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Department of Water Resources

Memorandum

Date: May 20, 1996

To: Gary Spackman

From: Bob Foster

Re: measurements on Salmon River and tributaries

I have attached a compilation of measurements taken at irrigation diversions within the Salmon River Basin over a period of several years. These measurements have been taken by various agencies and provide measurements during drought years as well as normal water years.

The largest amount of data is within the Lemhi River drainage. This is due to the fact the Lemhi is a decreed stream and is under watermaster control. There are also a number of ongoing projects related to anadromous fish recovery within this drainage.

This data may be useful in upcoming adjudication claim investigations as well as providing some historical records of water use at the diversions.

There is limited information available on the types of equipment used in these measurements, however in contacting some of agencies, most measurements were conducted utilizing flow meters such as Price Pygmy meters or Swoffer flow meters.

I will continue to update these measurements with information I obtain form the various agencies and with measurements completed by myself or other agency personnel on a yearly basis. I have also attached an explanation of the abbreviations used in this report.

EXPLANATION OF ABBREVIATIONS

AGENCY	STREAM
LRWM=LEMHI RIVER WATERMASTER	L=LEMHI RIVER
FG=IDAHO FISH AND GAME	LBSC=LEMHI BIG SPRINGS CREEK
IDWR= IDAHO DEPARTMENT OF WATER RESOURCES	LEMHI HAYNES=LEMHI HAYNES CREEK
BATELLE=BATELLE LABS	LEMHI KENNEY= LEMHI KENNEY CREEK
CIC=CHALLIS IRRIGATION CO.	LHC= LEMHI HAYDEN CREEK
	LHCEF=LEMHI HAYDEN CREEK EAST FORK
	LLSC=LEMHI LAKE SPRINGS CREEK
	P=PAHSIMEROI RIVER
	PBSC=PAHSIMEROI BIG SPRINGS CREEK
	S=SALMON RIVER
	SALC=SALMON RIVER ALTURAS LAKE CREEK
	SEF=SALMON RIVER EAST FORK
	SEFBBC= SALMON RIVER EAST FORK BIG BOULDER CREEK
	SEFGC=SALMON RIVER EAST FORK GERMANIA CREEK
	SEFHC=SALMON RIVER EAST FORK HERD CREEK
	SMFMCKC=SALMON RIVER MIDDLE FORK MCKIM CREEK
	SNF=SALMON RIVER NORTH FORK
	SNFDC=SALMON RIVER NORTH FORK DAHLONEGA CREEK
	SNFSC= SALMON RIVER NORTH FORK SHEEP CREEK
	SPC=SALMON RIVER POLE CREEK
	SVC=SALMON RIVER VALLEY CREEK
	SVCEC= SALMON RIVER VALLEY CREEK ELK CREEK
	SWSC=SALMON RIVER WARM SPRINGS CREEK

FLOW MEASUREMENTSSALMON RIVER & TRIBUTARIESLEMHI RIVER & TRIBUTARIES

<u>DATE</u>	<u>SCREEN NUMBER</u>	<u>CFS</u>	<u>AGENCY</u>
07/20/95	L-01	2.1	LRWM
07/05/95	L-01	1.5	LRWM
05/18/95	L-01	1.4	LRWM
06/08/94	L-01	3.5	LRWM
09/28/93	L-01	1.8	FG
09/04/93	L-01	1.9	LRWM
08/18/993	L-01	2.2	LRWM
08/17/93	L-01	1.4	FG
07/21/93	L-01	1.0	FG
07/12/93	L-01	1.9	LRWM
06/04/93	L-01	2.9	LRWM
06/01/93	L-01	1.1	FG
05/19/93	L-01	2.9	LRWM
09/09/92	L-01	1.8	LRWM
07/14/92	L-01	1.3	LRWM
05/28/92	L-01	1.0	LRWM
09/25/91	L-01	1.1	LRWM
06/12/91	L-01	7.5	LRWM
08/16/95	L-02	3.1	LRWM
09/16/94	L-02	3.5	LRWM
05/18/94	L-02	4.3	LRWM
05/19/93	L-02	6.7	LRWM
09/09/92	L-02	3.3	LRWM
04/13/92	L-02	2.4	LRWM
06/03/91	L-02	4.3	LRWM
01/01/93	L-02B	0.0	LRWM
10/16/95	L-03	21.3	LRWM
09/27/95	L-03	31.0	LRWM
08/28/95	L-03	20.3	LRWM
05/18/95	L-03	23.6	LRWM
09/06/94	L-03	17.3	LRWM
05/18/94	L-03	20.3	LRWM
10/18/93	L-03	24.3	LRWM