

Kuskokwim River Salmon Management Working Group

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Meeting Summary

July 15, 2013

Meeting called to order at 10:02 am and adjourned at 12:53 pm. Nine full voting members were present and a quorum was established. Bev Hoffman (Chair) said that she called the meeting in order to look at Bethel Test Fish and escapement project numbers for Chinook salmon and to hear input from stakeholders.

AGENDA ITEMS:

Continuing Business: Run assessment and management actions.

Old Business Discussion Topics: Report from Senator Begich meeting.

New Business Discussion Topics: none

WORKING GROUP ACTION ITEMS: none

WORKING GROUP MOTIONS:

1. To accept the agenda as amended. Motion passed unanimously.
2. To accept the ADF&G Recommendation: The Upper Section of Subdistrict 1-B will open to commercial salmon fishing for 6 hours from 12:00 p.m. until 6:00 p.m. on Tuesday, July 16, 2013. The Lower Section of Subdistrict 1-B will open to commercial salmon fishing for 8 hours from 10:00 a.m. until 6:00 p.m. on Tuesday, July 16, 2013. Coastal Village Seafoods has agreed to not purchase king salmon during this commercial period. Commercial fisherman can release live king salmon or retain them for subsistence purposes. Motion passed (6 yeas, 2 nays, 1 abstention).

PEOPLE TO BE HEARD:

1. Casie Stockdale read an email from Art Ivanoff, Chair of the Southern Norton Sound Advisory Committee (SNADC), inviting a representative from the Working Group to attend a Chinook summit in Unalakleet on August 26, 2013. Casie said that the summit will likely focus on Norton Sound stocks but would like to include other AYK representatives. Chris Shelden (ADF&G) stated that funding would be available for sending a representative. Bev Hoffman (Chair) said that she would gladly accept Art Ivanoff's invitation for her to attend if other members approved.
2. Sargent Ken Actin (Alaska State Wildlife Troopers) reported recent enforcement activity on the Kuskokwim River. He said that state and federal officers have spent a total of 880 hours on the river to date. From June 21 to July 12, Actin reported 6 illegal gear seizures and citations, 3 citations for fishing closed waters, and 22 assorted other violations. He reiterated comments from the June 26 meeting regarding 7 abandoned nets containing wasted and rotten fish and other

- animals. Actin commented that 90% of patrols had been by boat and 10% by aircraft. He said that most violations had occurred on the lower river, except for 3 recent citations on the Aniak River. Actin said that Troopers will continue daily patrols.
3. Roberta Chavez (ONC) recognized ONC staff for a successful subsistence survey season. She said that ONC surveyors had completed their last visits to fish camps on Sunday, July 14. The Chair expressed appreciation on behalf of the Working Group for the information provided by this project and also thanked the families involved in the survey program.
 4. Clarence Daniel requested ocean bycatch graphs to compare to other run assessment information. Clarence also commented that tributaries should be closed during times of salmon spawning, just like bird hunting is closed when birds are nesting. Sheldon replied that groundfish fishery bycatch information is accessible online and that the State is not responsible for providing it. The Chair asked Casie Stockdale to continue providing bycatch numbers to the Working Group.
 5. Robert Nick from the tundra village of Nunapitchuk expressed gratification and satisfaction from subsistence fishermen on the lower river. He thanked state and federal managers for allowing more subsistence salmon fishing opportunity in 2013. He also thanked Working Group members for their volunteer work. Bev Hoffman asked that Robert, as an elder and original Working Group member, review the information packet and provide feedback. Robert agreed to and mentioned that he would like to be more involved in the Working Group again.
 6. Tim Andrew (AVCP) commented that it would be nice to see how Chinook runs are doing in other areas of the state.
 7. Nick Kameroff from Aniak expressed concern about Chinook habitat destruction in tributaries caused by sport fishermen and jet units, and also in the ocean where trawlers scrape the ocean floor. Nick said he wants his grandkids to have to luxury of fishing "like we do."
 8. At the end of the meeting, Gene Peltola, Jr. (YK Delta National Wildlife Refuge Manager) announced that he would be moving on to another position with USFWS. As the new Assistant Regional Director for OSM, Gene said that he will continue working with Chinook conservation issues throughout the state and hoped to continue participating in Working Group meetings when possible.

CONTINUING BUSINESS:

Subsistence Reports

- Lowest River Reports:

Charlie Brown (Commercial Fishing) commented that people at the mouth of the river are done with subsistence this year. He said that is family caught the same number of fish as last year.

James Charles (Downriver Elder) reported that his family's subsistence harvest was much better than 2012 when he had to travel outside of the Rolling Closure boundary to catch Chinook. He commented that about half the fish he harvested this year were chum and sockeye because they arrived at the same time as Chinook. James said that there were not many people subsistence fishing now, possibly because they are commercial fishing in Quinhagak.

Henry Lupie (Member at Large) said that his report was the same as James Charles'. He added that most, if not all, subsistence fishermen in Tuntutuliak were happy this year. Henry said that conservation outreach on the radio and other media had an impact on people conserving Chinook salmon this summer.

- **ONC Inseason Subsistence Report:**

Iyana Dull (ONC) gave an oral report for the last week of ONC subsistence surveys. He said that surveyors had observed 4 setnets and 1 driftnet in the last week. Iyana reported that most families were finished fishing, except for some Coho later in the season. He commented that many families expressed thanks to ADF&G for not implementing closures early in the season because the weather had been better for fishing and drying at that time. Iyana also said that some people wanted restrictions on 8-inch gear so that bigger kings could make it to spawning grounds. *Please see July 23 Info Packet for the full July 14 ONC report.*

- **Lower River Reports:**

Casie Stockdale (Lower River Subsistence alternate) reported that her household had not put a net in the water yet because they did not want to risk catching kings. She said that her boyfriend's family had also wanted to focus on other species.

Greg Roczicka (Lower River Subsistence alternate) said that he harvested chums, reds, and 4 kings this year. He suggested requiring subsistence permits in the future because 35 % of the subsistence salmon harvest comes from the Bethel area, "which needs to be reduced." Greg stated, "There is always a way to do it. We did it with game, and that was challenged and went all the way to the Supreme Court."

Mike Williams (Lower River Subsistence) reported that most people are done fishing, except to catch a few fish for immediate use. He said that people are "pretty happy this summer with the returns of all species." Mike said that he fished for his dogs with his 5 ¾ net last week and caught 120 chum in 5 minutes, along with 15 reds and 5 kings. Another fisherman used smaller mesh and caught 200 chum salmon below Akiachak that were distributed to relatives.

John Andrew (YK Delta RAC alternate) could not attend the meeting, but sent a report saying that the river was "full of chum" and his prop keeps hitting fish in the water. He said that one family caught 200 chum in one drift.

Bev Hoffman (Chair) said that one person she talked to suggested using Tier 2 as a management tool, because "there are not enough kings to sustain what everyone thinks they need." Someone suggested restricting each household to one setnet, and another person suggested a moratorium for Chinook salmon.

Bev commented that she thought that about half of lower river households had tried to be conservative, but others had taken more Chinook than they usually do. She added that she recently saw three 50-pound fish boxes leaving the Bethel airport. Bev commented that she hopes to continue hearing feedback from up and down the river because the Chinook run affects many different user groups. She said that she looks forward to discussing options for Chinook management at the next Interagency Meeting.

- Middle River reports:

Dave Cannon (Middle River Subsistence alternate) reported that families that had not met their harvest goals were still fishing. He said that people were jarring and drying chum salmon. He commented that most people were very concerned about numbers at escapement projects. He stated, "It's a dire situation and we need to think about conserving for the future."

Wayne Morgan (Middle River Subsistence alternate) reported people in Georgetown, Sleetmute, and Stony River were drying the salmon that they harvested. Wayne suggested having a sonar project on the lower river as an additional inseason management tool. He commented that we need to be more pro-active in the years ahead because we need to get more fish to the spawning grounds: "Something needs to be done, and we have to do it within the next year."

- KNA Inseason Subsistence Reports: *Please see July 15 Information Packet for full KNA report.*

- Upper River Subsistence Reports:

Mark Leary (Upriver Subsistence) reported that people said that they had not caught enough kings.

Barbara Carlson (Upriver Subsistence alternate) commented that the run indices in the July 15 Information Packet "are even scarier than what the fishing has been." She said that many people in the upper river were still fishing, but "at this point, we have all given up on kings." Barbara said that the sockeye arrived at the same time as the chum so they were hard to target. She also commented that the drying weather had been poor lately. One suggestion she had heard was to limit the length of nets to 100 or 150 feet. Barbara commented "...I guess what I see is that there are too many of us wanting king salmon, and there are not enough kings." She suggested a more "equitable" distribution of resources was called for "in the coming years."

Ray Collins (Western Interior RAC) said that there had been few kings in McGrath this year. He said that one setnet fisherman who usually catches 3 or 4 Chinook salmon had not caught any so far. He also reported that another family had not seen the kings as they usually do, but had reported good sockeye catches. Ray said he was very concerned about Takotna River escapement.

- Headwaters Report:

Dan Esai (Headwaters Subsistence) said that Chinook numbers were low on the Salmon River (Pitka Fork) but other salmon were “in good shape.” He also commented that the water level at the headwaters was low.

Overview of Kuskokwim River salmon run assessment projects:

- **Bethel Test Fishery:**

Colton Lipka (ADF&G) reported that the water level had been average and was beginning to drop. He said that water temperature had mostly stayed within an average range, and that water clarity remained poor.

Chinook Salmon

Colton Lipka said that the Chinook run was tracking lower than other years on the cumulative CPUE figure. Travis Elison pointed out that the BTF Late Run Timing Tool indicated that Chinook escapement would meet the lower bound of the drainage-wide escapement goal. Travis went on to say that the numbers, “Are much lower than ...we would like [them] to be,” even after twelve days of gear restrictions. He said that there was “not much of a king run left to manage.” He added, “I’m sure there will be discussions this winter on how to approach next year. I’m sure we will come up with some changes.”

Chum

Colton Lipka commented that chum salmon had arrived in pulses this year. Travis Elison added that the chum run started slowly, then “ramped up” to where it looks like escapement goals will be achieved with some excess.

Sockeye

Colton Lipka reported that sockeye salmon CPUE values were tracking in the middle of previous years. Travis Elison commented that the sockeye run was “slowing down,” which was normal for mid-July.

Discussion:

Gene Peltola, Jr., asked when BTF had started fishing in 2013 compared to previous years, and if the methodology as been consistent each year. Colton Lipka replied that the first day of fishing was June 1, as it has been historically. He said that historically the last day of fishing the 8-inch net is July 15, which will be the same this year. Colton commented that each drift lasts 20 minutes, except when there is a high abundance of chum salmon.

Charlie Brown asked if BTF was catching more chums or sockeye this time of year. Colton Lipka replied that chum were in excess, which was normal.

James Charles commented, and Henry Lupie agreed, that fish were harder to catch at the mouth because the river’s width, depth, and different channels decreased fish densities. James suggested having a way of counting fish entering the river.

Henry Lupie commented that the south wind drives the fish up the river from the ocean, which usually happens the last week of June or first week of July. However,

he said that in 2013 he had tried to fish with his chum net during those weeks and he caught hardly anything.

Bev Hoffman requested to see the entire CPUE table for each species at the last meeting of the season.

Charlie Brown asked when commercial fishing for chum and sockeye would open on the river. Travis Elison replied that he would address commercial fishing in the ADF&G recommendation.

- **Weirs:**

Brittany Blain (ADF&G) gave updates on all salmon escapement projects. *Please see July 15 Information Packet for tables and figures.*

Operational Summary: All weir projects were installed prior to the arrival of salmon. With few exceptions, all projects have operated continuously to date with minimal reports of missed passage. All estimates of missed passage will be done post season.

- George River weir has experienced partial day counts due to high water from July 7th-11th.
- Kogrukluk weir has experience partial day counts due to high water on July 7th and 9th. The weir did not operate on July 8th.
- Takotna River weir experienced a partial day count on July 14th.

Chinook: Relative to past years, Chinook salmon run timing at weir projects is late and cumulative escapement counts are low.

- Kwethluk River weir escapement is the lowest on record for this date.
- Tuluksak River weir escapement is similar to escapements seen since 2007 – which average less than 500 fish.
- Salmon River (Aniak) has only two years of previous data for Chinook salmon and interpretation of 2013 escapement counts are limited.
- George River weir escapement is tracking similar to the 2008 run, which was the latest run on record for this project and resulted in a near average escapement.
- Kogrukluk River weir escapement counts are the lowest on record for this project.
- Tatlawiksuk River weir escapement is similar to 2008, which was the latest on record for this project and resulted in a near average escapement.
- Takotna River weir escapement is similar to 2011, which had the latest run timing and lowest total escapement on record for this project.

Chum: Relative to past years, chum salmon run timing and cumulative escapement counts are near average for all projects except Kwethluk River. Kwethluk River weir escapement is the lowest on record for this date. Kogrukluk River weir escapement

has exceeded the lower bound of the established sustainable escapement goal of 15,000–49,000 chum salmon.

Sockeye: It is still too early in the sockeye salmon escapement to clearly interpret escapement counts across the range of projects. Escapement appears late and low at Kwethluk and Kogrukluk River weirs. Escapement past the Telaquana Lake weir (Stony River) appears early and is the largest on record for that project. Sockeye salmon have just begun to show up at Salmon River weir (Aniak River). Escapements of sockeye salmon to Telaquana Lake and Salmon River are difficult to interpret at this time because both projects have operated for only a few years.

Discussion:

There was much discussion on Kwethluk River escapement:

In regard to the extremely low escapement numbers on the Kwethluk River, Steve Miller (USFWS) stated that the weir was fish tight. However, he said, "We have not seen any fish in the river, above the weir or below the weir." Steve commented that the water level was low, but there was plenty of water for salmon to pass. He said the only explanation he could come up with was that the fish were still lower in the system. Steve remarked, "...the Refuge has concerns."

Tim Andrew (AVCP) asked about using individual tributary escapements instead of a whole river escapement. Travis Elison replied that, opposed to making escapement goals on each individual weir, now ADF&G uses the Total Drainage-wide Escapement estimate, which incorporates the Kwethluk weir and all other weir systems. Kevin Schaberg (ADF&G) commented "...one of the things that we all need to remember is that there is a lot of uncertainty in that relationship..." between escapement and the BTF tool. "We try to account for some of it...but it's not a perfect relationship."

Ray Collins asked if Kwethluk escapement was being affected by factors in the ocean or in the river. Travis Elison said that the 4-inch mesh restrictions on the Kwethluk River and Kuskokuak Slough should be protecting those fish, but all three salmon species have lower escapement numbers compared to the rest of the weirs. Steve Miller suggested the possibility that restrictions on the Kwethluk may have moved fishing pressure into another area of the river where Kwethluk stocks are being harvested at a higher rate. Ray replied that management should consider the effect of closing tributaries on the mainstem Kuskokwim. He said, "We can't manage for just one stream." Bev agreed with Ray, saying that there are many pressures on kings these days.

Casie Stockdale asked about what percentage of the runs had passed the Kwethluk weir. Steve Miller replied that Chinook should be at the 25th percentile of the run by July 15 at "the latest." Brittany Blain, noting the variability of run timings, suggested that another week was needed to get a better idea of the potential lateness or abundance of Chinook at Kwethluk and other weirs.

Don Rivard (OSM) asked for clarification on whether the goal for management was a Chinook escapement of 65,000 or 85,000. Travis Elison explained that the lower target line on the Bethel Test Fish Late Run Timing Tool figure "gives us 90 percent confidence that we will achieve 65,000, or better." However, he said that based on

current weir numbers, achievement of escapement goals was uncertain. He did clarify that most weirs are only believed to have passed between 25 percent and 50 percent of the Chinook salmon run. Travis summed up by saying, "It looks like Bethel Test Fish has given us an indication that we were fine, but that might not be the case...because of the uncertainty in the relationship from Test Fish to escapement."

Kevin Schaberg reiterated that weir escapements were still developing. He said that he hopes to see a bump in escapement at weir projects soon as a result of the 6-inch mesh restrictions, the effects of which might appear within the next week. Kevin also commented that we will not know how late the Chinook run is until the end of the season. He said that even with the numbers that we are seeing, there is still a chance that tributaries will achieve escapement.

Other discussion:

Clarence Daniel asked which parent years had been record bycatch years in ocean groundfish fisheries. Travis Elison replied that 2007 had seen the highest Chinook bycatch, with a mix of fish ages. Casie Stockdale added that the effects Chinook the 2007 bycatch had already been seen, and that in the 2013 bycatch would not have an effect on escapements 2014 or 2015. Clarence then commented that many of the fish he caught recently had bite and claw marks, and asked if the Department checks to see if there are any seals or belugas intercepting fish at the mouth. Travis Elison replied that the Department does not track marine mammal predation on salmon. He said, "It's just part of the natural process."

Dave Cannon asked whether the Late Run Timing model still applied, and Travis Elison replied that 2013 was still considered a late Chinook year, even though it might not be as late as had originally been thought. He explained that the Late Run Timing model still applied to the projection because the lines tracked the same as on the BTF Cumulative CPUE figure.

Ray Collins asked about sockeye numbers at the Takotna River weir. Brittany Blain replied that the Takotna weir has not seen any sockeye this year.

Commercial Catch Report:

In answer to a question about Kuskokwim Bay fisheries, Travis Elison stated that commercial fishing in the bay districts started late this year. He said that the season began with "half-openers" for the first four periods in Districts W4 and W5 in order to reduce Chinook harvest. He said that these management techniques resulted in very low Chinook bycatch to date. Travis said that Chinook escapement was low in monitored bay tributaries, but better than last year. He reported that the escapement goal for sockeye had been met on the Goodnews River and there were many sockeye in the Kanektok River.

Processor Report:

Nick Souza reported that 2013 had been a slow year so far. He said that Coastal Village Seafoods had processed about half of what they usually have from in Districts W4 and W5.

Sport Fish Report:

Bev Hoffman commented that sport fishing had been closed. She said that local people fishing on tributaries have said that they have not seen many salmon, but the chums were moving in and trout fishing was good.

Travis Elison reported that the Sport Fish Division announced last week that Chinook salmon would be catch and release only in Kuskokwim Bay.

Dave Cannon commented that sport fishing in tributaries near Aniak was closed. He said that guides and locals were fishing the mouth of the Holokuk River and that king salmon catches were low.

Bycatch Report:

Casie Stockdale reported that, as of May, 2013, a total of 9,223 Chinook were harvested in all groundfish fisheries. She said that 8,575 Chinook and 18,474 other salmon (primarily chum) were caught in the Pollock fishery as of July 11, 2013. Casie clarified that the majority of Chinook caught as bycatch in groundfish fisheries were not Kuskokwim fish. She also clarified that the fish caught as bycatch this year were not going to spawn until 2014 or 2015.

Weather Forecast:

The forecast for the Kuskokwim valley was clouds, rain, and patchy fog.

ADF&G Recommendation: The Upper Section of Subdistrict 1-B will open to commercial salmon fishing for 6 hours from 12:00 p.m. until 6:00 p.m. on Tuesday, July 16, 2013. The Lower Section of Subdistrict 1-B will open to commercial salmon fishing for 8 hours from 10:00 a.m. until 6:00 p.m. on Tuesday, July 16, 2013. Coastal Village Seafoods has agreed to not purchase king salmon during this commercial period. Commercial fisherman can release live king salmon or retain them for subsistence purposes.

Discussion:

Greg Roczicka asked if commercial fishing openings still required 12 hours of notification. Travis Elison replied that regulation stated 12 hours of notification "to the extent practicable," so the sooner the meeting was finished he could announce an opener if appropriate.

Dave Cannon asked if Bethel Test Fish gave any indication of how many Chinook would be caught. Travis Elison replied that he expects the harvest on July 16 to be less than 100 Chinook, and between 5,000 to 15,000 chum salmon. Nick Souza agreed that CVS would not purchase Chinook salmon.

James Charles commented that commercial fishermen in Napaskiak had a meeting and were asking for an opener. Travis Elison said that many commercial fishermen had been calling the ADF&G office in Bethel asking for him to open commercial fishing. Mike Williams said he had no problem with the recommendation.

Gene Peltola (USFWS) commented that he would be more supportive if the commercial opener was farther downriver because of concern for Kwethluk River escapement. He

said that USFWS would recommend a cautious approach to the commercial utilization of salmon. Travis Elison added that there will not be a processor interested in purchasing fish in District 1A (above Bethel) so all openers would be in District 1B. He said that he would like to hold commercial fishing to two periods per week due to processor capacity and logistics, which would result in less commercial fishing than in previous years.

Casie Stockdale then asked if Travis would stop the commercial fishery if too many kings were harvested. He replied that in 2012, the commercial harvest of Chinook had been capped at 400 fish. He said that in 2013, this would be unlikely because commercial fishing will begin later in the run.

Bev Hoffman commented that she was concerned about Chinook escapement numbers so she was not comfortable with the recommendation. Travis Elison replied that the July 16 commercial period would be "all about chum salmon." He told Bev that the Kogrukluk River, the only weir project with an escapement goal for chum, met the lower bound of chum escapement on July 14 at 50 percent of run passage. He said that all other weir projects are seeing good chum numbers, except for the Kwethluk, which was "an outlier" because all salmon numbers were low there for some reason. Travis assured the group that commercial fishing would not be near the Kwethluk; but on the lower river where all tributary stocks are mixed together. He stated, "We've got to find the balance here, of all species and all user groups."

OLD BUSINESS:

Greg Rockzicka gave a report from the July 3 public discussion with Senator Begich in Fairbanks regarding the re-authorization of the Magnusson-Stevens Act. Greg said Begich chose to meet with subsistence fishermen as the first step in a three-year process of gathering input from stakeholders. Greg met with AVCP, Tanana Chiefs, and other subsistence users before the meeting and drafted recommendations for the senator. Greg said that the recommendations including adding seats for subsistence users to the council, incorporating ANILCA language, and distributing fines for Chinook bycatch in ground fish fisheries to AYKSSI or the Inter-tribal Fisheries Commission.

Discussion

Mike Williams commented that tribes should have formal consultation with government officials regarding the reauthorization. He said he wanted to thank Senator Begich for reaching out [to subsistence fishermen] and he looks forward to discussions about making legislation that will benefit all, instead of just a few. Bev Hoffman added that there will be ample opportunity for more public input, and that she had shared information on Facebook on how to contact the senator.

NEW BUSINESS: none

WORKING GROUP MOTIONS:

MOTION 1: To accept the agenda as amended. Motion passed unanimously (9 yeas, 0 nays).

MOTION 2: To accept ADF&G's recommendation. Motion passed (6 yeas, 2 nays, 1 abstention). *Please see ADF&G Recommendation under Continuing Business for details.*

COMMENTS FOR MOTION 2: *Please see Discussion following the ADF&G Recommendation in Continuing Business.*

GENERAL COMMENTS FROM WORKING GROUP MEMBERS:

Casie Stockdale gave OSM's response to the proposal for the monitoring of Chinook salmon shipped out of the area from the Aniak and Bethel airports. (The Working Group requested the monitoring of Chinook, and a joint proposal was submitted by AVCP, KNA, and the Leopold Institute). Casie said that OSM agreed to fund a one-year pilot study.

Mark Leary explained that he abstained on Motion 2 because he needed more time to think about the recommendation. He said that he grew up commercial fishing on the lower river and understands the importance of it to the people there. He commented that now that we are in "a desperate situation" for kings, he wanted measures taken so kings were not taken as bycatch. Bev Hoffman told Mark that the commercial fishery would have the same mesh size restrictions as last year.

Barbara Carlson said that she was appreciative of information on Chinook bycatch in the ocean. She thanked Bev Hoffman for calling the meeting because, "we are all concerned."

Henry Lupie commented that on the Yukon River, Kuskokwim River, and Kuskokwim Bay "we were taught to catch as many fish as possible when there are fish." Henry said that many subsistence fishermen still believe this, but people like him are in a dilemma because they know the current situation for king salmon. He stated, "I think our mindset needs to be changed" like those who are "getting informed and are trying to conserve king salmon." Henry thanked ADF&G and USFWS for the "great improvement" in cooperative management this year. Henry said that there should not be a moratorium on Chinook because "king salmon are part of our livelihood."

Bev Hoffman asked that Nick Souza encourage his commercial fishers to distribute Chinook to elders and others in need. Bev also said that she felt that it had been a good meeting and that there was a lot on the table to discuss for future years. She stated, "We are fishing differently" and that more people were fishing. She said that people had reported bigger catches, larger nets, and longer nets; and that the coastal communities are fishing more for Chinook than they used to, as well.

WORKING GROUP ATTENDANCE:

MEMBER SEAT:	NAME:
DOWNRIVER ELDER	James Charles
UPRIVER ELDER	<i>Vacant</i>
LOWER RIVER SUBSISTENCE	Mike Williams
MIDDLE RIVER SUBSISTENCE	Dave Cannon
UPRIVER SUBSISTENCE	Mark Leary
HEADWATERS SUBSISTENCE	<i>Dan Esai (arrived at 12:00 pm)</i>
MEMBER AT LARGE	Henry Lupie
WESTERN INTERIOR RAC	Ray Collins
YK DELTA RAC	<i>Absent</i>
COMMERCIAL FISHING	Charlie Brown
SPORT FISHING	Bev Hoffman
PROCESSOR	Nick Souza
ADF&G	Travis Elison
CHAIR	Bev Hoffman

Other Participants:	
<u>ADF&G Comm. Fish:</u> Chris Shelden, Kevin Schaberg, Travis Elison, Alice Bailey, Brittany Blain, Colton Lipka, Sarah Adams <u>Sport Fish:</u> John Chythlook <u>Subsistence Division:</u> Jeff Park, Hiroko Ikuta	
<u>USFWS:</u> Ken Harper, Gene Peltola Jr., Steve Miller, Rebecca Frye, Jen Peaks, Aaron Moses <u>OSM:</u> Don Rivard, George Papas	
Alissa Joseph (ONC) Roberta Chavez (ONC) Joachim Larson (ONC) Iyana Dull (ONC) Kate Schaberg (Georgetown) Timothy Andrew (AVCP) LaDonn Robbins (KNA) Nick Kameroff (Aniak) Clarence Daniel	Casie Stockdale (Downriver Subsistence alternate) Greg Roczicka (Lower River Subsistence alternate) Wayne Morgan (Middle River Subsistence alternate) Barbara Carlson (Upriver Subsistence) Greg Hoffman, Jr. (Commercial Fisher alternate) Gerri Sumpter (Senator Murkowski) Angela Denning-Barnes (KYUK Radio) Art Nelson (Bearing Sea Fishermen) Ken Actin (Alaska Wildlife Troopers)

GLOSSARY OF ACRONYMS:

Alaska Department of Fish and Game (**ADF&G**), Orutsararmiut Native Council (**ONC**), Kuskokwim Native Association (**KNA**), Association of Village Council Presidents (**AVCP**), U.S. Fish and Wildlife Service (**USFWS**), Bethel Test Fishery project (**BTF**), Catch Per Unit Effort (**CPUE**), Coastal Village Seafoods (**CVS**), ADF&G Commercial Fisheries Division (**CF**), ADF&G Sport Fisheries Division (**SF**), Regional Advisory Council (**RAC**), Kuskokwim River Salmon Management Working Group (**KRSMWG**, **Working Group**, or **WG**), Sustainable Escapement Goal (**SEG**), Biological Escapement Goal (**BEG**), Management Objective (**MO**), Amounts Reasonably Necessary for Subsistence (**ANS**), Emergency Order (**EO**)