



BEAR RIVER COMMISSION

106 West 500 South, Suite 101
Bountiful, UT 84010-6232
(801) 524-6320

MINUTES

BEAR RIVER COMMISSION ANNUAL MEETING

Maddox Ranch House
Perry, Utah
June 14, 1994

COMMISSION MEMBERS

Chair

Denice Wheeler

Idaho Members

R. Keith Higginson
Rodney Wallentine
Floyd J. Jensen

Utah Members

D. Larry Anderson
Blair Francis
Calvin Funk

Wyoming Members

Gordon W. Fassett
J. W. Myers
S. Reed Dayton

ENGINEER-MANAGER

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

The annual meeting of the Bear River Commission was called to order by Chairman Charles Heringer at 4:20 p.m. on June 14, 1994, at Maddox Ranch House in Perry, Utah. Chairman Heringer welcomed everyone to the Commission meeting and expressed his enjoyment at having participated in a tour of the Bear River Bird Refuge and other sites along the Bear River. Heringer asked if there were any changes to the proposed agenda. The agenda for the Commission meeting was approved without change and is attached as Appendix A.

Chairman Heringer asked those in the audience to introduce themselves. A copy of the attendance roster is attached as Appendix B.

The Commission then considered the proposed minutes from the Commission meeting held on November 23, 1993. The minutes were approved without change.

Chairman Heringer then led the Commission in the election of officers. Cal Funk was elected as the new Vice Chairman of the Commission. With respect to the Secretary-Treasurer position, the Commission voted to have Larry Anderson to continue serve as the Secretary-Treasurer.

Vice Chairman Myers asked Larry Anderson to present the Secretary-Treasurer's report. Anderson asked Bert Page to report on the income and expenditures of the Bear River Commission for the last fiscal year, as well as on expenditures to date in the current fiscal year. Page distributed a Statement of Income and Expenditures for the period July 1, 1993, to June 1, 1994 (see Appendix C). Page indicated that the cash balance as of July 31, 1993, was \$55,420.49. Interest and other income received during the fiscal year totalled \$4,823.84. Each state had paid contributions of \$30,000, bringing total revenue to over \$150,000. The Commission had paid \$40,850 to the U.S. Geological Survey (USGS) for stream gaging. Other expenditures amounted to \$34,715.92, bringing total expenditures to \$75,565.92. Therefore, the cash balance as of June 1 was \$74,678.41. The budget report was approved as presented.

Larry Anderson discussed the expenditure forecast through FY 94 and proposed budgets for FY 95 and FY 96 (see Appendix D). Anderson indicated that he had estimated that through the end of FY 94, the Commission would spend about \$80,000. He had also projected income for FY 95, 96, and 97 assuming state assessments would continue to be \$30,000 each year. He pointed out that a new line item had been added under the "Income" category for "Evanston City," as the City has agreed to pay half of the stream gaging costs at Sulphur Creek, and he believed the City would continue to do so in future years. Anderson projected stream gaging costs might increase at a rate of about 5 percent a year. Further, he calculated potential interest to be earned in FY 95, 96, and 97. He briefly reviewed projected expenditures during FY 95, 96, 97, advising the Commission that the FY 95 budget included a 4 percent increase in the professional services contract with Engineer-Manager Barnett. Anderson indicated that he believed the cash balance would increase during that time period as the Commission would be taking in more money than it is spending. He moved that state assessments be set at \$30,000 per year for FY 95 and 96. He further moved that the Commission approve the proposed FY 95 budget as shown in the second column. The motion passed unanimously.

Chairman Heringer asked Richard Hixson of Utah Power to report on Bear Lake levels. Hixson referred to two handouts he had distributed. The first related to Bear River operation and is attached to these minutes as Appendix E. Hixson indicated Bear Lake reach a low elevation of 5910.25 on September 26. Bear Lake reached the compact elevation of 5911.0 on March 20, 1994. The high elevation was reached on May 13 of 5911.62. The feet of change between the low and the high was 1.37 feet; whereas in the previous water year, there were 5.60 feet of change. As of June 12, the elevation of Bear Lake was 5911.08.

Utah Power commenced releases at Bear Lake on May 11 and started to pump on May 23. The current release through the Outlet Canal from Bear Lake is 1,050 cfs. The April 1 Soil Conservation Service runoff forecast for the April to July period was at 59 percent of normal, or 175,000 acre-feet. Actual runoff to date, however, has only been 24,000 acre-feet. Hixson projected they might see another 2,000 acre-feet of runoff, which would represent about 12 percent of average. Hixson further reported that Utah Power's project to repair the Mud Lake diversion structure that had breached was completed on May 1.

Hixson's second handout (Appendix F) documents Utah Power's efforts to date to create a new rating table for Mud Lake storage. A low elevation of 5,914.0 was reached on February 15, 1994. As of April 14, Mud Lake elevation was at 5921.50. Full is 5923.65, but they had stopped filling at 5921.50 as per Fish and Wildlife Service's request. Hixson indicated that the inflows from the Rainbow Canal through the period shown totalled 30,061 acre-feet. The tributary inflow from four creeks and streams was 5,695 acre-feet, for a total of 35,756 acre-feet. With respect to Mud Lake outflow, there was 1,102 acre-feet of leakage through the Outlet, and 718 acre-feet through the causeway structure leakage.

Hixson indicated that the net Mud Lake storage of 33,936 acre-feet at 5921.50 elevation is greater than they had previously thought. Utah Power intends to have a rating table in place by July.

Keith Higginson asked whether Utah Power accounted for any evaporation changes in their numbers. Hixson indicated they did not account for any evaporation. Higginson further inquired as to how Utah Power determined the causeway structure leakage. Hixson indicated Utah Power has staff gages at both ends of Mud Lake, a gage at the causeway leakage area, and a gage in the lake itself (which was destroyed last year by ice).

Barnett indicated he understood that Utah Power may fill Mud Lake higher at Fish and Wildlife's request when there is available inflow. If the lake filled fast enough to get meaningful data, then Utah Power would be able to complete the rating table. Hixson concurred and indicated he felt they had enough data to be able to construct the rating table through daily flow information.

Barnett reminded Commission members that there is an existing area capacity curve which was adopted by the Commission. The adopted table does not include as lower elevations for the reservoir, but rather only the top part of Mud Lake. The Technical Advisory Committee (TAC) conceptualized that if there was good correlation between the rise in stage in the existing rating table and the newly created table, then it may be feasible to project the data for the last two feet of the approved table onto the table being created, at least on an interim basis.

Chairman Heringer asked Floyd Jensen to give the Records Committee report. Jensen indicated the Records Committee had considered to agenda items. The first was to receive the draft 1993 water year chapter for the Eighth Biennial Report from Jack and Don Barnett. Jensen indicated the Records Committee felt the chapter was put together well and had, therefore, approved the chapter. Secondly, Jensen reported that minutes for all of the previous Commission meetings had been located, and the Records Committee had authorized Jack and Don Barnett and the TAC to proceed with the necessary efforts to combine, copy, and preserve those documents.

Cal Funk then gave the Operations Committee report. Funk reported that Rod Wallentine was elected as chair of the Operations Committee. Funk also indicated that at the Operations Committee meeting, Barnett reported on distribution in the Bear River. The river is under

regulation in the Upper Division. Funk indicated the operation of the automated Woodruff Narrows Reservoir inflow gage had proved helpful in regulating river flows. He further reported that the Operations Committee had discussed Hixson's efforts to create a new rating table, and that the TAC would be addressing how the new table would impact figuring Mud Lake into Bear Lake levels.

Barnett reported on the activities of the TAC. He indicated that the TAC had met twice since the last Commission meeting, with one meeting occurring the day prior to the Commission meeting. Barnett reported that the TAC would continue to keep abreast of and analyze information from Utah Power with respect to the area capacity curve and report its findings back to the Commission.

Barnett commented on the fact that stream gaging continues to be an important part of the Commission's budget. The TAC was trying to stay close to make sure they understand the needs and the data which is being collected. The TAC had discussed a couple of gages, the first being the gage below Stewart Dam. Barnett indicated that the operation of the Stewart Dam when the Compact was being negotiate was different than it is today. Today there are only flows in the river at the gage directly below Stewart Dam at times of high flow when water is being discharged for flood purposes, or significant flows only occur under unusual circumstances. Currently, there is only 6 to 9 cfs of flow in the river. The Idaho watermaster, as well as Utah Power, visit that station on a very regular basis. The practice has been to have the USGS verify the records collected by Utah Power and the Idaho watermaster, and then for the Commission to pay the USGS to publish those records. The TAC felt that with an understanding that the Commission could reverse its decision as soon as there were meaningful flow, it would save the Commission money if it were to only publish the flow reported by the Idaho watermaster and no longer forward those records to the USGS for review and publication. The Commission passed a motion to this effect.

Barnett reported that the second gage the TAC had addressed is the Pixley gage. He indicated that Lisa Johnson had recently visited the gage and she concurred with the USGS's report that the gage is about ready to fall into the river. USGS personnel had contacted Barnett indicating that the gage needs to be moved back. USGS personnel are ready to do the work, but they requested the Commission's assistance in securing and paying for a backhoe. Barnett indicated he had discussed the matter with the Management Committee, and they felt the Commission should proceed to assist with the construction of the new gage. However, they took the firm position that operation and maintenance of the gage is a part of what the Commission is paying for in its stream gaging contract with the USGS. Therefore, they felt that if the Commission were to pay directly for securing a backhoe, the USGS should deduct that payment from future stream gaging costs.

Lee Case indicated that the USGS agreed that normal operation and maintenance was part of its responsibility. However, when they have an extraordinary circumstance, they hoped to reach a mutual agreement with respect to how to handle the situation. He expressed the USGS's feeling that a gage falling in the river was beyond the scope "normal maintenance and operation." The USGS was attempting to repair the gage at the least expense, and thus they were suggesting the

backhoe as an economical solution. Jim Kolva concurred with Case's assessment of the situation. He indicated that there was a very real danger that should the river experience high flows, the gage would be washed into the river.

Barnett indicated that he had spoken with Ron Hoffman, the Utah watermaster in an adjoining community, who estimates a backhoe may cost about \$100 an hour and it may be needed for four to five hours. The USGS would provide the crew to do the work. Barnett believed the cost to the Commission would not exceed \$500, and could be considerably less. The Commission passed a motion to have Barnett and Anderson move ahead to secure a backhoe to be used by the USGS staff in repairing the gage.

Barnett asked Bob Fotheringham to report on Utah's efforts to quantify the water rights in the lower Bear River, particularly in the area of the Bird Refuge, through the adjudication process. Fotheringham indicated that the State of Utah prepared a water user's claim based on the certificated water right of the refuge and submitted it for review by the U.S. Fish and Wildlife Service (USFWS). There were ongoing negotiations between the USFWS, the Utah Division of Water Rights, and the Utah Department of Natural Resources to resolve that claim. The USFWS would like all of the claims in the Bear River valley quantified prior to accepting the Utah Division of Water Rights' interpretation of the water right to which the USFWS is entitled. The Division of Water Rights is completing an adjudication of the water rights from Bear River City south. This would include the South Creek area, but probably not the Bothwell area. Their goal is to complete the adjudication process by 1995.

Anderson indicated that the State Engineer's had expressed concern with the lack of legal help in conducting the adjudication. The State Engineer's office went to the State Legislature this year and was able to acquire funding for two attorneys to assist the State Engineer's office in completing their adjudication process in a more timely manner.

Barnett reported that the TAC was assigned by the Management Committee to brainstorm on potential amendments to the Compact or areas where adopted rules could resolve issues. He indicated that the TAC had addressed 15 potential issues, and the TAC would be putting together a report for the Management Committee's consideration. Upon review of the TAC's report, the Management Committee will determine how to proceed with potential needed changes, if there are any, and report their findings to the Commission. Higginson indicated that as the Compact revision issue proceeds, if it appears there is nothing in the Compact requiring formal amendments to be taken to the legislature and to the Congress, the Commission may still consider holding a public information meeting or hearing in each of the states to allow members of the public who might feel otherwise to bring matters to the attention of the Commission.

Anderson thanked the representatives from Utah who hosted the tours earlier in the day, namely, Lee Summers and Dave Styer from the Bear River Canal Company; Frank Nishiguchi, the Manager of the Bear River Water Conservancy District; and Al Trout, from the Bear River Bird

Refuge. Anderson also informed the Commission that Glen Nelson, the alternate commissioner in Utah, was resigning from the Commission effective July 1 due to severe health problems. Anderson indicated Nelson had expressed his appreciation for having the privilege to serve on the Commission and the opportunity to develop many friendships. Anderson moved that Barnett send a letter to Nelson in the Commission's behalf indicating the Commission's appreciation for Nelson's many accomplishments in the Bear River system and his efforts to protect the water resources in Utah. The motion passed unanimously.

Anderson reported that Utah's Bear River Task Force which had existed for the last five or six years went out of existence on January 12 as funding for the Task Force was not reinstated by the State Legislature. However, the State Legislature created a Utah Water Development Commission with basically the same responsibilities as the Task Force, but on a state-wide level. This group would be the mechanism to lobby the Legislature and the Governor with respect to water resources issues in the State of Utah such as funding for water development or changes in water use that would be beneficial. Anderson indicated the Water Development Commission was composed of 24 members: 8 people, one from each of the different river basins; 8 legislators; and 8 members of state government and other agencies. Their first meeting was scheduled for June 16, 1994. One of the items on their agenda would likely be Bear River issues.

Anderson reported that Utah had recently completed a detailed study on the construction of the Honeyville Dam. They compared costs for constructing Honeyville Dam with the potential construction of Beaton Dam (about half way between Cutler and Honeyville). The Honeyville Dam site was much more cost-effective. The dam would be 85 to 90 feet high and would hold about 110,000 acre-feet. The dam would help to meet the future water needs of the residents of Cache and Box Elder Counties in the Bear River Basin, and would also provide a block of water for use along the Wasatch Front, and possibly the opportunity of working with the Bear River Bird Refuge and USFWS in trying to solve some of their water supply needs that they have late in the summer. At USFWS's request, Utah is conducting an environmental feasibility analysis of the impacts of constructing Honeyville Dam. A contract has been signed. Work is to be done this spring and summer. The State of Utah is funding the consultants' work. The USFWS is providing in-kind services with information on the impacts to the Bird Refuge if the dam is built. The USFWS is in the process of determining whether they wish to be a participating partner. Although it appears clear that the USFWS would benefit from the increased water supply at the Bird Refuge, Anderson indicated that the USFWS has a philosophical problem with participating in the construction of the dam. The USFWS has been opposed to dam construction over the years, but Anderson felt with the appropriate factual information, they would be able to analyze the pluses and minuses and realize the dam is in their best interest.

Higginson mentioned that a couple of months earlier, Commission members had received a copy of a USGS study on Cache Valley hydrology. He indicated he had found the report to be very informative. Higginson indicated the Commission raised the issue of how ground-water usage impacts the river. The report indicates that there are 2,700 wells in Cache Valley, 200 in Idaho

and 2500 in Utah. Those wells collectively pump 38,000 acre-feet of water which lowers the ground-water level and decreases the spring discharge and hence causes depletions in flow to the river. This information is very important to the Commission's deliberations in administering the use of the water in the lower Bear River. Higginson believed it would be beneficial to have one or more authors of the report attend a Commission meeting to brief the Commission on the findings of the study. Lee Case indicated he would be pleased to make those arrangements.

Dave Styer indicated he had recently seen a letter from Utah Power protesting a Federal Energy Regulatory Commission (FERC) license because it contains a clause which states that if the FERC decides that a study is warranted to decommission Cutler, Utah Power would be forced to finance that study. Utah Power was objecting to the clause in the license, as they felt it sounded as if they were getting a license to decommission. Utah Power was concerned that if the FERC were allowed to study the potential decommission of Cutler, this could mean not only that all generating would stop, but potentially that Utah Power would be required to remove their generating facilities, including the removal of the entire dam and cleaning up the canyon as if it had never been there. Styer felt the Commission should consider taking a position that the federal government should not have the authority to say if a dam can exist or not at any particular point on the Bear River, just because it has energy generating facilities.

Chairman Heringer indicated he would like to visit Bear Lake and suggested a Commission meeting be held in the area. Keith Higginson volunteered that Idaho personnel would be happy to take him on a tour of the lake. Richard Hixson also indicated that Utah Power would like to participate in hosting the tour. It was determined that perhaps a Commission meeting could be held in the area next spring or summer, but that November would not be a good time to consider such a meeting.

Barnett commented that he had received a letter dated May 31 from the Bear Lake County Commission indicating they are having a meeting at Bear Lake in Fish Haven on June 29. Blair Francis indicated that the meeting was intended to bring together several groups that were looking at altering the usage of Bear Lake. Francis urged water users, such as the Bear River Canal, to participate in the meetings, as their water usage could be significantly impacted by changes in the administration of Bear Lake water.

Bob Fotheringham indicated that in line with the Cache Valley study mentioned by Higginson, we wished to note that the Utah State Engineer would be holding a public meeting in Cache County on June 29 at 7 p.m. at Mountain Crest High School to discuss the report with local people.

It was determined that the next Commission meeting would be held on Tuesday, November 29, in Salt Lake City. The annual Commission meeting adjourned at 5:35 p.m.

Following the Commission meeting, Commission members enjoyed a social dinner to honor Edwin J. Skeen who was retiring from his legal practice. Mr. Skeen was presented with a plaque conveying the Commission's appreciation for his nearly 60 years of service to the residents of the Bear River Basin and for his key role in the negotiation and ratification of the Bear River Compact and the Amended Bear River Compact. For many of those years, Mr. Skeen has been retained as legal counsel to the Commission.

AGENDA

Bear River Commission Annual Meeting
June 14, 1994

Maddox Ranch House
1900 South Highway 89
Perry, Utah

COMMISSION AND ASSOCIATED MEETINGS

June 13

10:00 a.m. Technical Advisory Committee meeting Barnett
(Salt Lake City)

June 14

8:30 a.m. Operations Committee meeting Funk

9:15 a.m. Records Committee meeting Jensen

9:45 a.m. Tour of Bear River Bird Refuge and
Adjacent Areas Barnett

1:30 p.m. Lunch and state caucuses Higginson/Fassett/Anderson

4:00 p.m. Commission meeting Heringer

6:00 p.m. Dinner honoring Ed. Skeen Barnett

ANNUAL COMMISSION MEETING

June 14, 1994

Convene Meeting: 4:00 p.m., Chairman Charles Heringer

- I. Call to order Heringer
 - A. Welcome and overview of meeting
 - B. Approval of agenda
 - C. Introductions

- II. Approval of minutes of last Commission meeting (November 23, 1993) Heringer

- | | | |
|-------|--|----------------------------|
| III. | Election of officers | Heringer |
| IV. | Report of Secretary-Treasurer | Anderson |
| | A. Budget | |
| | B. Assessments | |
| | C. Contract with Barnett | |
| V. | Bear Lake levels and 1994 operations | Hixson |
| VI. | Report of the Records Committee | Jensen |
| VII. | Report of the Operations Committee | Funk |
| VIII. | Report of the Technical Advisory Committee | Barnett |
| IX. | Items from the Management Committee | Higginson/Fassett/Anderson |
| X. | Other items from Commission members | Heringer |
| XI. | Next Commission meeting - November ____, 1994
(Regular Meeting, fourth Monday of November,
as set forth in Bylaws, is Nov. 28, 1994) | Heringer |

Anticipated adjournment: 6:00 p.m.

ATTENDANCE ROSTER

**BEAR RIVER COMMISSION
ANNUAL MEETING
Maddox Ranch House
Perry, Utah
June 14, 1994**

IDAHO COMMISSIONERS

R. Keith Higginson
Rodney Wallentine
Floyd Jensen

WYOMING COMMISSIONERS

Gordon W. Fassett
J. W. Myers
S. Reed Dayton
John A. Teichert (Alternate)

CHAIRMAN

Charles J. Heringer

UTAH COMMISSIONERS

D. Larry Anderson
Blair R. Francis
Calvin Funk
Dean Stuart (Alternate)

ENGINEER-MANAGER & STAFF

Jack A. Barnett
Don A. Barnett
Heidi S. Marciniak

ATTORNEY

E. J. Skeen

OTHERS IN ATTENDANCE

IDAHO

Hal Anderson, Department of Water Resources

UTAH

Robert M. Fotheringham, Division of Water Rights
Norman Stauffer, Division of Water Resources
Bert Page, Division of Water Resources

WYOMING

Sue Lowry, State Engineer's Office
Lisa L. H. Johnson, State Engineer's Office
Jade Henderson, State Engineer's Office
Marvin Bollschweiler, Retired Hydrographer

OTHERS

Lee Case, U.S. Geological Survey
Jim Kolva, U.S. Geological Survey
Al Trout, Bear River Refuge
Richard S. Hixson, Utah Power
William Atkin, Utah Division of Water Rights
Richard C. Skeen
Frank O. Nishiguchi, Bear River Water Cons. District

BEAR RIVER COMMISSION

STATEMENT OF INCOME AND EXPENDITURES

FOR THE PERIOD OF JULY 1, 1993 TO JUNE 1, 1994

INCOME	CASH ON HAND	INTEREST INCOME	FROM STATES	TOTAL REVENUE
Cash Balance 07-31-93	\$55,420.49			\$55,420.49
State of Idaho			\$30,000.00	30,000.00
State of Utah			30,000.00	30,000.00
State of Wyoming			30,000.00	30,000.00
Interest on Savings and other income		\$4,823.84 **		4,823.84
TOTAL INCOME TO June 1, 1994	\$55,420.49	\$4,823.84	\$90,000.00	\$150,244.33

DEDUCT OPERATING EXPENSES

EXPENDED THROUGH U. S. G. S.

	APPROVED BUDGET	UNEXPENDED BALANCE	EXPENDITURES TO DATE
Stream Gaging	\$40,850.00	\$0.00	\$40,850.00
SUBTOTAL	\$40,850.00	\$0.00	\$40,850.00

EXPENDED THROUGH COMMISSION

Personal Services	Jack	\$31,690.00	\$2,613.08	\$29,076.92
Travel (Eng-Mgr)		700.00	171.02	528.98
Office Expenses		1,000.00	-71.24	1,071.24
Printing Biennial Report		2,000.00	749.34	1,250.66
Treasurer Bond & Audit		980.00	-78.82	1,058.82
Printing		250.00	-479.30	729.30
Legal Retainer		500.00	-500.00	1,000.00 *
SUBTOTAL		\$37,120.00	\$2,404.08	\$34,715.92

TOTAL \$77,970.00 \$2,404.08 \$75,565.92

CASH BALANCE AS OF 6-1-94 \$74,678.41

* Note: Legal retainer amount is for FY 93 & 94.

** Includes \$1625 from the city of Evanston.

BEAR RIVER COMMISSION
DETAILS OF EXPENDITURES

FOR PERIOD ENDING JUNE 1, 1994

320	JACK BARNETT	2,661.15
322	JACK BARNETT	2,354.85
323	ALPHAGRAPHS	142.22
324	VOID	0.00
325	E. J. SKEEN	500.00
326	JACK BARNETT	3,132.55
327	ALPHAGRAPHS	40.12
328	ALPHAGRAPHS	181.88
329	JACK BARNETT	2,622.29
330	U S G S	40,850.00
331	ALPHAGRAPHS	20.68
332	JACK BARNETT	2,506.30
333	GILCHRIST SADLER HARDEN	958.82
334	ALPHAGRAPHS	54.42
335	JACK BARNETT	2,406.38
336	ALPHAGRAPHS	227.80
337	ALPHAGRAPHS	6.24
338	JACK BARNETT	\$2,684.92
339	ALPHAGRAPHS	24.57
340	JACK BARNETT	2,515.04
341	IST SECURITY INSURANCE	100.00
342	ALPHAGRAPHS	1,135.64
343	JACK BARNETT	2,399.17
344	ALPHAGRAPHS	5.00
345	VOID	0.00
346	JACK BARNETT	2,472.69
347	JACK BARNETT	2,491.15
348	E J SKEEN	500.00
349	JACK BARNETT	2,430.65
350	VOID	0.00
369	ALPHAGRAPHS	141.39

TOTAL EXPENSE \$75,565.92

BANK RECONCILIATION

Cash in Bank per Statement 6-1-94	\$8,885.93
Plus: Intransit Deposits	0.00
Less: Outstanding Checks	5,421.80
Total Cash in Bank	\$3,464.13
Plus: Savings Account-Utah State Treasurer	71,355.67
TOTAL CASH IN SAVINGS AND IN CHECKING ACCOUNT	\$74,819.80

BEAR RIVER COMMISSION

EXPENDITURE FORECAST THRU FY 94 & PROPOSED FY 95 AND FY 96 BUDGET

DESCRIPTION	FY 94 EST'D JUNE 30	FY 95 BUDGET MODIFIED	FY 96 PROPOSED	FY 97 PROPOSED
INCOME				
BEGINNING BALANCE	\$55,420.49	\$70,137.49	\$82,670.49	\$91,105.49
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
WYOMING	30,000.00	30,000.00	30,000.00	30,000.00
EVANSTON CITY	1,625.00	\$1,690.00	\$1,760.00	\$1,835.00
INTEREST ON SAVINGS	3,100.00	3,200.00	3,400.00	3,600.00
TOTAL INCOME	\$150,145.49	\$165,027.49	\$177,830.49	\$186,540.49
EXPENDITURES				
STREAM GAGING-U.S.G.S.	\$40,850.00	\$44,400.00 b	\$46,650.00 a	\$49,000.00 a
PERSONAL SERVICES CONTRACT-BARNETT	32,700.00 c	32,957.00	34,275.00	35,650.00
TRAVEL	900.00	900.00	900.00	900.00
OFFICE EXPENSES	1,400.00	1,400.00	1,400.00	1,400.00
PRINTING BIENNIAL REPORT	1,350.00	900.00	1,600.00	900.00
TREASURER'S BOND & AUDIT	1,058.00	1,100.00	1,150.00	1,200.00
PRINTING	750.00	700.00	750.00	800.00
LEGAL CONSULTANT	1,000.00	0.00	0.00	0.00
TOTAL EXPENDITURES	\$80,008.00	\$82,357.00	\$86,725.00	\$89,850.00
UNEXPENDED CASH BALANCE	\$70,137.49	\$82,670.49	\$91,105.49	\$96,690.49

NOTE. a. FOR BUDGET PROJECTIONS ONLY, THE FY 96 AND FY 97 USGS GAGING CONTRACT HAS BEEN INCREASED BY 5% PER YEAR AND THE PERSONAL SERVICE CONTRAC FOR BARNET HAS BEEN INCREASED BY 4% PER YEAR.

b. IN FY 95 THE USGS CONTRACT HAS BEEN INCREASED BY \$1500 FOR THE SULPHUR CREEK GAGE.

c. THE PERSONAL SERVICES CONTRACT FOR BARNETT IN FY94 IS \$31,690. IT IS ESTIMATED MR. BARNETT WILL EXCEED THE CONTRACT AMOUNT BY ABOUT \$1,000.

City 99 adjusted by amount on 11/11/94

SUMMARY OF BEAR RIVER OPERATION

1994 WATER YEAR TO JUNE 12, 1994

<u>EVENT</u>	<u>AC. FT./CFS</u>	<u>DATE</u>
Bear Lake Low Elevation - 5910.25	508,000 AF	9/26/93
Bear Lake Reached Elevation - 5911.0	557,000 AF	3/20/94
Bear Lake High Elevation - 5911.62	597,000 AF	5/13/94
Current Bear Lake Elevation - 5911.08	562,000 AF	6/12/94
Commenced Bear Lake Release		5/11/94
Current Bear Lake Release	1,050 CFS	6/13/94
4/1/94 SCS Runoff Forecast for April-July	175,000 AF	(59%)
Actual Runoff to Date	24,000 AF	
Projected April-July Runoff	26,000 AF	(12%)
Date of Mud Lake Diversion Structure Completion		5/1/94

6/13/94

MUD LAKE STORAGE CALCULATIONS
(PRELIMINARY)

Elevation Range

5914.0	2/15/94
5921.50	4/14/94

InflowsAc. Ft.

Rainbow Canal	
Feb. 16-28	3,471
March	19,870
April 1-14	<u>6,720</u>
TOTAL	30,061
Mud Lake Tributaries	<u>5,695</u>
TOTAL INFLOW	35,756

Outflows

Outlet Leakage	1,102
Causeway Structure Leakage	718

Net Mud Lake Storage 33,936 AF to 5921.50

mudcal.94