDEND 32.			8 PFDs = \$	
NATIVE CORPORATION	Y N	\$ /YR	9 PFDs = \$	
DIVIDENDS	1 14	7 /11	10 PFDs = \$	
13			11 PFDs = \$	

Between JANUARY and DECEMBER, 2012...

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

IF NO, go to the next page.

If Y	ES, continue below		
		RECEIVED	TOTAL AMOUNT
		IN 2012?	IN 2012?
		(circle one)	(dollars)
	UNEMPLOYMENT		A
IZ		Y N	\$ /YR
JOB BENEFITS	12.		
BEI	WORKERS'		A 445
lo _B	COMPENSATION	Y N	\$ /YR
	FOOD STAMPS	V. N	ć //D
Ж	(QUEST CARD)	Y N	\$ /YR
ANG	. 11	SINININININ	NING NO NO NO NO NO
ASSISTANCE	ADULT	V N	ć //D
AS	PUBLIC ASSISTANCE	Y N	\$ /YR
	3	8888888	98888888
	ALASKA SENIOR	V N	ć //D
	BENEFITS (LONGEVITY)	Y N	\$ /YR
LS	. 6 .		
ELDER BENEFITS	PENSION &	V. N	ć //D
BEN	RETIREMENT	Y N	\$ /YR
)ER	.5.,		
급	SOCIAL	Y N	\$ /YR
	SECURITY	Y IN	\$ /YR
	7	X X X X X X X X	
	SUPPLEMENTAL	Y N	\$ /YR
	SECURITY	Y IN	\$ / fK
LS	10		
CHILD BENEFITS	FOSTER	Y N	\$ /YR
BEN	CARE	Y N	\$ /YR
	41		
끙	CHILD	Y N	\$ /YR
	SUPPORT	Y IN	\$ / fK
	15		
	ENERGY	Y N	\$ /YR
	ASSISTANCE	Y N	\$ /YR
OTHER	9 .	V V V V V V	
힏	OTHER (describe)	Y N	\$ /YR
		T IN	۶ /۲K

	scra	tch paper for	calculations	
	per week per month		weeks = months =	
\$ \$	per week per month		weeks = months =	
\$ \$	per week per month		weeks = months =	
	per week per month		weeks = months =	
Deper on Incon	\$175 per n	nonth for 12 r	nonths = \$1,500 per elder nonths = \$2,100 per elder nonths = \$3,000 per elder	r
\$ \$	per week per month	for for	weeks = months =	
\$ \$	per week per month		weeks = months =	
	per week per month		weeks = months =	
	per week per month		weeks = months =	
	per week per month		weeks = months =	

OTHER INCOME: 24 SUSITNA: 330

COMMENTS	HOUSEHOLD ID
DO YOU HAVE ANY QUESTIONS, COMMENTS, OR CONCERNS?	
INTERVIEW SUMMARY:	

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

COMMENTS: 30 SUSITNA: 330

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?

QAPP xxx, Revision 0

Date: October 31, 2012 Page 4 of 42

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: Start Time:	Ford Times	Date of Interview: Interviewers: End Time:							
Section A: Responde	nt Information								
For each individual con	npleting the interview:								
Respondent	1	2	3	4					
Respondent ID									
Birth year									
Birth Residence									
Residence history									
Active Harvester?									

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 indicat 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	Recorded Last 10 Year Use Areas and/or Traplines? (Check if Yes)										
Record b	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											

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 e	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?

<u>Other</u>

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

Susitna-Watana Hydroelectric Project FERC Project No. 14241	Attachment 14-4	
FERC Project No. 14241	Page 4	

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