

EVOS ANNUAL PROJECT REPORT

Project Number: 040471

Project Title: Update of the Status of Subsistence Uses in Exxon Valdez Oil Spill Area Communities

PI Name: James A. Fall

Time Period Covered by Report: October 1, 2003 through August 31, 2004

Date of Report: August 31, 2004

1. Work Performed. The goals of this project are 1) to collect, analyze, and report information about current subsistence uses of fish and wildlife resources in a subset of communities in the area affected by the Exxon Valdez Oil Spill (EVOS) that is comparable with previous research results and that can be used to evaluate the status of subsistence uses in light of the Trustee Council's recovery objective; and 2) to conduct the research as a collaborative effort in which the study communities are partners with the Division of Subsistence of the Alaska Department of Fish and Game (ADF&G) in each phase of the study. Subsistence uses are a vital natural resource service that was injured by the EVOS that has not yet recovered. Prior to this study, no comprehensive research had taken place to assess the status of subsistence uses since 1998 (Fall and Utermohle 1999).

Approval of this project was delayed one month, and occurred on November 10, 2003. Following notification of approval, ADF&G project staff organized a teleconference with project partners Chugach Regional Resources Commission (CRRC), Bristol Bay Native Association (BBNA), and Kodiak Area Native Association (KANA). We agreed that due to the delay in project startup and the upcoming holiday season (including the Russian Orthodox holidays in January), the project planning workshop originally scheduled for mid-December had to be postponed until early February. It was subsequently scheduled for February 3&4, 2004 in Anchorage, and a workshop agenda was developed and approved. It was also agreed that it was necessary to begin fieldwork as soon as possible following the workshop, and a tentative start up date of February 9, 2004 was selected, before which the revised questionnaire and survey training manual would be completed. Additionally, ADF&G drafted cooperative agreements for review and approval by the three project partners. These agreements were in place by mid January 2004. Meanwhile, the project partners contacted the 15 study communities and obtained letters of support for the project and the names of attendees for the planning workshop and potential local research assistants. A revised project schedule is attached (project milestones and measurable project tasks) as Appendix A.

The project planning workshop took place in Anchorage on February 3 and 4, 2004. Twenty-nine people participated. A list of participants appears in Table 1. Appendix B is the workshop agenda. In attendance were representatives of 13 of the 15 study communities (poor weather prevented designated representatives of Port Graham and Perryville from traveling to Anchorage); staff from BBNA, CRRC, and KANA; and ADF&G staff. EVOS Trustee Council

executive director Gail Phillips addressed the group at the start of the first day. As planned, workshop participants reviewed past study findings and current issues, and then identified questions and topics for the survey instrument. The survey instrument and training manual were completed over the next several days. At the same time, the project partners, working with tribal councils, identified residents of the study communities to be trained as local researchers to assist ADF&G staff in conducting household interviews.

Fieldwork commenced soon after the planning workshop and was essentially complete by the end of May. Table 2 provides a list of the local research assistants who conducted surveys in their communities after receiving training from ADF&G staff. In Cordova, the sampling goal included 50 interviews of randomly selected Eyak Tribe households and 100 randomly selected “other” households (Table 3). Although sampling goals were met for the Eyak Tribe (56 households), a total of 84 “other” households were interviewed, 16 short of the goal. The Eyak Tribe volunteered to interview up to 16 other households in Cordova to meet the original goal of 100 for this stratum. This work took place in late June and early July, and was conducted at no additional expense to the project. Eight more households were surveyed, for a total of 92 for the “other household” stratum and 148 for Cordova in total.

Table 3 provides an overview of sample achievement for each study community. In total, 545 household interviews were completed in the 15 study communities. This is an achievement of 77 percent of the sampling goal; about 13 percent of contacted households declined to participate in the survey; this is a modest refusal rate and consistent with other rounds of interviews in these communities. The rest of the households could not be contacted.

In addition to conducting surveys, local research assistants were hired to perform data entry. The first training session for local research assistants in data entry methods took place at ADF&G in Anchorage on May 13. In total, six people attended this session. A second training occurred in Anchorage on June 15, attended by two people. Also, four individuals were trained by other trainees. All together, trainees (including partner staff) included three from BBNA, seven from CRRC, and two from KANA (for a total of twelve). Table 4 provides a list of the eight individuals from study communities and project partners who conducted data entry. (Four others were trained but did not enter any surveys.) All survey forms were entered twice: once by ADF&G staff and again by the local research assistants. By the end of June, the entire first round of entry had occurred, and the second round of data entry was completed by the end of July. In August, the two datasets were compared, errors identified, and discrepancies reconciled, prior to data analysis.

2. Future Work. Data analysis will begin in early September. Consistent with the late project start up, completion of project objectives is running about a month behind the original schedule. Data analysis will continue through September, and therefore it was necessary to postpone the data review workshop (Objective Five) until October 12&13, 2004, instead of late September as originally planned. This should not affect completion of the draft final report by the end of December or presentation of preliminary findings at the GEM Workshop in January 2005. The workshop will take place at the Homewood Suites in Anchorage. Participants will include representatives of each project partner (BBNA, CRRC, KANA), ADF&G project staff, and representatives of each study community (to be arranged by the three project partner

organizations). The overall goal of the workshop is to review preliminary study findings, discuss interpretation of the data, and develop ideas for the content of the final report.

3. Coordination/Collaboration. The project is a collaboration between ADF&G, the Bristol Bay Native Association (BBNA), the Chugach Regional Resources Commission (CRRC), and the Kodiak Area Native Association (KANA). Details on coordination and collaboration efforts, including community approvals, the project planning workshop, training of local research assistants, and training of study community residents in data entry, are provided in the “work performed” section, above.

4. Community Involvement/TEK & Resource Management Applications. See “work performed” section, above.

5. Information Transfer. There have been no publications or conference presentations to date. The project planning workshop held in February 2004 with project partners and study community representatives is discussed under “work performed” section, above.

6. Budget. There are no differences or problems between actual and budgeted expenditures to report to date.

Literature Cited

Fall, James A. and Charles J. Utermohle (editors and compilers). 1999. Subsistence Harvests and Uses in Eight Communities Ten Years after the *Exxon Valdez* Oil Spill. Alaska Department of Fish and Game, Division of Subsistence Technical Paper No. 252. Juneau. (Also published in the final report series of the EVOS TC for Project 99471.)

Signature of PI: _____ James A. Fall _____

Project Web Site Address: _____ None _____

Table 1. Attendees, Project Planning Workshop, Project 010471/Update of the Status of Subsistence Uses in Exxon Valdez Oil Spill Area Communities¹

Name	Representing
Ambrosia, Alex	Ouzinkie
Andersen, Ralph	BBNA
Brown-Schwalenberg, Patty	CRRC
Davis, Brian	ADF&G
Eluska, David Sr.	Akhiok
Evanoff, Larry	Chenega Bay
Evans, Vince	Nanwalek
Fall, James A.	ADF&G
Holen, Davin	ADF&G
Huber, Brett	ADF&G
King, Mark	Eyak (Cordova)
Kompkoff, Gary	Tatitlek
Kompkoff, Pete A. III	Chenega Bay
Krieg, Ted	ADF&G
Lind, Johnny	Chignik Lake
Lukin, Ivan	Port Lions
Nelson, Maranda	Qutekcak Tribe (Seward)
Nicholson, Hans	BBNA
Panamaroff, Alex III	KANA
Panamaroff, Alex Jr.	Larsen Bay
Peterson, Conrad	Old Harbor
Phillips, Gail	EVOSTC
Reft, Alicia	Karluk
Scarbrough, Lisa	ADF&G
Simeone, Bill	ADF&G
Squartsoff, Herman	Ouzinkie
Stanek, Ronald	ADF&G
Walker, Robert	ADF&G
Williams, Liz	ADF&G

¹ The workshop took place in Anchorage on February 3 & 4, 2004.

Table 2. Local Research Assistants, EVOS Survey, 2004

Location	Name
Akhiok	Rastopsoff, Roy
Chenega Bay	Kompkoff, Pete
Chignik Bay	Aleck, Polly
Chignik Lagoon	Stepanoff, Laura
Chignik Lake	Lind-Stepanoff, Nailene
Cordova	Becker, Karl
Cordova	Del Pesco, Nancy
Cordova	Johnson, Kim
Cordova	Nichols, Marie
Cordova	Pearson, Clark
Cordova	Swartzgart, Karen
Karluk	Reft, Alicia
Larsen Bay	Jones, Roy
Nanwalek	Tanape, Nick Sr.
Nanwalek	Kvasnikoff, James
Nanwalek	Kvasnikoff, Cornelius
Nanwalek	Tanape, Nick S.
Old Harbor	Peterson, Vicki
Old Harbor	Christiansen, C.J., Jr.
Old Harbor	Nicolai, Yakov
Ouzinkie	Squartsoff, Herman
Perryville	Shangin, Andy
Port Graham	Robart, Gerald
Port Graham	Moonin, Paul
Port Lions	Bartleson, Wendy
Port Lions	Nelson, Candace
Tatitlek	Totemoff, Peggy

Table 3. Sample Achievement, EVOS Update Project, 2004

Community	Estimated Number of Households	Interview Goal	Households Interviewed	Failed to Contact	Refused	Refusal Rate	Percentage Interviewed	Percentage of Goal Interviewed
Akhiok	15	15	11	4	0	0.0%	73.3%	73.3%
Chenega Bay	20	20	16	2	2	11.1%	80.0%	80.0%
Chignik	29	29	22	4	3	12.0%	75.9%	75.9%
Chignik Lagoon	22	22	16	5	1	5.9%	72.7%	72.7%
Chignik Lake	31	31	21	4	6	22.2%	67.7%	67.7%
Cordova	910	150	148	35	27	15.4%	16.3%	98.7%
Eyak Sample	175	50	56	8	6	9.7%	32.0%	112.0%
Other Households	735	100	92	27	21	18.6%	12.5%	92.0%
Karluk	15	15	7	8	0	0.0%	46.7%	46.7%
Larsen Bay	31	31	25	4	2	7.4%	80.6%	80.6%
Nanwalek	51	51	22	14	15	40.5%	43.1%	43.1%
Old Harbor	76	76	52	14	10	16.1%	68.4%	68.4%
Ouzinkie	69	69	51	17	1	1.9%	73.9%	73.9%
Perryville	33	33	27	2	4	12.9%	81.8%	81.8%
Port Graham	66	66	48	16	3	5.9%	72.7%	72.7%
Port Lions	71	71	54	9	8	12.9%	76.1%	76.1%
Tatitlek	27	27	25	1	1	3.8%	92.6%	92.6%
Totals	1466	706	545	139	83	13.2%	37.2%	77.2%

Table 4. Partner Organization Personnel Performing
Data Entry, EVOS Surveys, 2004

Name	Organization/Community
Aleck, Polly	BBNA/Chignik Bay
Jones, Roy	KANA/Larsen Bay
Kitsick, Theresa	CRRC
Kompkoff, Kelly	CRRC/Tatitlek
Kvansnikoff, Carol	CRRC/Nanwalek
O'Domin, Inez	BBNA/Chignik Lake
Rhodes, Diana	CRRC
Stellwag, L.	CRRC

Appendix A. Revised Measurable Project Tasks and Milestones

FY04, 1st Quarter (October 1, 2003 – December 31, 2003)

November 10, 2003	EVOS TC approval and notification
December 2003	Draft cooperative agreements with project partners

FY04, 2nd Quarter (January 1, 2004 – March 31, 2004)

January 2004	Obtain tribal letters of support; DONE
January 2004	Finalize coop agreements with project partners; DONE
February 3&4, 2004	Project Planning Workshop, Anchorage; DONE
February 6, 2004	Finalize survey instrument; DONE
February 9 to March 31, 2004	Fieldwork; DONE
March 2004	Identify local researchers to be trained for data entry; DONE

FY04, 3rd Quarter (April 1, 2004 – June 30, 2004)

April 2004	Train local researchers for data entry; DONE
April, May, and June	Complete data entry and review; DONE

FY04, 4th Quarter (July 1, 2004 – September 30, 2004)

September 1, 2004	Submit annual report
September 2004	Complete data analysis (changed from August)
September 2004	Submit data inventory to EVOS TC Data Systems Manager (changed from June)

FY05, 1st Quarter (October 1, 2004 – December 31, 2004)

October 12&13, 2004	Data Review Workshop, Anchorage (changed from late September)
October & November 2004	Prepare review draft of final report
December 2004	Draft report distributed for review

FY05, 2nd Quarter (January 1, 2005 – March 31, 2005)

January 2005	Report study findings at Annual GEM workshop
March 2005	Revise draft final report
	Submit data to EVOS TC Data Archive

FY05, 3rd Quarter (April 1, 2005 – June 30, 2005)

April 15, 2005	Submit draft final report to EVOS TC
	Mail project summary

**APPENDIX B:
AGENDA: RESEARCH PLANNING WORKSHOP
PROJECT 040471: UPDATE OF THE STATUS OF SUBSISTENCE USES
IN EXXON VALDEZ OIL SPILL AREA COMMUNITIES**

Hilton Garden Inn
100 West Tudor (SE corner of Tudor Road and C Street)
Anchorage, AK
February 3 and 4, 2004

Sponsored by:

Exxon Valdez Oil Spill Trustee Council
Bristol Bay Native Association
Chugach Regional Resources Commission
Kodiak Area Native Association
Division of Subsistence, Alaska Department of Fish and Game

Purpose: Review findings of previous research on subsistence uses in the EVOS area, discuss research methods, and develop recommendations for research topics and interview questions for next round of household surveys for Project 040471.

DAY ONE (Tuesday, February 3, 2004)

(Note: each agenda item includes a question/answer period.)

8:30	Greetings, Introductions, Agenda	Jim Fall, ADF&G Patty Brown-Schwalenberg, CRRC Ralph Andersen, BBNA Alex Panamaroff III, KANA
9:00	Why We Are Here: EVOS Trustee Council Evaluation of Natural Resource Services	Gail Phillips, Executive Director, EVOS Trustee Council
9:15	Overview of Previous Findings about Subsistence and the Oil Spill, and Overview of Proposed Project	Jim Fall, ADF&G
10:00	Break	
10:15	Community Reports & Open Discussion	

Lunch Break: 12 Noon - 1:30

1:30	Continue Community Reports	
2:15	Research Methods	Panel, ADF&G
2:45	Data Management Methods	Robert Walker, ADF&G
3:00	Break	
3:15	Small Group Discussions	
4:30	Recess for the day	

DAY TWO (Wednesday, February 4, 2004)

8:30 Continue Small Group Discussions

10:00 Break

10:15 Small Group Reports

Group chairs and/or reporters

Lunch Break 12 Noon - 1:30

1:30 Discussion of Group Reports
and Previous Research

3:00 Break

3:15 Summarize Recommendations of Group
Formation of Survey Instrument
Drafting Committee (if necessary)

4:00 Wrap Up: What's Next?

Fall, Brown-Schwalenberg,
Andersen, and Panamaroff

4:30 Adjourn