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MINUTES

BEAR RIVER COMMISSION ANNUAL MEETING

Utah Department of Natural Resources Salt Lake City, Utah April 29, 1997

The annual meeting of the Bear River Commission was called to order by Chair Denice Wheeler at 1:00 p.m. on April 29, 1997 at the Utah Department of Natural Resources Building in Salt Lake City, Utah. Chair Wheeler welcomed everyone to the Commission meeting and introduced the Commissioners. Larry Anderson introduced Charles Holmgren as a new Commissioner replacing Calvin Funk. Mr. Holmgren is from Box Elder County and lives in Bear River City. His father, Paul Holmgren served on the Commission from 1969 until 1985. He is a graduate from Utah State University and farms an 850 acre irrigated farm that receives water from the Bear River. Charles has been a member of the Board of Directors of the Bear River Canal Company for the past five years, is a member of the Lower Bear River Distribution System and a Bear River City Councilman. Anderson also introduced Joseph Larsen as an Alternate Commissioner replacing Lee Summers. Mr. Larsen is from Cache Valley and lives in Newton. He graduated from Utah State University and has been a farmer in the Newton area for the past 35 years and irrigates 750 acres of land out of the Bear River. Mr. Larsen is the President of the West Cache Irrigation Company and has served in that capacity for 14 years. He is a member of the Board of Directors of the Newton Water Users Association, a member of the Bear River Water Users Association, and a member of the Newton Volunteer Fire Department.

Chair Wheeler asked that Jeff Fassett recognize the change in status of John Teichert. Mr. Teichert has been a long-term Alternate to the Commission and the Governor of Wyoming has appointed John to be a Commissioner, replacing Reed Dayton. A copy of the attendance roster is attached as Appendix A.

COMMISSION MEMBERS

<u>Chair</u>

Denice Wheeler

Idaho Members

Karl J. Dreher Rodney Wallentine Don W. Gilbert

Utah Members

D. Larry Anderson Blair Francis Charles W. Holmgren

Wyoming Members

Gordon W. Fassett James Crompton John A. Teichert

ENGINEER-MANAGER

Jack A. Barnett Suite 101 106 West 500 South Bountiful, UT 84010

Chair Wheeler presented the agenda for the meeting. The agenda was approved without change and is attached as Appendix B. The Commission then considered the proposed minutes from the Regular Meeting held on November 19, 1996 in Salt Lake City. The minutes were approved with minor editorial changes proposed by John Teichert and Karl Dreher.

Chair Wheeler then moved to agenda item III, the election of officers. Commissioner Fassett nominated James Crompton as the Vice Chairman of the Commission. The nomination was moved, seconded and carried. Fassett further nominated Larry Anderson to continue as the Secretary-Treasurer. The nomination was moved, seconded and carried.

The Chair then moved to agenda item IV, the report of the Secretary-Treasurer. Larry Anderson asked that Bert Page give the expenditures report and further announced that Bert Page, who has helped with the Commission's finances for 31 years, would be retiring in June and that possibly Randy Staker will replace Bert as far as working on Bear River Commission finances. Anderson turned the time to Bert Page for his report. Page distributed copies of three handouts. A copy of each of those handouts is included as Appendix C. Page indicated that at each April Commission meeting, two financial reports are handed out. With the Commission's fiscal year ending between the two Commission meetings, one report shows the past fiscal year's expenditures and the other report shows the current fiscal year expenditures to date. Appendix C, Page One indicates a total income of \$171,288.65 for the period ending June 30, 1996. A total of \$46,320 was paid to the USGS for stream gaging, and there was a total of \$40,441.79 for in-house Commission expenses. As of June 30, 1996, there was a cash balance of \$84,526.86. A complete list of the FY 95-96 expenditures is shown on Page Two of Appendix C.

On Appendix C, Page Three is shown the income as of May 1, 1997. The total income of \$182,311.65 includes the carryover from FY 95-96, the state assessments, payment from Evanston City for stream gaging, and the interest accrued on savings. There has been a payment of \$45,400 to the USGS for stream gaging, and the in-house Commission expenditures total \$37,526.61. A total of \$82,926.61 has been expended as of May 1, 1997, leaving a cash balance of \$99,385.04. Page Four shows a list of Commission expenditures through May 1, 1997. The only question asked of Bert was about the \$24 bank charge. Page indicated that this was for an overdraft when a check slipped through too quickly. There was an additional bank charge of \$9. The bank charges \$1 per month to send cancelled checks back to the Commission. There was a discussion regarding this practice and whether the Commission needed to have the checks returned. It was left to the Secretary-Treasurer to make a decision regarding this issue.

Commissioner Anderson then discussed the expenditure forecast and referred members to Page Five of Appendix C. The interest on savings is an estimated amount. Anderson has tried to estimate the expenditures through the remainder of the fiscal year. The approved budget for FY 96-97 (\$87,350) is shown on Page Three of Appendix C. It has been projected that the expenditures will total around \$93,090, or about \$5,000 more than was budgeted. With the workload that has been given to the Engineer-Manager, he most likely will exceed his contractual amount with the Commission. As the Management Committee met prior to the Commission meeting, it was decided to add a new line-item called "Contingency". Anderson moved that the Commission approve the modified budget as shown for FY 96-97 of \$93,090. The motion was seconded and carried.

Anderson indicated that the Commission needed to approve a budget for FY 97-98. The carryover was estimated, as well as the projected income, and the total estimated income is \$191,636.86. The stream gaging contract for \$46,900 has already been signed. The Secretary-Treasurer was authorized to sign that a year ago. The contract is signed before the fiscal year but is paid during the fiscal year, as the USGS operates on a different fiscal year. There is shown an increase of 3% in the Engineer-Manager's contract. This is approximately the increase compensated to State of Utah employees. There is shown an estimate of expected expenditures and the proposed budget amount is \$93,820. Anderson moved that the Commission approve the budget of \$93,820 for FY 98-99. The motion was seconded and carried. The last two columns of Page Five project the proposed budgets for FY 1999-2000 and FY 2000-2001. This was done to help Wyoming as they prepare proposed budgets for two outyears. Anderson moved that the Commission give tentative approval for the proposed budgets for FY 1999-2000 and FY 2000-2001. The state assessments are for \$30,000 each year as has been the practice in the past. The motion was seconded and carried.

Commissioner Anderson indicated that he needed authorization to sign the USGS contract for stream gaging for \$46,700. That contract will be received in August. If modifications are made in the stream gaging, that amount will be reduced. Anderson moved that the Commission give him the authorization to sign the USGS contract for \$46,700. The motion was seconded and carried. Anderson further discussed the issue of individuals authorized to sign checks. Historically the checks have been signed by the Vice Chairman and the Secretary-Treasurer. In an effort to make sure that the checks can be signed, the Management Committee decided to add a third signator in case either the Vice Chairman or the Secretary-Treasurer is not available to sign checks. The third signator will be either Karl Dreher or Jeff Fassett. Both Dreher and Fassett will sign the signature card.

Chair Wheeler then moved to agenda item V and turned the time to Randy Julander for the Snow Survey report. Julander passed out a handout, a copy of which is attached as Appendix D. Page One of the handout indicates the snowpack as of April 28, 1997 and Julander quickly went through those figures. He pointed out that the areas that have a bonafide high snowpack are in the Franklin Basin/Logan River area. This reflects between 30" to 60" of water sitting on the ground surface ready to melt. There is a very large snowpack in the Bear River Basin. Page Two of the handout indicates the seasonal precipitation from October of 1996 through April 28, 1997. The precipitation has been significantly less than the accumulated snowfall but it is still above normal (about 120% to 150% of average).

Page Three of the handout shows the streamflow forecasts as of April 1, 1997. The forecast is expected to go up about 10% to 15% because of the conditions during April. Page Four shows a snowpack comparison of three years; 1983, 1984 and 1997. The 1997 figures are well above the historic figures in terms of the snowpack. Julander pointed out that the snowpack at the low elevations this year is less than it was during the flood years of 1983 and 1984. This can be a mitigating factor in the peak coming off later in April. Julander also handed out and reviewed a page (included as Page Five of Appendix D) which shows the home page address for the Utah Snow Survey. This is means of obtaining up-to-date information.

Chair Wheeler then moved to agenda item VI and asked Engineer-Manager Barnett to report on water quality efforts. Barnett indicated that as the Commission took comments in the

public hearings relating to the 20-year review of the Compact, many individuals and groups urged the Commission to get involved in additional areas of focus. A Bear River Water Quality Symposium was sponsored by the Bear River Water Quality Task Force and was well attended. The Natural Resources Conservation Service (NRCS) is implementing a new Department of Agriculture program called EQIP which addresses environmental quality issues. The program provides funds to each of the states and the State Conservationist and through a competitive process, allocates funds to address water quality issues. A very significant grant was given to the proposal from the Bear River drainage in Utah. This will lead to good water quality work primarily in the Utah section of the Cache Valley.

Barnett indicated that in behalf of the Commission he attended a reorganizational meeting of the USGS NAWQA study that is beginning to ramp up. Two years ago the Commission heard about the USGS Great Salt Lake Basin NAWQA study. The NAWQA program is a nation-wide effort where the USGS chooses particular watersheds, as funds are available, and studies them in some detail with respect to water quality data. The Great Salt Lake Basin study was put on hold for a time due to lack of funds. Now they are collecting and bringing together all of the important data that can be found. Beginning in October the USGS will be in the field to establish sites to collect water quality data.

Barnett further reported that there have been discussions between the Management Committee of the Commission and the DEQ leads for each of the states concerning the relationship of the Commission and the state water quality leads. There were no questions for Barnett.

The Chair then turned to agenda item VII, the report from the Bear Lake Preservation Advisory Committee by Carly Burton. Mr. Burton reported that the Committee last met on March 6 in Logan. Several issues were discussed, and the largest issue discussed was the new causeway structure design. The design engineer for PacifiCorp came from Portland and discussed the philosophy and design of the structure. The tamarisk removal program was discussed at the meeting, as well as the water outlook and operation of the system. Jim Kimbal mentioned that on April 9 he and a few others took a tour around the lake to look at the tamarisk problem and they mapped the concentrations of the tamarisk. If the water continues to rise, the tamarisk will be drowned. It is possible that the tamarisk will be naturally removed and the problem will be solved. Dave Styer indicated that the lawsuit which was heard about so much over the winter was laid to rest. There were no questions for Mr. Burton.

Chair Wheeler then turned to agenda item VIII and called for an update on the activities and organization of the Bear Lake Regional Commission by Allen Harrison, the Executive Director who was filling in for Dee Johnson. Harrison acknowledged two board members who were with him: Bryce Nielson, the mayor of Garden City; and Richard Winters who represents the recreation interests at Bear Lake and is a member of the Friends of Bear Lake. Mr. Harrison distributed a booklet to Commission members and gave a brief history of the Bear Lake Regional Commission. The Commission was formed in 1973 by Governor Andrus of Idaho and Governor Rampton of Utah. The first charge of the Commission was to create a regional sewer system. The original purposes which were written in the bylaws were to coordinate and enhance the development and protection of Bear Lake and its environs. Since that time the Commission has adopted the following mission statement, "We acknowledge the Bear Lake Valley as a

resource of regional significance and provide for it's continued utilization and preservation, to promote the healthy multiple use of the Basin ecosystem."

The Bear Lake Regional Commission consists of a 10-member board being made of the County Commission Chairmen from Idaho and Utah, mayors of any town with a population over 500. There is a recreation interest board member and an irrigation interest board member. With regards to current projects, in Wyoming the Commission has a 319 project. This project is the construction of sediment ponds on BLM ground above the Bridger Creek drainage area. In Utah, the Commission has stabilized the stream banks where Bridger Creek parallels Highway 30, in cooperation with the Utah Department of Transportation. The Commission has also cooperated with Argyle Ranch to seed and re-fence the eroded areas along the same area of Bridger Creek. In the Laketown area, the Commission has shaped, reseeded and fenced corrals and pastures along the Big Spring Creek area in cooperation with the Willis Ranch. This has helped reduce the sediment loading into that creek that flows directly into Bear Lake.

In Idaho, the Commission is presently constructing a manure separator and manure bunker and have created a marsh to eliminate pollution from the Thomas Fork. There is ongoing baseline monitoring at Bear Lake in cooperation with PacifiCorp. The Bear Lake Regional Commission provides assistance to the Tri-State Bear River Water Quality Task Force.

Mr. Harrison indicated that the Bear Lake Regional Commission has recently been reorganized. The Commission established two support and input groups. The first group is called the Bear Lake Watershed Council and it will be co-chaired by two members of the Bear Lake Regional Commission board. These members are the recreational interest member (Richard Winters) and the irrigators interest member (position yet to be filled). The Watershed Council will have open membership and participation to foster opportunities for input and will meet on an as needed basis. Output from this council will be sent to the second group for a technical feasibility review.

The second group to be organized will be a Technical Review Team. The membership will be open for all local, state and federal and technical people. The Review Team will be chaired by a member of the Bear Lake Regional Commission staff, and their task will be evaluating and recommending actions on the output received from the Watershed Council. This is patterned after the Henry's Fork Watershed Council in Idaho. A special project fund has been established in the Bear Lake Regional Commission budget. These funds will be used to fund projects or actions needed to implement approved output from the Watershed Council and the Technical Review Team. The board and staff will have to look for additional sources of funds if this program is to be successful. Mr. Harrison indicated that a 20-year annual report had been handed out which gives more detail on the projects the Commission has been involved in. There were no questions for Mr. Harrison.

Chair Wheeler then moved to agenda item IX and asked Commissioner Crompton for a report of the Operations Committee. Crompton indicated that the Operations Committee had no new assignments from the Management Committee. There are no anticipated emergencies with water delivery and supply. Crompton turned the time to Carly Burton to have him report on Bear Lake storage and the allocation to users. Burton had previously passed out a handout in the Operations Committee meeting. A copy of that handout is attached as Appendix E. Burton

reviewed the information found on that handout and then pointed out that as of April 29, the inflow to Bear Lake from the Bear River was about 1700 second-feet. The flows will most likely dramatically increase in the next few weeks. The flood control operation is the greatest issue this year, and the allocation for irrigation is not an issue this year. The Bear River Canal Company began diverting water on April 28. Burton pointed out that if Bear Lake reaches an elevation of 5923, in order for PacifiCorp to get the lake back down to 5918 by the end of March of 1998, the average release will be about 750 second-feet out of Bear Lake.

Burton indicated that the Woodruff Narrows Reservoir operation was discussed in the Operations Committee meeting during the morning. His concern was that the Woodruff Narrows Reservoir started spilling in March and no flood control efforts were made there. Burton felt that better dialogue is needed between PacifiCorp and the reservoir companies.

The issue of the FERC licensing was then discussed by Burton. During the next two years, the study phase will begin at the downstream hydro projects. The study phase is being hampered somewhat because many of the studies which need to be done involve minimum flows and habitat analysis for fish and the water is too high. The issue of the Bear Lake pumping in March was discussed in the Operations Committee meeting. The decision was made by PacifiCorp in February to send water downstream to get ready for the anticipated runoff. They began bypassing water the last day of February downstream from the Bear River at Stewart Dam routing the water through the Rainbow Canal to Mud Lake and back down the river. The dilemma was that Mud Lake needed to be brought up to a full level to get ready for the runoff and to secure a steady level for the Bird Refuge for the nesting. The decision was made to use the pumps at Lifton to pump into Mud Lake. The pumping took about 17 days.

Jeff Fassett asked Burton if he had a sense of the overall timeline for the FERC process. Burton indicated that the process will take many years. The next few years will be the study phase, followed by a few years to put the results of the study together and come to a closure. He felt that the end of the process is about 5 years away. Fassett asked if the focus is strictly on the hydro-power operations. Burton indicated that PacifiCorp's position is that the project boundaries are from Oneida to the upper end of Soda Reservoir. There has been some discussion about extending the project boundaries, but PacifiCorp wants to keep the project boundaries as they are. PacifiCorp's operation of Bear Lake is independent of power decisions and PacifiCorp wants Bear Lake beyond the FERC study boundaries. Three licenses will be handled simultaneously. Burton interjected that following the Bear River Commission meeting, there is to be held a Bear Lake Preservation Advisory Committee meeting.

Blair Francis commented regarding the Woodruff Narrows Reservoir. For the past 6 to 8 years, the Woodruff Narrows Reservoir has had the spotlight on them and has been scrutinized. It has taken five years to understand the restrictions on what can be used. He discussed how hard it is to change set ways.

Chair Wheeler moved to agenda item X, the report from the Records Committee by Blair Francis. Francis indicated that the Records Committee discussed stream gaging and recommends that the Commission drop the Sulphur Creek gage as of October 1, 1997. Francis moved that this gage be dropped and the motion was seconded and carried. He then indicated that it was the consensus of the Records Committee that the Commission should not get involved financially

with the City of Evanston gage. At this moment in time, these records were not needed by the Commission and there was no financial advantage to Evanston City to contract through the Commission on gage operations. It was further determined that the Pescadero gage needed to be studied by the TAC. The last gage discussed was the gage at Corinne. It was determined that the financial support of this gage could be given by the U.S. Fish & Wildlife Service (F&WS). The Commission has signed a contract with the F&WS for this year. It is felt that the F&WS will enter into a contract for future years. Francis made the motion that the Commission contract with the USGS for the operation of the gage and F&WS will contract with the Commission to pay for this gage. The motion was seconded and carried.

Francis indicated that the Records Committee discussed the part-time gages. He moved that the Commission pay no more than the 5% increase to the USGS on the part-time gages. The motion was seconded and carried. Francis reported that the 9th Biennial Report will be completed by June 30. The cover will recognize the agreement between PacifiCorp and the water users. Francis further indicated that all of the Commission minutes are bound and most have been scanned by the State of Utah. The Commission staff will look into how to index and format these scanned documents and the costs involved. Senator John Holmgren, from Box Elder and Cache Counties, is working on the idea of tapping into Federal money to compile all of the data regarding water systems in Utah into one place. This would entail Utah doing it's part, with Idaho and Wyoming participating. The question is what can the Commission do to help Senator Holmgren get the money and how can the Commission get involved. Francis then indicated that there were no new assignments given to the Records Committee. Chair Wheeler asked if there was a timeline with regards to Senator Holmgren pursuing Federal money and if there should be any action by the Commission at this time. Larry Anderson indicated that no action needed to be taken by the Commission. Senator Holmgren is working with Utah State University in an effort to compile all the data and is taking the Bear River system as the first river system and putting the data in an accessible computer library. Utah State then might call upon Idaho and Wyoming to see what data they have.

Chair Wheeler then turned to agenda item XI, the report of the Technical Advisory Committee by Jack Barnett. Barnett indicated that Commissioner Francis got at the heart of what the TAC has worked on and accomplished over the last six months concerning stream gaging issues. The TAC has a standing assignment to concern itself with how the necessary data can be collected on the Bear River and still maintain some control over the dollars that are spent to collect that data. The USGS felt a need to increase their billing per gage by 11% for this current contract. The next year's contract will up 5%. The Commission has been spending upwards of \$50,000 for stream gaging. With the moves that Francis reported, the Commission will be several thousand dollars below that and the contract with the F&WS needs to be viewed as providing income to offset some stream gaging costs. The TAC will continue to look at the stream gaging issues. The TAC is intending to do additional research regarding the Pescadero gage to determine its functions and importance to the Commission. Barnett reported that time was spent with Evanston City and the City Engineer. The actions taken are in accord with the City Engineer's input to the TAC, and Evanston City is not being "walked away from", so to speak, with regards to the stream gaging cooperative effort. Barnett indicated that with respect to the Corinne gage it is anticipated that the F&WS will pick up the Commission's costs of this gage, including the DCP, for this year and future years. Barnett indicated that the Commission has signed one contract with the F&WS.

Barnett reported the status of the efforts in trying to quantify the impacts of the use of ground-water on the Bear River. This is an assignment that the TAC is working on with technical people from Utah and Idaho taking the lead. Barnett called on Norm Stauffer to give Utah's reports. Stauffer indicated that last November he reported the procedure they were using to estimate the ground water in Cache. There were still three studies under way to finalize the document. The first study was a water demand supply model at Utah State University and it has been completed and published. The second study was a state-wide water depletion study with a special interest in the Cache valley, and that study has been completed. The third study was the State Engineer's study where the USGS model of Cache Valley was changed from an annual time-step to a monthly time-step so the timing effect of pumping ground water could be seen. That study has been completed also.

Hal Anderson then reported Idaho's efforts to analyze ground-water depletion. Anderson indicated that Idaho does not have the advantage of many studies in their portion of the Lower Division. The only capability Idaho has to determine the depletion by ground-water is to look at the water right data base, which is very antiquated. Once they get the report from the water right data base, they have to go through and verify the water right records and determine their completeness. Idaho will be working for the next period of time on developing a better understanding of what is printed from the computer.

Barnett then continued with the TAC report and discussed the 20-year Compact review. The findings of the Compact Review Committee (Commissioners Wallentine, Crompton and Funk) were reported at the November 1996 Commission meeting. Copies of the public comments received are available to the public. The TAC was given the assignment to analyze the comments that were made and suggest ways that the Commission might be responsive to the public input given. Barnett reported that the TAC is working on that assignment and is preparing a written narrative that can be turned into a report for the Commission. The TAC is planning to meet during the summer to continue its review.

Chair Wheeler moved to agenda item XII, the report on the Lower Division procedures by Jeff Fassett. Fassett indicated that extensive work on the accounting models in the two states has been done. The two models are working in concert with each other. Most of the technical matters have been resolved. There will be an on-going effort to bring the data together in the delivery schedule. The water right lists are undergoing further refinement. The refinements relate more to the conversion of the information from a water right tabulation to a delivery schedule. Additional work is needed on the procedures, primarily to review what is anticipated to handle the ground-water issue. It is hoped that by the November meeting the procedures will be ready for adoption.

Chair Wheeler moved to agenda item XIII and turned the time to Jack Barnett for the Engineer-Manager report. Barnett reported that there was a question regarding whether the Commission wanted to write to the Corps of Engineers regarding some centralization of communication. He had drafted a letter and presented it at the November Commission meeting. It was held in abeyance and those interested in making comments regarding the letter were to contact Barnett by the end of the year. No comments were received and Barnett indicated he was of the opinion that the letter should be shelved. Barnett announced that a photo session was to be held directly after the Commission meeting. He thanked the State of Utah for providing

the meeting space and thanked Ron Ollis in advance for taking pictures following the meeting. Photos were to be taken of the Commission, the participants in the PacifiCorp and water user agreement, and the Bear Lake Preservation Advisory Committee. The photos are being taken for historical purposes and potentially will be used in the 9th Biennial Report or other reports.

Barnett further indicated that the Commission staff now has an Internet address, barnettwater.com. Those Commission and TAC members who have Internet access will be able to move information quickly. Barnett expressed his appreciation to Bert Page for his many years of service to the Commission in assisting with the financial matters and always being willing to help set up the microphones and physical facilities for the Commission meetings. Chair Wheeler directed Engineer-Manager Barnett to write a letter of appreciation to Bert Page on behalf of the Commission.

Chair Wheeler turned to agenda item XIV and asked for the Management Committee report by Larry Anderson. Anderson indicated that the bylaws of the Commission state that the Commission hold the annual meeting on the 3rd Monday of April and the regular meeting on the 4th Monday of November. It has become the habit of the Commission to bump those meetings to Tuesday to accommodate travel. The Management Committee has asked Jack Barnett to provide information to the Commission so that an amendment to the bylaws could be adopted.

Anderson reported that during the 20-year Compact review and the public meetings that were held, the Commission received numerous comments requesting that the Commission become more involved in water quality issues. The Management Committee has been attending various meetings and symposiums of water quality groups that are operating in the Bear River and many of those groups suggested and made comments regarding the Commission becoming involved in water quality issues. In an effort to give credence to the comments received, a conference call was held by the Management Committee, the three State Department of Water Quality leads and Jack Barnett. Information was exchanged in that conference call and a meeting was held on Monday, April 28 with the Management Committee and the Idaho and Utah DEQ leads, Wally Cory and Don Ostler respectively. Sue Lowry sat in for the Wyoming DEQ lead, Dennis Hemmer. It was concluded that the Commission would hold a workshop later in the spring or in the early summer. Invitations will be extended to those groups involved in water quality in the Basin to come and meet with the DEQ's and the Commission to explain what they had in mind and what they feel the role of the Commission should be with regards to water quality. The Commission does not want to be a hindrance to anything that is being done with regards to water quality. Jack Barnett is to find the locations for the meetings and to send out the invitations. All Commissioners are invited to the meetings.

Chair Wheeler then turned to the state reports and called on Larry Anderson for the Utah report. Anderson indicated that the State of Utah continues to study the Bear River and have prepared a draft contract on Bear River water sales. The draft contract has been sent out to the entities identified by the legislature. The Utah Board of Water Resources has allocated out 60,000 acre-foot blocks of water each to the following entities: Cache Valley, Bear River Water Conservancy District, Weber Basin Water Conservancy District, and the Salt Lake County Water Conservancy District. The contract identifies the Bear River water development and costs and procedures that would be used in developing that block of water. One meeting has been held

with the entities. The legislature requires that 75% of the water be marketed before the construction of any state water project. The time frame for water needs in the Salt Lake County area and the Weber Basin area is about the year 2015. The time frame for Cache and Box Elder Counties is about the year 2015 or later. The water development permitting process is quite slow.

Anderson pointed out that to show the interest that does exist, the Salt Lake County Water Conservancy District and the Weber Basin Water Conservancy District are in the process of purchasing land for a large water treatment plant in Weber County to treat waters from the Bear River. They are in the processing of identifying a right-of-way to deliver the water from that treatment plant to Salt Lake County. The State of Utah is looking at a diversion on the Bear River to move water from the Bear River into Willard Bay. The water will be pumped out of Willard Bay into a canal and to the treatment plant. The cost of the treatment plant is estimated to be between \$300 million and \$350 million. The cost of getting the water from the Bear River to Willard Bay is probably less than \$40 million.

Jeff Fassett asked if the Honeyville Dam was a part of the scheme. Anderson indicated that the Honeyville Dam is still the most cost-effective site. However, it is felt that between 50,000 and 100,000 af of water can be diverted to Willard Bay without the Honeyville Dam site. When more water is needed, it would require the building of a reservoir somewhere. It is a step process and the first step is the diversion. Anderson then indicated that two resolutions of appreciation had been prepared, one for Calvin Funk and the other for Lee Summers. Blair Francis read the Funk resolution and Charles Holmgren read the Summers resolution. The resolutions were moved, seconded and carried. A copy of those resolutions are attached as Appendix F.

Chair Wheeler then called on Jeff Fassett to give the Wyoming state report. Fassett indicated that the Commission had honored Reed Dayton at the meeting held in November. The State of Wyoming will be honoring Reed at a reception in Cokeville on May 21, 1997. Commission members were invited to attend that reception.

Chair Wheeler called for the Idaho report by Karl Dreher. Dreher asked Anderson if there was a water availability study published that Idaho could look at. Anderson indicated that Utah had done a number of studies on the available water supply in the Lower Basin. He felt that perhaps there was a 1991 study he could locate and send. Idaho is struggling with permitting for ground water wells for subdivisions and a small municipal growth. Every time someone applies for a permit to appropriate water it is protested by both the Bear River Water Users Association and PacifiCorp. The protests have been over the licensing. The protests have had the effect of discouraging the applicant from going forward because most of them aren't so desperate for water yet that they are willing to go through the expense of a formal hearing. To deal with this, preliminary discussions have been held with the power company and attorneys representing the Bear River Water Users Association. Both of those groups are preparing a petition to be filed with the Department of Water Resources for a moratorium on ground water development on the tributaries to the Bear River. Assuming that the completed petition is filed, Idaho will hold hearings this summer. Dreher felt that it was reasonable to anticipate that the municipalities in Idaho would object to a moratorium. They could be faced with some sort of a ground water management area, which means that there has to be some sort of ground water

management plan. The Department of Water Resources may actually propose a skeletal type ground water management plan as part of the hearing process. From the Department's perspective, Dreher believes that additional ground water development is possible.

Dreher reported that there has been considerable controversy in Idaho about what the new control structure between Mud Lake and Bear Lake does and doesn't do to the water quality of Bear Lake. PacifiCorp is bringing in a design engineer to talk with the interested parties and to help shed some light on the problem. There is some concern that the operation of the control structure does somehow increase the sediment loading of Bear Lake. As part of a trip to Portland for other purposes, Dreher met with the design engineer for PacifiCorp and other individuals. He found that they were willing to fund some on-going sediment loading sampling both upstream of the control structure and in the outflow to confirm that there is not being contributed any additional sediment loading to Bear Lake.

Dreher indicated that Idaho was anticipating someone from Senator Craig's office attending the Commission meeting. No one from the Senator's office was present. Dreher reported that they are getting conflicting reports on what Senator Craig has and has not said regarding helping to acquire additional funding for addressing some of the problems in the Bear River Basin, including the water quality issue. Idaho is hoping to get this conflict resolved so that they can move forward with perhaps getting funding.

Chair Wheeler moved to agenda item XVI, other items from the Commission. There were no other items. Wheeler reminded the Commissioners to meet after as committees to elect a chair for each committee and to stay for the photo session. Barnett interjected that the states had not publicly designated their committee assignments. Dreher indicated that Idaho did not have any change with their committee assignments. Fassett indicated that Jim Crompton will serve on the Operations Committee and John Teichert will serve on the Records Committee. Anderson indicated that Charles Holmgren will serve on the Records Committee and Blair Francis will serve on the Operations Committee.

Jack Barnett then gave directions for the photo session. Chair Wheeler turned to agenda item XVII, the next Commission meeting. It was moved that the next Commission meeting will be held on Tuesday, November 18, 1997 in Salt Lake City. The motion was seconded and carried. The Commission meeting was adjourned at 3:15 p.m.

ATTENDANCE ROSTER

BEAR RIVER COMMISSION ANNUAL MEETING Utah Department of Natural Resources Building Salt Lake City, Utah

April 29, 1997

IDAHO COMMISSIONERS

Karl J. Dreher Don W. Gilbert Rodney Wallentine

WYOMING COMMISSIONERS

Gordon W. Fassett James L. Crompton John Teichert

FEDERAL CHAIR

Denice Wheeler

OTHERS IN ATTENDANCE

IDAHO

Hal Anderson, Division of Water Resources Mark Lowe, Division of Environmental Quality

<u>UTAH</u>

Robert M. Fotheringham, Division of Water Rights Norman Stauffer, Division of Water Resources Bert Page, Division of Water Resources Bob Morgan, Division of Water Rights Bryce Nielson, Division of Wildlife Resources Jeff Richards, Attorney General's Office Randy Staker, Division of Water Resources Jim Christensen, Division of Water Quality

WYOMING

Sue Lowry, State Engineer's Office Kevin Wilde, State Engineer's Office Jade Henderson, State Engineer's Office

<u>OTHERS</u>

Lee Baxter, Bureau of Reclamation Gary Burgener, Bear Lake Watch Carly Burton, PacifiCorp (Utah Power)

UTAH COMMISSIONERS

D. Larry Anderson Blair R. Francis Charles Holmgren Joseph Larsen (Alternate)

ENGINEER-MANAGER & STAFF

Jack A. Barnett Don A. Barnett Nola Peterson

APPENDIX A PAGE TWO

Others (cont.) Marcus Gibbs, Last Chance Canal Co. Allen Harrison, Bear Lake Regional Commission Randy Julander, Snow Survey Jim Kimbal, Bear Lake Preservation Advisory Committee Jim Kolva, U.S. Geological Survey Eulalie Langford, Love Bear Lake, Inc. Frank Nishiguchi, Bear River Water Conservancy District Brent Rose, Bear River Water Users Association Dick Strong, Bear Lake Watch David Styer, Bear River Canal Co. Lee Summers, Bear River Water Users Association Randy Weiner, Public Interest Jerry Wilde, Bear River Canal Co. Jody Williams, PacifiCorp (Utah Power) Richard Winters, Friends of Bear Lake & Bear Lake Regional Commission

AGENDA

Bear River Commission Annual Meeting April 29, 1997

Utah Department of Natural Resources Auditorium 1594 West North Temple Salt Lake City, Utah

COMMISSION AND ASSOCIATED MEETINGS

April 28

11:00 a.m.	Technical	Advisory	Committee	Meeting,	Room 2	314
		•		•		

<u>April 29</u>

8:30 a.m.	Operations Committee Meeting, Room 314	Crompton
9:30 a.m.	Records Committee Meeting, Room 314	Francis
10:30 a.m.	Informal Meeting of Commission, Room 314	Barnett
10:45 a.m.	State Caucuses and Lunch	Dreher/Fassett/Anderson
1:00 p.m.	Commission Meeting, Auditorium	Wheeler
4:00 p.m.	Potential adjournment time followed by photo sess then the Bear Lake Preservation Advisory Commi	

ANNUAL COMMISSION MEETING

April 29, 1997

Convene Meeting: 1:00 p.m., Chair Denice Wheeler

I.	Call to order	Wheeler
	A. Welcome of guests and overview of meeting	
	B. Approval of agenda	
II.	Approval of minutes of last Commission Meeting	Wheeler
	(November 19, 1996)	
III.	Election of officers	Wheeler
	A. Vice Chairman	
	B. Secretary/Treasurer	
IV.	Report of Secretary/Treasurer	Anderson

APPENDIX B PAGE TWO

III.V.	Snow survey report	Randy Julander, NRCS
VI.	Report on water quality efforts	Barnett
VII.	Activities of Bear Lake Preservation Advisory Committee	Carly Burton, UP&L
VIII.	Update on activities and organization of Bear Lake Regional Commission	Dee Johnson, Chair, BLRC
IX.	 Report of the Operations Committee A. 1997 Water deliveries and water supply B. Bear Lake storage deliveries - allocations to users C. Bear Lake levels and water supply outlook 	Crompton
X.	Report of the Records CommitteeA.Biennial reportB.Stream gaging records	Francis
XI.	Report of TACA.Stream gaging program1.Gages dropped2.Evanston City3.USF&WS and Corrine gage4.Recommendations and future effort	Barnett
	B. Report on ground water impactsC. 20-year Compact ReviewD. Other	H. Anderson/Stauffer
XII.	 Report on the Lower Division Procedures A. Current status B. Water right list C. Treatment of ground water D. Action item 	Fassett
XIII.	 Engineer-Manager Report A. Draft letter to Corps of Engineers B. Photo session C. Internet D. Other items 	Barnett
XIV.	Items from the Management Committee	Anderson
XV.	State Reports A. Utah B. Wyoming C. Idaho	Anderson Fassett Dreher
XVI.	Other Items	
XVII.	Next Commission Meeting November, 1997 (Regular Meeting, fourth Monday of November,	

as set forth in Bylaws, is November 24, 1997, perhaps Tuesday, November 18 would be preferred)

Anticipated adjournment: 4:00 p.m.

* Immediately following the Commission meeting, there will be a meeting of the Bear Lake Preservation Advisory Committee

STATEMENT OF INCOME AND EXPENDITURES

FOR THE PERIOD OF JULY 1, 1995 TO JUNE 30, 1996

INCOME	CASH ON HAND	OTHER INCOME	FROM STATES	TOTAL REVENUE
Cash Balance 07-1-95 State of Idaho State of Utah State of Wyoming City of Evanston Interest on Savings	\$75,335.53	\$1,800.00 \$4,153.12	\$30,000.00 30,000.00 30,000.00	\$75,335.53 30,000.00 30,000.00 30,000.00 1,800.00 4,153.12
TOTAL INCOME TO June 30, 1996	\$75,335.53	\$5,953.12	\$90,000.00	\$171,288.65

DEDUCT OPERATING EXPENSES

EXPENDED THROUGH U. S. G. S.

	APPROVED BUDGET	UNEXPENDED BALANCE	EXPENDITURES TO DATE
Stream Gaging	\$46,320.00	0.00	\$46,320.00
SUBTOTAL	\$46,320.00	0.00	\$46,320.00
EXPENDED THROUGH COMMISSION			
Personal Services Jack Travel (Eng-Mgr) Office Expenses Printing Biennial Report Treasurer Bond & Audit Printing	\$34,280.00 900.00 1,100.00 1,600.00 1,100.00 1,100.00	(\$83.98) (142.15) 69.20 90.37 (42.00) (253.23)	1,042.15 1,030.80 1,509.63
SUBTOTAL	\$40,080.00	(\$361.79)	\$40,441.79
TOTAL	\$86,400.00	(\$361.79)	\$86,761.79
CASH BALANCE AS OF 06-30-96			\$84,526.86

DETAILS OF EXPENDITURES

FOR PERIOD ENDING JUNE 30, 1996

401	JACK BARNETT	\$5,713.34
402	PETERSON'S PORTRAIT STUDIO	44.52
403	JACK BARNETT	2,934.12
404	ALPHAGRAPHICS	99.53
405	JACK BARNETT	3,246.53
406	JACK BARNETT	2,943.09
407	USGS	46,320.00
408	JACK BARNETT	2,989.52
409	ALPHAGRAPHIC	1,512.87
410	JACK BARNETT	3,465.21
411	DALTON, GILCHRIST, HARDEN	1,042.00
412	JACK BARNETT	2,892.84
413	FIRST SECURITY INSURANCE	100.00
414	JACK BARNETT	2,963.13
415	JACK BARNETT	3,560.43
416	JACK BARNETT	3,156.67
417	JACK BARNETT	3,438.08
SC	Service Charge of \$1.00/month	2.00
418	JACK BARNETT	237.04
419	JACK BARNETT	100.87
	TOTAL EXPENSE	\$86,761.79

BANK RECONCILIATION

Cash in Bank per Statement 06-30-96	\$2,388.91
Plus: Intransit Deposits	0.00
Less: Outstanding Checks	29,337.91
Total Cash in Bank	(\$26,949.00)
Plus: Savings Account-Utah State Treasurer	111,475.86
TOTAL CASH IN SAVINGS AND IN CHECKING ACCOUNT	\$84,526.86

STATEMENT OF INCOME AND EXPENDITURES

FOR THE PERIOD OF JULY 1, 1996 TO MAY 1, 1997

INCOME	CASH ON HAND	OTHER INCOME	FROM STATES	TOTAL REVENUE
Cash Balance 07-1-96 State of Idaho State of Utah State of Wyoming City of Evanston Interest on Savings	\$84,526.86	\$2,000.00 \$5,784.79	\$30,000.00 30,000.00 30,000.00	\$84,526.86 30,000.00 30,000.00 30,000.00 2,000.00 5,784.79
TOTAL INCOME TO MAY 1, 1997	\$84,526.86	\$7,784.79	\$90,000.00	\$182,311.65

DEDUCT OPERATING EXPENSES

EXPENDED THROUGH U. S. G. S.

BUDGET	UNEXPENDED BALANCE	EXPENDITURES TO DATE
\$45,400.00	\$0.00	\$45,400.00
\$45,400.00	\$0.00	\$45,400.00
\$35,650.00 1,100.00 1,100.00 1,600.00 1,200.00 1,300.00 \$41,950.00	\$2,261.71 565.70 227.69 1,600.00 10.00 (241.71) \$4,423.39	534.30 872.31 0.00 1,190.00 1,541.71
\$87,350.00	\$4,423.39	\$82,926.61 \$99,385.04
< L	\$45,400.00 \$45,400.00 \$35,650.00 1,100.00 1,100.00 1,600.00 1,200.00 1,300.00 \$41,950.00	BUDGET BALANCE \$45,400.00 \$0.00 \$45,400.00 \$0.00 \$35,650.00 \$2,261.71 1,100.00 565.70 1,100.00 227.69 1,600.00 1,600.00 1,300.00 (241.71) \$41,950.00 \$4,423.39

DETAILS OF EXPENDITURES

FOR PERIOD ENDING MAY 1, 1997

420	KEMMERER GA2	ምጥምም	\$12.25
421	IDAHO STATE		18.38
422	VOID		0.00
423		PUBLISHING CO	23.52
424	JACK BARNETT		5,941.66
425	STAR VALLEY		
425	JACK BARNETT		20.00
420	BOX ELDER NE		25.15
427			18.60
	UINTA COUNTY		38.90
429 430	IDAHO ENTERE		25.80
	CARIBOU COUN		54.00
431	JACK BARNETI		3,934.67
SC	MONTHLY BANK		9.00
432	STATE TREASU		29,000.00
433	JACK BARNETI		3,298.75
434	JACK BARNETI	ר	3,170.00
435	JACK BARNETI	ר -	6,943.43
436	GILCHRIST, E	CTC AUDITORS	1,090.00
437	JACK BARNETI	n	3,349.01
438	VOID		0.00
439	USGS		45,400.00
440	JACK BARNETI	n	3,370.10
441	JACK BARNETI	ר -	3,088.56
442	JACK BARNETI	ר	2,970.83
443	FIRST SECURI	TY BANK	100.00
SC	BANKCHARGE		24.00
		TOTAL OUTLAY	\$111,936.61
		LESS: INVESTED	(29,000.00)
		NET EXPENSES	\$82,926.61

BANK RECONCILIATION

Cash in Bank per Statement 04-01-97 Plus: Intransit Deposits Less: Outstanding Checks	(\$804.78) 0.00 3,070.83
Total Cash in Bank	(\$3,875.61)
Plus: Savings Account-Utah State Treasurer	103,260.65
TOTAL CASH IN SAVINGS AND IN CHECKING ACCOUNT	\$99,385.04

FY 99, AND FY 2000 BUDGET FY 98, & PROPOSED EXPENDITURE FORECAST THRU FY 97

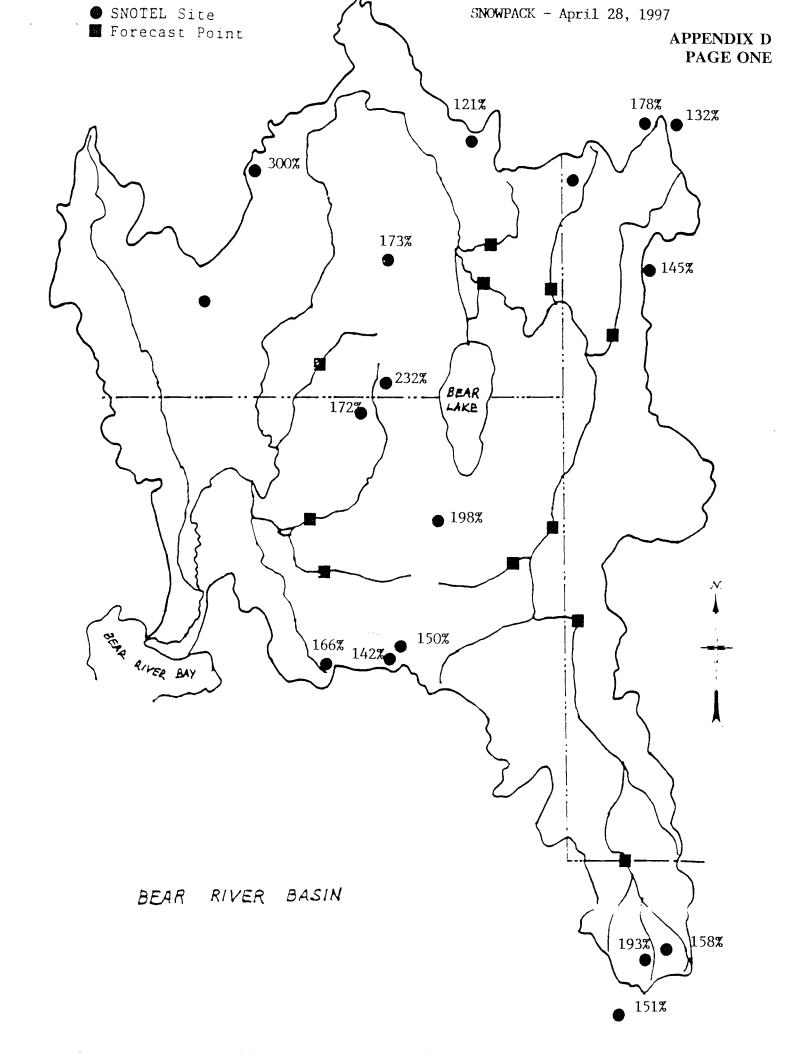
	DESCRIPTION	FY 97	FY 98	FY 99	FY 2000
		EST'D JUNE 30 Modified	PROPOSED BUDGET	PROPOSED BUDGET	PROPOSED RIMGET
	INCOME		4]]]		4 3 3 3 3
	BEGINNING BALANCE	84,526.86	90,436.86	97,816.86	103,736.86
	IDAHO	30,000.00	30,000.00	30,000.00	30,000.00
	UTAH	30,000.00	30,000.00	30,000.00	30,000.00
	DNIMOAM	30,000.00	30,000.00	30,000.00	30,000.00
	EVANSTON CITY	2,000.00	0.00	0.00	0.00
	U S F&W	0.00	4,000.00	5,300.00	5,600.00
	INTEREST ON SAVINGS	7,000.00	7,200.00	7,400.00	7,600.00
	TOTAL INCOME	183,526.86	191,636.86	200,516.86	206,936.86
	EXPENDITURES				
ന്	STREAM GAGING-U.S.G.S.	45,400.00	46,900.00	46,700.00	49,050.00
Д	PERSONAL SERVICES CONTRACT-BARN	35,650.00	36,720.00	37,830.00	38,960.00
	TRAVEL	700.00	1,000.00	1,100.00	1,300.00
	OFFICE EXPENSES	1,100.00	l,200.00	1,300.00	1,400.00
	PRINTING BIENNIAL REPORT	2,100.00	500.00	2,200.00	600.00
	TREASURER'S BOND & AUDIT	1,190.00	1,200.00	l,250.00	1,300.00
	PRINTING	1,950.00	1,300.00	1,400.00	1,500.00
	CONTINGENCY	5,000.00	5,000.00	5,000.00	6,000.00
	- Total expenditures	93,090.00	93,820.00	96,780.00	100,110.00
	1				
	UNEXPENDED CASH BALANCE	90,436.86	97,816.86	103,736.86	106,826.86

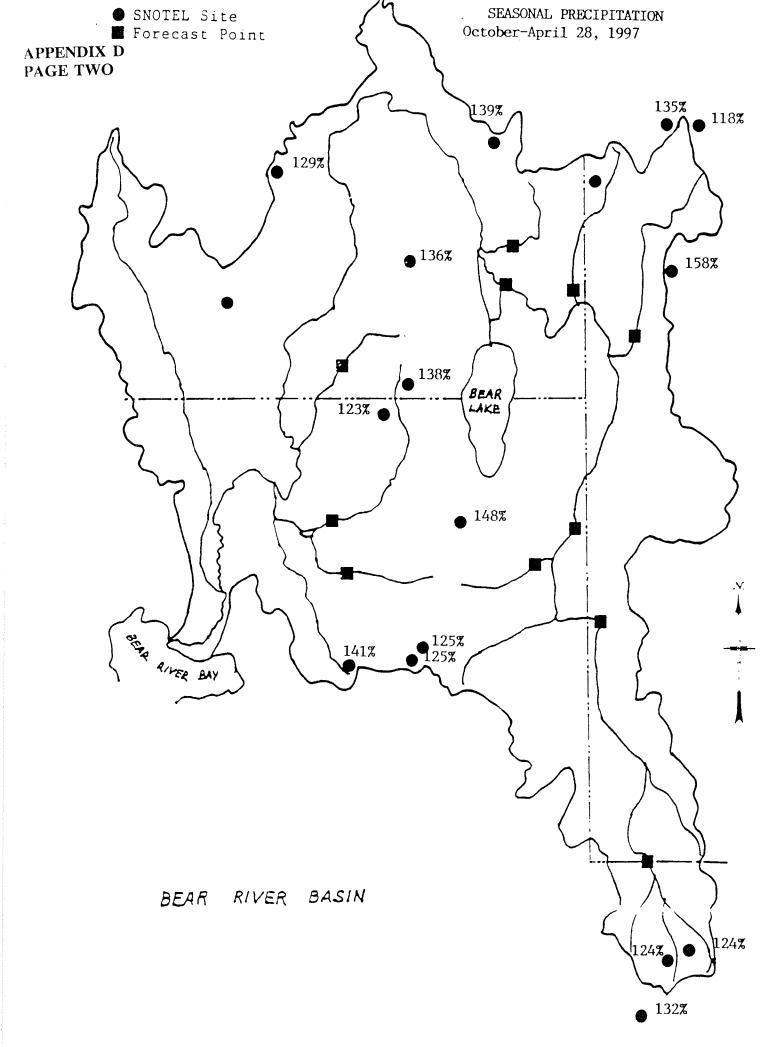
APPENDIX C PAGE FIVE

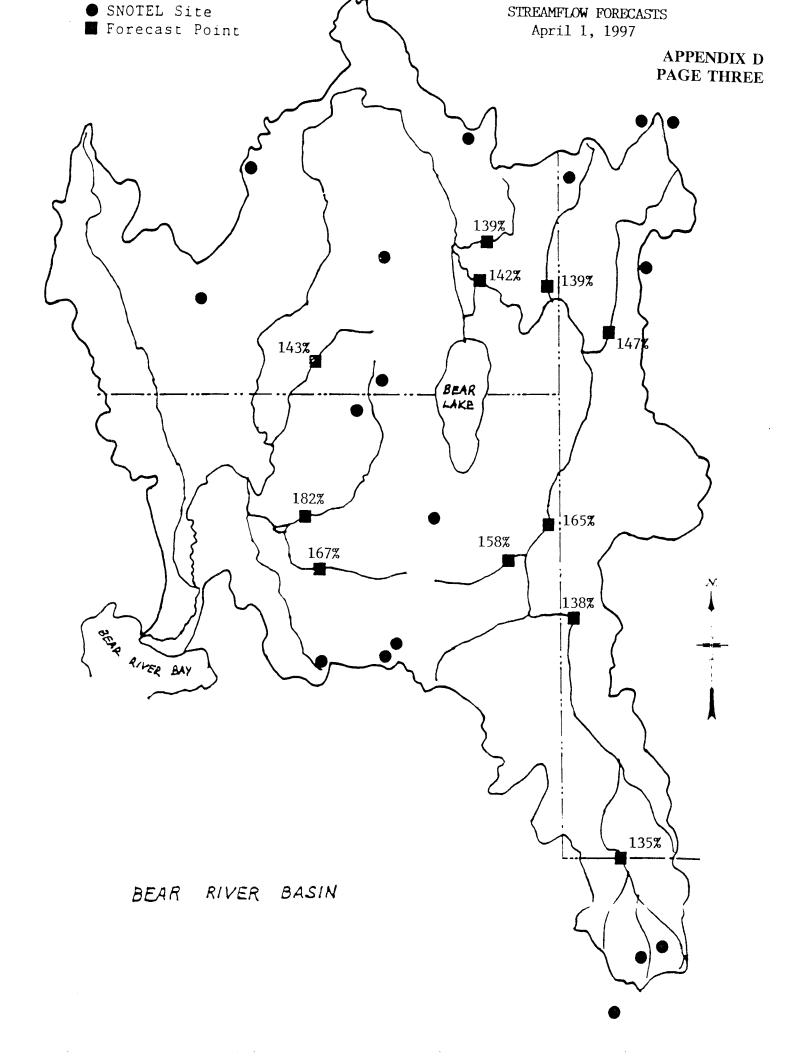
00 NEEDS TO BE

- a. FOR CONTRACT PURPOSES, THE FY99 USGS STREAM GAGE BUDGET FOR \$46700 NEEDS TO APPROVED, SO THE CONTRACT CAN BE SIGNED IN MAY 1997. THE CONTRACT RUNS FROM OCTOBER 1, 1997 TO SEPTEMBER 30. 1998. NOTE .
- රා රා THE PERSONAL SERVICE CONTRACT FOR BARNETT HAS BEEN INCREASED BY 3% IN FY 99 & FY 00. AND FOR BUDGET PROJECTIONS, AN ADDITIONAL 3% IN FY . م

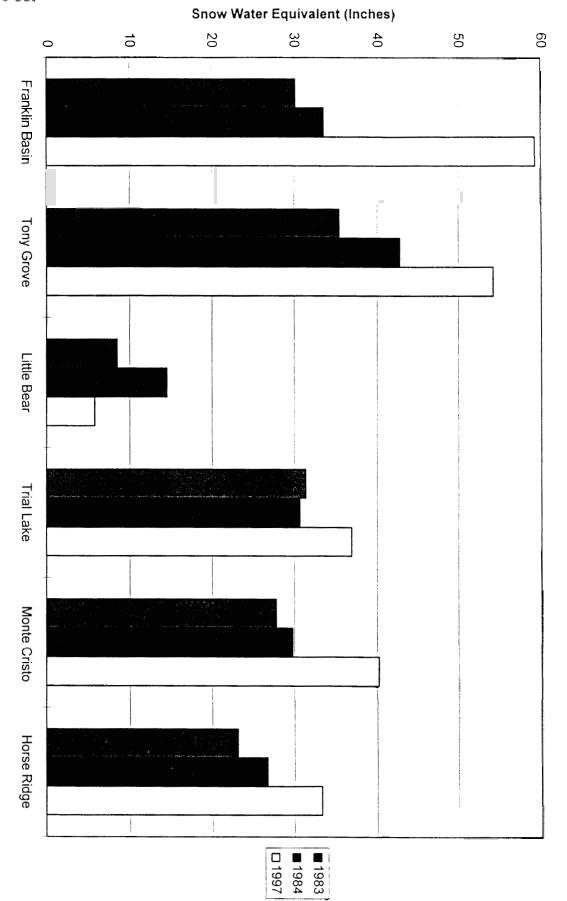
APPENDIX C PAGE SIX







APPENDIX D PAGE FOUR



Snowpack Comparison April 28 - 1983, 1984, 1997

http://utdmp.ut.nrcs.usda.gov/

APPENDIX D PAGE FIVE

 Water Supply Outlook Report Water Supply Outlook Report: Snow Course Data for the State of Utah: 	• <u>Utah</u> (provisional): • <u>Other Western</u> <u>States:</u>	PAGH Daily Graphs • SnoTel:
Surface Water Supply Index Swsi): 	Delta Reports 1 Day: 2 Day: 3 Day: 4 Day:	Reservoir Tables and Graphs Reservoir Tables and Graphs:
Historical Data Snotel: Snowcourse: Averages: 	Current Provisional SnoTel DATA • Snow: • Precipitation: • AVG. Temperature:	Recreation Report Recreation Report: Avalanche Forecast Center:
State and Basin Graphs Snowpack: Precipitation: Site Map: 	Westwide Products • <u>Water and</u> <u>Climate Center:</u>	NRCS Products National Home Page: Utah NRCS Home Page:
Snow Survey Staff and Photo Gallery • <u>Staff:</u> • <u>Photo Gallery:</u>	Site Biographical Information • <u>Utah:</u>	About snow Surveys • SnoTel: • CFS: • Introduction:

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SUMMARY OF BEAR LAKE/BEAR RIVER OPERATION WINTER & SPRING 1997

BEAR LAKE

HIGH ELEVATION 1996	5916.66	
LOW ELEVATION 1996	5915.22	
CURRENT ELEVATION APRIL 28, 1997	5917.80	
CURRENT STORAGE VOLUME (ACTIVE)	1,012,000	AF
REMAINING STORAGE SPACE	402,000	AF
APRIL 1 FORECAST (NRCS)		AF (142%)
APRIL 1 PACIFICORP BEAR LAKE MODEL	523,000	AF (181%)

BEAR RIVER (WATER YEAR 1997)

RAINBOW INLET CANAL	147,000	AF
OUTLET CANAL (FEB. 28)	46,000	AF
BELOW CUTLER	764,000	AF

CURRENT ISSUES

- 1. FLOOD CONTROL OPERATION
- 2. WOODRUFF NARROWS RESERVOIR OPERATION
- 3. FERC RELICENSING EFFORTS
- 4. BEAR LAKE PUMPING IN MARCH

BROPWINT.DOC

Resolution of Appreciation from THE BEAR RIVER COMMISSION Honoring

CALVIN W. FUNK

WHEREAS, Calvin W. Funk served as Lower Division Commissioner on the Bear River Commission from 1987 to March 1, 1997; and

WHEREAS, Calvin was appointed to the commission on March 1, 1989 after serving the unexpired term of Paul Holmgren and ably serving as alternate commissioner since 1967, and was appointed to the commission's Operations Committee and served as its chairman; and

WHEREAS, he is a third generation farmer of 400 acres in Richmond, Utah, who takes quiet pride in pioneering overhead sprinkle irrigation of corn in Cache Valley and serving on the first committee that mapped groundwater in Cache Valley in 1955; and

WHEREAS, Calvin's long association with the Black and White Committee for Holstein development, judging and other community activities and extended involvement in the Richmond Irrigation Company have been satisfying; and

WHEREAS, his efforts as a bishop, high councilman and counselor in a stake presidency of The Church of Jesus Christ of Latter-day Saints have earned him respect and gratitude from church members in Richmond, and he and his wife, Carol, have been called to missionary service for the church; now

THEREFORE BE IT RESOLVED, that the members of the Bear River Commission and its staff express sincere appreciation to Calvin W. Funk for his outstanding and praiseworthy service to the successful cooperative management of water resources in the Bear River basins of Utah, Idaho and Wyoming.

Resolution passed by the Bear River Commission on April 29, 1997.

Denice Wheeler, Federal Chairperson Bear River Commission

Resolution of Appreciation from THE BEAR RIVER COMMISSION Honoring

LEE T. SUMMERS

WHEREAS, Lee T. Summers served as Lower Division Alternate Commissioner on the Bear River Commission from August 5, 1994, to March 1, 1997; and

WHEREAS, Lee is a third generation farmer in Bothwell, Utah, living in one home his entire life and raising wheat, barley, corn, alfalfa, sod and cows on 1,700 acres of irrigated and dry land, 600 acres of mountain land, and 250 CRP acres; and

WHEREAS, he was a board member of the Bear River Canal Company from its inception in 1980 to 1995 and its president in 1994-1995, and was appointed a board member of the Bear River Water Users Association in 1995; and

WHEREAS, Lee's outstanding service to the Bear River Commission has contributed greatly to the successful cooperative management of water resources in the Bear River basins of Utah, Idaho and Wyoming in compliance with the Bear River compacts; now

THEREFORE BE IT RESOLVED, that members of the Bear River Commission and its staff express deep appreciation to Lee T. Summers for his exemplary service to water and land issues in the Bear River Basin.

Resolution passed by the Bear River Commission on April 29, 1997.

Denice Wheeler, Federal Chairperson Bear River Commission