

MINUTES OF THE MEETING OF THE APPROPRIATIONS COMMITTEE
March 23, 1983

The Appropriations Committee continued their meeting at 7:00 p.m. on Wednesday night, March 23, 1983, in Room 104 of the State Capitol Building, Helena, Montana. All members were present. Judy Rippingale, Legislative Fiscal Analyst, was also present. HOUSE BILLS 876, 334, 597, 745, 819 were heard. EXECUTIVE ACTION was taken on HOUSE BILLS 610, 518, and 456.

(Tape 8: Track 2:1196)

HOUSE BILL 876: "A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE MONEY FROM THE RESOURCE INDEMNITY TRUST ACCOUNT TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR USE BY THE SHERIDAN COUNTY CONSERVATION DISTRICT FOR AN EVALUATION, QUANTIFICATION, AND MAPPING OF THE GROUND WATER RESOURCES IN THE ANCESTRAL MISSOURI RIVER CHANNEL AND ADJACENT AREAS IN SHERIDAN, ROOSEVELT, DANIELS, VALLEY, McCONE AND RICHLAND COUNTIES."

Representative GLENN JACOBSEN introduced his bill.

Proponents

Most proponents who spoke are listed on the Visitor's Register at the end of these minutes. Those who did not sign were: ELLIS HAGEN, Sheridan County Conservation District. (Exhibit 1). Senator Tveit, testified as a proponent.

Opponents

None.

Discussion

Leo BERRY, DNRC, DISTRIBUTED Exhibit 2. Mr. BERRY stated DNRC supports most of the projects listed for RIT funds. The Appropriations Bill allocated some RIT funds for DNRC operations. If the agency budgets for DNRC and State Lands are funded out of the RIT account, there will only be \$242,533 left to expend. Mr. BERRY stated he believes the RIT account was originally established for projects, and not for agency operations. The Legislature chose to fund the agencies with this RIT money. If the bills being heard (listed on Exhibit 2) were all to be funded, the RIT account would be \$4.9 million in the hole.

Representative BARDANOUVE asked why the oil drillers couldn't give the information on water when they are drilling. Representative JACOBSEN stated the information is not available, unfortunately.

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In closing, Representative JACOBSEN stated that if an aquifer could be found in northeastern Montana, it could save many of the small cities in this part of the state a great deal of money. He asked for favorable consideration.

The hearing closed at 7:25 p.m.

(Tape 8: Track 2:1338)

HOUSE BILL 334: "A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE MONEY TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR ADMINISTRATION OF THE 10-COUNTY TRIANGLE CONSERVATION DISTRICT SALINE SEEP CONTROL PROJECT."

Representative ROUSH introduced his bill. He submitted a proposed amendment to HB-334 (Exhibit 3) which would increase the appropriation by \$15,600, for a total request of \$74,600. The purpose of the amendment is to bring in six northeastern Montana counties into the current 10-county program for controlling saline seep. The current program includes Judith Basin, Cascade, Teton, Pondera, Glacier, Toole, Liberty, Hill, Blaine and Choteau counties. HB-334 is proposing six northeastern counties be included in the program: Valley Daniels, Sheridan, Roosevelt, Richland and McCone counties. Representative ROUSH stated over 40,000 acres have been recharged in the 10 counties. Plans are in progress for another 8,000 acres. The saline seep is estimated to affect over 280,000 acres in Montana and is increasing at a rate of 10% a year. Representative ROUSH stated this program plans to spend \$2,600 in each of the new six counties, and will have two operators in each county as a pilot project. This program is funded by three methods: HB-334, HB-897, and Soil Conservation monies.

Proponents

Senator LARRY TVEIT felt saline seep is one of the most important issues facing Montana, and urged support.

HERBERT PASHA, Highwood, Montana, representing the Triangle Conservation District testified in support.

STEVE MEYER, Montana Association of Conservation Districts, urged support.

JO BRUNNER, Women involved in Farm Economics, urged support. (Exhibit 4.)

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BARRY WARREN, Alkaline Control Association, urged support.

MARVIN MILLER, Montana Bureau of Mines and Geology, urged support.

Representative TED SCHYE urged support.

LYNN GOLDBAHN, Geraldine, Montana, urged support.

Opponents

None.

Representative Roush closed his bill by saying saline seep is a "cancer of the soil" and hoped the committee would support this worthy project.

The hearing closed at 8:00 p.m.

(Tape 8: Track 2:1518)

HOUSE BILL 597: "A BILL FOR AN ACT TO APPROPRIATE \$48,800 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR THE PURPOSE OF ADMINISTERING A GRANT TO THE CITY OF GLASGOW AND VALLEY COUNTY JOINTLY FOR A CITY-COUNTY WATER PROJECT."

Representative TED SCHYE introduced his bill. He introduced Dr. Martin Connall, who headed the city-county water study.

DR. CONNALL provided Exhibit 5. His committee has studied the water project for three years. He stated the City of Glasgow has contributed \$24,820 and Valley County has contributed \$20,704. They hope to take water from Fort Peck Lake through Tunnel 1 and will be used for irrigation. The total cost to the city would be \$5 million through a loan with the Bureau of Reclamation Small Loans Projects at a fixed 10% rate. The City of Glasgow is out of water and in critical shape.

DR. CONNALL stated the irrigation portion would be \$28,513,000. The Bureau of Reclamation Loan for the irrigation portion will be interest free. He also hopes to add hydroelectric power which would require 10% interest. The project costs would be \$33 million, the hydro return would be \$21 million, which means the out-of-pocket costs to the city and county over 40 years would be \$12.5 million.

DR. CONNALL stated the city has spent \$24,820, the county \$20,704, the state of Montana has spent \$35,000 for a total

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of \$80,500. Upon approval of this request (HB-597), they will finish with their engineering firm and go to the Bureau of Reclamation for approval. After approval, the City of Glasgow and Valley County will vote in separate elections whether they want the project.

DR. CONNALL provided Exhibit 6, which is a petition with 523 signatures showing support of the water study project.

Proponents

MANSON BAILEY, Executive Director of the Valley County Development Council, testified as a proponent. (Exhibit 7.)

LARRY LEGARE, Mayor of Glasgow, testified in support.

JOHN MACKNESS, Glasgow, testified in support.

JIM RECTOR, Glasgow, testified in support.

Senator ETCHART testified in support

MARVIN TARRIM, Richland, testified in support.

Opponents

The Committee members were given a copy of Exhibit 8 which is a petition listing signatures of concerned Valley County landowners. Their concerns are outlined in a letter from Shirley Ball with Exhibit 8.

In closing, DR. CONNALL stated they would like to have the water by 1985.

The hearing closed at 8:30 p.m.

(Tape 8: Track 2:1723)

HOUSE BILL 745: "A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE \$100,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO ADMINISTER A GRANT TO THE MILK RIVER IRRIGATION DISTRICTS FOR THE PURPOSE OF APPLYING TO THE FEDERAL ENERGY REGULATORY COMMISSION FOR A HYDROELECTRIC PLANT ON THE TIBER DAM AND TO APPROPRIATE \$50,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO STUDY WATER SHORTAGES IN THE MILK RIVER BASIN."

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Representative SCHYE introduced his bill and stated the bill has an amendment for \$25,000 for a joint study with Saskatchewan on the water shortages in the Milk River.

Proponents

Senator ETCHART appeared in support and presented Exhibit 9, a summary report of the Tiber Dam Power Project.

DR. CONNALL, representing the city-county water study group in Glasgow/Valley County appeared as a proponent.

MANSON BAILEY, Executive Director of the Valley County Development Council, testified as a proponent.

FAYE SEEL, Malta, representing the Milk River Irrigation, Districts testified as a proponent. (Exhibit 10.)

JOHN OVERCAST, Chinook, representing the Irrigation Project and stockgrowers, appeared as a proponent.

Senator HAMMOND appeared as a proponent.

TED ERIAN, Malta, representing the Malta irrigators, appeared as a proponent.

KNUTE KULBECK, Harlem, appeared as a proponent.

Opponents

None.

Discussion

The committee had a question on the legality of irrigation districts having their own power projects. JOHN OVERCAST, who testified earlier, stated there is some problem with this. Representative QUILICI pointed out it is better that Montanans be considered instead of out-of-state people being involved in these projects.

The hearing closed at 9:00 p.m.

(Tape 8: Track 2:1994)

HOUSE BILL 819: A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE FUNDS TO THE MONTANA BUREAU OF MINES AND GEOLOGY FROM

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THE RESOURCE INDEMNITY TRUST ACCOUNT FOR MONITORING AND ASSESSING IMPACTS ON GROUND WATER IN SENSITIVE AREAS AND FOR IMPLEMENTING A GROUND WATER INFORMATION SYSTEM."

Representative ASAY introduced his bill.

Proponents

MARVIN MILLER, representing the Montana Bureau of Mines and Geology, testified. He presented a proposed program budget. (Exhibit 11.)

WAYNE VAN VOAST, representing the Montana Bureau of Mines and Geology, also testified.

Representative QUILICI testified in support and referred to all the problems Butte is having at this time with the closing of the mines, and the groundwater contamination.

TIM STEARNS, representing the Northern Plains Resource Council, testified in support.

JIM MOCKLER, Montana Coal Council, testified in support.

Opponents

PAT WILSON, representing Thermal Energy, testified there is not enough money for a full study, only partial analysis. She also feels this is a duplication of a process already being done.

Discussion

Representative BARDANOUE asked why the Coal Board doesn't put money into this, as the groundwater contamination is a result of coal impact. Representative ROUSH pointed out the Coal Board can only authorize money for local governments. Representative MANUEL pointed out the State Lands has \$7 million authorized for abandoned mines, and perhaps some funds were available here.

The hearing closed at 9:00 p.m.

(Tape 8: Track 2:2357)

WATER HEARINGS

Representative BARDANOUE discussed the water hearings earlier today and advised the committee to stay within the

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recommended projects. The requested 2% interest across the board for all projects is a problem. He suggested a rate of interest be calculated by DNRC for each individual project.

(Tape 8: Track 2:2390)

***EXECUTIVE ACTION:

HOUSE BILL 610: "A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE \$48,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO ADMINISTER A GRANT TO THE MILK RIVER WATER USERS' ASSOCIATION FOR THE PURPOSE OF CONSTRUCTION OF A FISH LADDER ON THE ST. MARY DIVERSION DAM."

Representative THOFT made a motion that HOUSE BILL 610 do not pass. Motion passed unanimously.

HOUSE BILL 518: "A BILL FOR AN ACT ENTITLED: "AN ACT APPROPRIATING MONEY TO THE MONTANA HISTORICAL SOCIETY FOR PUBLICATION OF A ROADSIDE GUIDE TO MONTANA HISTORIC SITES: AND PROVIDING AN EFFECTIVE DATE."

Representative BENGTON made a motion that HOUSE BILL 518 do not pass. Motion passed unanimously.

HOUSE BILL 456: A BILL FOR AN ACT ENTITLED: "AN ACT DEFINING DAY-CARE REIMBURSEMENT FOR DEPENDENT CHILDREN AND APPROPRIATING \$250,000 THEREFORE: AMENDING SECTION 53-4-201, MCA; AND PROVIDING AN EFFECTIVE DATE."

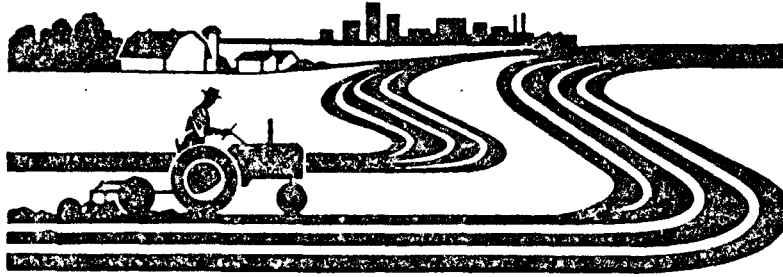
Representative PECK made a motion that HOUSE BILL 456 do not pass. MOTION PASSED UNANIMOUSLY.

The meeting adjourned at 9:45 p.m.


FRANCIS BARDANOUVE
Chairman

ps

SHERIDAN COUNTY CONSERVATION DISTRICT



FACT SHEET

558 1st Av W Plentywood, Montana 59254 Phone: 765-1801

GROUNDWATER STUDY OF NORTHEASTERN MONTANA

WHAT IS THE PROJECT:

An intensive inventory of groundwater resources of Northeastern Montana with emphasis on water quality and determining aquifer utilization of groundwater resources. Counties include: Sheridan County, Daniels County, Roosevelt County, and parts of Valley, McCone and Richland Counties.

NEED FOR PROJECT:

The need for the project came from the grass roots concern for what has been happening to groundwater resources in the region. Lately, this region has been undergoing intense oil and gas development. Irrigation systems are developing rapidly. Other resource developments such as coal and potash are in some planning stage. Water quality baseline data needs to be established before much more development takes place. The region needs to determine what optimum utilization of aquifers are for future development for agriculture, industry, domestic, and municipal uses, avoiding undesirable social, economic, and environmental impacts on wildlife and other resources.

PROJECTS

The project has two main purposes. First, there will be an inventory of all the groundwater resources in Northeastern Montana. Water samples will be taken from selected wells to determine water quality, rate of flow, depth of wells, and the geological formation. This data will be analyzed and presented on a groundwater resource map. This map is easily understood by everyone. To date, two groundwater resource maps have been published by the Montana Bureau of Mines & Geology covering the Hardin and Ekalaka quadrangles.

The second purpose is to evaluate and quantify the groundwater resource of the ancient Missouri River channel aquifer. The results would be used by water users and governmental agencies in planning for optional regional exploration of the groundwater resource with minimal adverse impact on users. The study would provide reliable data to water planners, water users, and financial institutions regarding large investments in high-production water supplies and irrigation equipment. The results would also provide the framework to address large interstate and international issues that can arise with increasing withdrawals in Montana.

The primary objective is to determine the geometry, aquifer characteristics, water quality and water budget. Secondary objectives of the study are determination of optimum well spacing, safe yield, potential for artificial recharge, possible environmental impacts. The results of the study will be usable upon completion to all water user

STUDY DESIGN: The study will be conducted in three phases, taking 44 months to complete. Phase I will include an inventory of existing wells, compilation of all available published data including North Dakota and Canadian studies, limited water quality sampling, some geologic mapping, and designing of detailed studies for Phases II and III. Phase I has been completed.

Included in Phase II will be a comprehensive basic data collection throughout the study area. Some test wells may be drilled as needed. Additional wells in the ancient channel will be inventoried and sampled. This phase is currently being conducted.

Phase III will collect highly specific data for hydrologic modeling of the ancient channel and to constructing and verifying the model.

WHO WILL BENEFIT:

The citizens of Northeastern Montana will benefit by knowing the extent, quality and amount of groundwater available for development. Landowners will have better knowledge of groundwater conditions before seismic and other oil and gas development occurs. Potential irrigators will know if adequate water is available prior to purchasing irrigation systems. Municipalities and rural areas are searching for new sources of water to satisfy growing needs. Conservation districts that are filing for water reservations will have reliable information upon which to base their requests.

ECONOMIC

ASSESSMENT:

The primary benefits of the project would be received by the users of the developed water resources. These benefits include: increased water availability in an area where water is limited, improved accessibility to water for agriculture, industrial development and domestic uses; increased farm and industrial revenues; and an improved quality of life.

WHO WILL CONDUCT:

The Montana Bureau of Mines & Geology and the U. S. Geological Survey with the cooperation of the Sheridan County Conservation District, who are sponsors of the study.

FUNDING:

This is a cooperative project funded by local, state and federal agencies and the water users that will benefit from the project. Other possible sources of funding include in-kind services, donations, revenue sharing, private industry, and other conservation districts.

The total cost of the project is \$711,001.00. The Montana Bureau of Mines & Geology, United States Geologic Survey and the U. S. Fish & Wildlife Service have budgeted \$280,691.00. This leaves \$430,310.00 for northeastern Montana to contribute.

To date, Northeastern Montana has received a grant from the DNRC of 223 Grant monies of \$20,000. The Sheridan County Conservation District and Sheridan County have contributed \$15,000.00

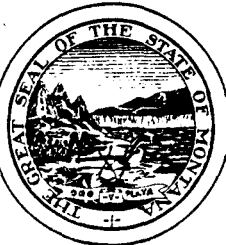
Other grants applied for but not received are: Renewable Resource Program--\$125,000; Water Development Program--\$125,000; 223 Grant for \$15,000 and the Indemnity Trust Fund for \$250,000. The district will pursue other grant funding as they become available.

SUPPORT:

The Sheridan County Conservation District has received support from the following: Sheridan County, Daniels County Conservation District, Roosevelt County Soil Conservation District, Valley County Conservation District, McCone County Conservation District, County of Roosevelt, Environmental Protection Agency, Three Corners Boundary Association, Board of Oil and Gas Conservation, Northeastern Montana Land & Mineral Owners Association, and the Montana Association of Conservation Districts.

DEPARTMENT OF NATURAL RESOUF
AND CONSERVATION
WATER RESOURCES DIVISION

Exhibit 2
March 23, 1983 p.m.
712 - 100
F10



TED SCHWINDEN, GOVERNOR

32 SOUTH EWING

STATE OF MONTANA

(406) 449-2872 ADMINISTRATOR
(406) 449-2864 ENGINEERING BUREAU
(406) 449-3760 WATER DEVELOPMENT BUREAU
(406) 449-2872 WATER MANAGEMENT BUREAU
(406) 449-3962 WATER RIGHTS BUREAU

HELENA, MONTANA 59620

MEMORANDUM

March 19, 1983

TO: Leo Berry, Director
Department of Natural Resources and Conservation (DNRC)

FROM: Mark O'Keefe
Caralee Cheney
Water Development Bureau, DNRC

SUBJECT: Status of the RRD and RIT Accounts

The following shows the effect of all current proposals for the use of RRD and RIT funds.

RENEWABLE RESOURCE DEVELOPMENT FUND

	<u>FY 82 & 83</u>	<u>FY 84</u>	<u>FY 85</u>
Beginning Balance	2,182,705	580,221	580,221
Revenue	2,022,399	692,878	692,878
Appropriations			
DNRC (Grants and Administration)	4,205,104	692,878	692,878
Expected Reversions	580,221		
DNRC (Grants and Administration)			
End Balance	580,221	580,221	580,221

Additional requests for the 85 biennium:

HB 897 (Neuman) DNRC is requesting up to \$580,000 to be used in the Water Development Program for grants and loans to private individuals during the biennium.

HB. 726 (Curtiss) Timber Stand Improvement 240,000
This would be in addition to the \$100,000 recommended through the RRD program.

HB 908 (Harper) Water Marketing Study 80,000

RESOURCE INDEMNITY TRUST FUND

	<u>FY 82 & 83</u>	<u>FY 84</u>	<u>FY 85</u>
Beginning Balance	1,098,518	(474,327)	102,984
Revenue	5,704,982	4,312,176	5,198,812
Appropriations			
DNRC-operations	2,958,874	1,228,897*	2,286,351*
DSL-operations	2,464,893	1,212,316*	1,213,269*
DFWP-operations	87,500		
Water Development (statutory allocation of 30%; 85-1-604)	1,711,494	1,293,652	1,559,643
Expected reversions	?		
	(65,000 maximum)		
End Balance	(474,327)	102,984	242,533
Subtotal end balance at end of 1985			242,533

*As of February 23, 1983, approved by House Appropriations Subcommittee.

The following are additional requests for RIT funds in the upcoming biennium:

HB 108 (Manuel)	Muddy Creek	\$475,579
HB 334 (Roush)	Triangle Saline Seep	59,000
	(to be amended)	15,600
HB 597 (Schye)	City of Glasgow (or from RRD)	48,800
HB 610 (Compton)	St. Mary-Milk River Project	48,000
HB 724 (Daily)	30% to hard-rock mining mitigation	2,853,296
HB 745 (Schye)	FERC license for Milk River Irrigation District	100,000
	Study Water Shortage	50,000
	in Milk River (may be amended)	25,000
HB 819 (Asay)	Ground water monitoring	232,000
HB 876 (Jacobson)	NE MT ground water inventory	250,000
HB 903 (Fagg)	Reclamation at the Stillwater- complex	<u>1,000,000</u>

TOTAL		5,157,275
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Balance at end of biennium if all bills are passed:	(4,914,742)
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Tax
payment by
all companies

Subfund A
held for 6
months to
see if
needed to pay bonds

company
pay bonds

50%

50%

interest income

Interest
income

Subfund
C

20%

I-95
15%

interest income

GENERAL Fund
19%

Education Trust
10%

Local Impact
8.75%

Public School
Equalization 5%

Parks Acquisition/Education Projects
2.5%

Alternative Energy
2.25%

Expendable Resources Div.
6.25%

Water Development
6.25%

County Land Planning
.5%

Library Commission
.5%

Conservation Districts
.25%

Constitutional
trust
Fund

(Subfund B)

Allowed back into trust fund
to offset loss from Subfund A

3
Proposed Amendments to HB 334

1. Page 2, line 2.

Strike: "\$59,000"

Insert: "\$74,600"

2. Page 2, line 3.

Following: "administration"

Insert: "in cooperation with the Triangle Conservation District
and the North East Montana Saline Seep Association"

WIFE Women Involved in Farm Economics



NAME Jo Brunner BILL NO. HB 334

ORGANIZATION WOMEN INVOLVED IN FARM ECONOMICS

ADDRESS 563 3rd St, Helena DATE March 23

SUPPORT X OPPOSE

COMMENTS:

Mr. Chairman, members of the committee, my name is Jo Brunner and I represent the members of the Women Involved in Farm Economics organization.

The W.I.F.E. organization supports HB 334. We are concerned with the saline seep situation as one of the most serious problems facing agriculture today, and rating next to weed control in priorities. The loss of crop and grazing land is increasing at too rapid a rate from saline seep.

Saline seep is not a problem peculiar to one segment of agriculture, but to the state in general. It is a serious problem in its own right-- and those who are concerned with the land itself-separate from the agriculture use should recognize the need to relieve our soil of this destroyer.

The program is not intended to be a constant burden to the state of Montana, but a program to help those of us who are afflicted to gradually work our way out of dependence on state funding. But, we do need help in the groundwork, individual farmers and ranchers are not able to support the program by themselves and education is a great factor in bringing saline seep under control.

We ask a do concur for HB 334.

Thank You

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CITY COUNTY WATER PROJECT

CITY/COUNTY WATER PROJECT

The City of Glasgow is running out of well water and engineering studies indicate that Fort Peck Lake/Missouri River water is the only direction to go for quality water.

Valley County has limited amounts of irrigation and would like to develop new lands under irrigation to increase crop production and tax base. Our present irrigation project is on the tail end of the Vandalia Project and water quality is low, as is quantity. This project would also provide supplemental water to present irrigational land.

The 1944 Federal Flood Control Act promised 1,314,000 acres of irrigation to Montana. Today, only 47,000 have been developed. Valley County lost 590,000 acres of land to Fort Peck Lake. We have never received a supplement for our loss of this tax base; therefore, we would like the water to improve our land.

The City and County have formed a joint commission to solve the problem. The City/County Water Study Commission was formed two years ago to establish a project that would be feasible. With the completion of the loan application, the residents of the city and county, respectively, will vote whether to accept or reject the project.

The proposed method of financing the project is a Bureau of Reclamation Small Loans Project.

The following is a summary of the project to date:

CITY- COUNTY WATER PROJECT

CITY OF GLASGOW PORTION

PIPE LINE (6.2 miles, 24" pipe)	\$ 2,652,000.00
BALANCING BASIN (20 acres 18' deep)	810,000.00
SHARE OF CANAL (15.8 miles & tunnel)	<u>1,543,000.00</u>
TOTAL CITY COSTS	\$ 5,005,000.00

* This is principal only. Interest under Bureau of Reclamation
Small Projects Program would be a fixed 10% rate.

IRRIGATION PORTION

SOUTH BENCH LATERAL	\$ 1,060,000.00
RETENTION DAMS (3)	1,944,000.00
INTAKE CRIB *	1,215,000.00
TUNNEL * lake section 2000' & dry land section 4000'	11,340,000.00
HEAD SHAFT *	2,430,000.00
CONNECTION * intake crib to tunnel	810,000.00
CONTROL STATION * located at head shaft	3,240,000.00
CANAL *	5,195,000.00
VALVES & PIPE *	243,000.00
CONCRETE DROP PIPE	1,291,000.00
IMPROVE CANAL	153,000.00
RIGHT OF WAY *	635,000.00
ENVIRONMENTAL IMPACT STATEMENT *	500,000.00
CITY PORTION *	<u>(1,543,000.00)</u>
	\$28,513,000.00

$\$28,513,000 \div 65,560 \text{ acres} = \$435/\text{acre} \div 40 \text{ yr} = 10.87/\text{acre/yr}$

operation and maintenance .79

\$11.66/acre/yr

(The irrigation portion is an interest free loan over 40 years from the Bureau of Reclamation Small Projects Program.)

IRRIGATION LAND PROPOSED

	<u>ACRES</u>
A. SOUTH BENCH	38,800
B. RIVER BOTTOM (Willow Creek Siphon to Nashua)	13,900
C. AITKIN BENCH	10,560
D. NORTH SIDE OF RIVER (Upstream Glasgow)	2,300
	<hr/>
	65,560 acres

(PROVIDES BOTH NEW AND SUPPLEMENTAL WATER)

HYDROELECTRIC POWER PROPOSAL

COST TO ADD HYDRO (300 CFS, 90' head) \$ 4,620,000.00

HYDRO OPERATION BUDGET

REVENUE (5.8¢/KWH + \$36/KW Cap) 1,043,000.00/yr

ANNUAL REPAYMENT OF HYDRO 472,000.00/yr
(using 10% interest and not considering grants)

OPERATION AND MAINTENANCE 46,000.00/yr

ANNUAL NET REVENUES \$ 525,000.00/yr

40 YEAR COST OF PROJECT TO CITY-COUNTY USERS WITH HYDROELECTRIC POWER

TOTAL PROJECT COST \$33,518,000.00
(not including hydro or city's interest)

REVENUES GENERATED OVER & ABOVE OPERATIONAL COSTS
AND REPAYMENT OF LOAN (40 yrs @ \$525,000) 21,000,000.00

PROJECTED NET COST OVER 40 YEARS \$12,518,000.00

PROPORTIONAL COSTS

CITY COSTS \$ 1,877,700.00

COUNTY COSTS 10,640,300.00

$\$10,640,300.00 \div 65,560 \text{ acres} = \$162/\text{acre} \div 40 \text{ yr} = \$4.06/\text{acre/yr}$

MONIES SPENT TO DATE ON PROJECT

CITY OF GLASGOW	\$24,820.35
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VALLEY COUNTY	20,702.22
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STATE OF MONTANA	<u>35,000.00</u>
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Total monies spent as of February, 1983	\$80,522.57
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TOTAL EXPENSE PAID OUT AS OF FEBRUARY 22, 1983

<u>COUNTY ALLOTMENTS:</u>	\$14,000.00	
	<u>15,000.00</u>	
	\$29,000.00	

EXPENDITURES:

Claim #888	Oct. 1982	maps, telephone, etc.	179.25	
Claim 2558	June 1982	Black & Veatch	10,800.00	
Claim 660	Sept 1982	Scotty Travel	664.80	
Claim 1723	Jan 1983	Connell - trip, display, etc.	378.98	
Claim 1726	Jan 1983	Juel (wage \$724 plus postage & office expense)	750.82	
Claim 1727	Jan 1983	Seifert Construction (office)	995.00	
Claim 1953	Feb 1983	Black & Veatch, engineering	5,000.00	
Claim 1954	Feb 1983	Dept. of Nat. Res. (filing)	250.00	
Claim 1955	Feb 1983	IBM (typewriter)	913.38	
Claim 1956	Feb 1983	Juel (wage \$718 plus postage & office expenses)	769.99	
			<u>\$20,702.22</u>	<u>\$8,297.78</u>

<u>CITY ALLOTMENTS:</u>	\$14,500.00	
	<u>13,725.00</u>	
	\$28,225.00	

EXPENDITURES:

Black & Veatch	\$14,500.00	
Black & Veatch (Feb. 1983)	10,000.00	
Jim Rector, Salt Lake Trip	<u>320.35</u>	
	\$24,820.35	<u>\$3,404.65</u>

STATE OF MONTANA ALLOTMENT:	\$35,000.00	
EXPENDITURES: Black & Veatch, engineering	<u>\$35,000.00</u>	

TOTAL EXPENDITURES:	ENGINEERING	\$75,300.00	
	DNR FILING FEE	250.00	
	SALARY & EXPENSE	1,520.81	
	ADMINISTRATIVE	<u>3,451.76</u>	
		\$80,522.57	

TOTAL BALANCE OF FUNDS:		<u><u>\$11,702.43</u></u>
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LOAN APPLICATION PHASE BUDGET

1983

Bureau of Reclamation (filing fee)		\$ 1,000.00
Black & Veatch - Environmental assessment	\$21,000.00	
Engineering & loan application	<u>37,500.00</u>	58,500.00
Legal (Jim Rector)		2,000.00
Administrative Assistant - Salary \$4/hr & exp.	9,750.00	
Office equipment & supplies	1,000.00	
Office	<u>1,250.00</u>	12,000.00
Legislative & work DNRC - 3 Helena trips		1,500.00
Promotion - preparation of information booklet for City & County users prior to voting		2,000.00
Administrative - Travel costs for meetings (3) Bureau of Reclamation (Billings) (2) Corps of Engineers (Omaha, Nebr.)		3,000.00
TOTAL BUDGET		<u>\$80,000.00</u>

SOURCE OF FUNDING FOR BUDGET

CITY OF GLASGOW

\$13,725.00 APPROVED

VALLEY COUNTY

17,475.00 APPROVED

STATE OF MONTANA

48,800.00

\$80,000.00

PROJECT SCHEDULE

MARCH 1, 1983	State approval of \$48,800 for loan application
MAY 1, 1983	Draft application for loan submitted to Bureau of Reclamation
JUNE 1, 1983	Application for loan submitted to Bureau of Reclamation
AUGUST 1, 1983	Bureau of Reclamation approves loan application
NOVEMBER 8, 1983	Vote by City and County to approve project
DECEMBER 1983	Completion of final loan application
OCTOBER 1984	Letting of bids on project
OCTOBER 1986	Water released into canal

NATIONAL WATER LINE

National Water Resources Association 955 L'Enfant Plaza, North Bldg., S.W. Washington, D.C. 20024 (202)488-0610

***The SubCom on Water and Power Resources of the House Int & Ins Aff Com marked up, on Feb. 9, a committee print of a new version of a bill to amend the turn of the century Reclamation Act. At the time of the mark up, the committee print had not yet been introduced. It officially went into the "hopper" on Feb. 10 as H.R. 5539 by Udall (AZ), Lujan (NM), Kazen (TX), Clausen (CA), Patterson (CA), Coelho (CA), Pashayan (CA), and Hansen (UT). Eight amendments were adopted during the mark-up session before the SubCom favorably reported the bill for full committee consideration. Mark up of H.R. 5539 by the Int and Ins Aff Com is scheduled for Feb. 24.

The bill that the SubCom agreed upon will not be the same bill that will emerge from the full committee. Based on statements of SubCom members at the Feb. 9 session, we can expect a dozen or more amendments to be offered for consideration on Feb. 24. This is good news because the SubCom bill is far from perfection. The Farm/Water Alliance legislative drafting committee will hold an emergency meeting in Los Angeles on Feb. 18 to draft recommended changes or amendments for consideration by members of the full committee.

***With all of the reductions in the overall FY 1983 Federal Budget, the commitment of the SecInt to water resources development was clearly evidenced in a BuRec INCREASE in FY 83 over FY 82 of \$163.6 M! Last year, the Administration requested \$742.3 M, which the Congress increased to \$762.9 M. The Budget request for FY 83 is \$936.5 M! The largest chunk of the BuRec appropriation is for construction. The budget request is for \$66.5 M to continue construction on 70 projects, and preconstruction planning will be underway on two projects. The construction completed through 1982 will provide full irrigation service to 5,098,800 acres, a supplemental water supply to 5,748,200 acres, annually provide 4,037,749 acre-feet of municipal and industrial water, and 12,813,000 kilowatts of hydroelectric power. During 1983, facilities are scheduled to be completed to furnish a water supply to 30,300 acres, and facilities to furnish 100,000 kilowatts of hydroelectric power and 20,100 acre-feet of municipal and industrial water.

AFTER CONSULTATION WITH LOCAL PROJECT SPONSORS, THE ADMINISTRATION WILL REQUEST APPROPRIATION OF UP TO \$48 MILLION TO INITIATE CONSTRUCTION OF NEW WATER RESOURCE PROJECTS THAT MEET THE ADMINISTRATION'S CRITERIA FOR NON-FEDERAL FINANCING AND COST SHARING AND THAT ARE ECONOMICALLY AND ENVIRONMENTALLY SOUND.

NOTE: These funds are for both COE and BuRec projects. If you want to move your project, start your negotiations as soon as possible.

The Small Reclamation Projects Loan Program received a boost from \$22.6 M in 1982 to \$39.6 M in 1983, but this is for on-going construction; no new starts are scheduled. A boost also for General Investigations from \$30.5 M to \$36.3 M, which bodes well for future programming.

Allocation of major BuRec construction funds for FY 83 are as follows: Central Arizona Project, \$160.9 M; Central Valley Project (CA), \$59.9 M; Colorado River Basin Salinity Control Projects (AZ-CA), \$44.3 M; Klamath Project (CA-OR), \$1.9 M; Washoe Project (CA-NV), \$3.5 M; Bonneville Unit (UT), \$80 M; Chief Joseph Dam Project (WA), \$17 M; Columbia Basin Project (WA), \$50 M; Dallas Creek (CO), \$39 M; Dolores Project (CO), \$46 M; Fryingpan-Arkansas (CO), \$13 M; McGee Creek (OK), \$53 M; North Loup (NE), \$39 M.

A check of the other major bureaus and offices of the IntDept gives the following figures (in millions) for FY '83 budget request with FY '82 figures in parenthesis for ready comparison: Bureau of Land Management, \$373 (\$355); Fish and Wildlife and Parks, \$219 (\$220); Geological Survey, \$507 (\$494); Bureau of Mines, \$124 (\$146); Indian Affairs, \$849 (\$802); and WAPA, \$207 (\$210). At the Agriculture Dept., the Soil Conservation Service increases from \$310 M to \$336 M. A zero budget request for the Water Resources Council and the Office of Water Research and Technology was made. FY '83 COE budget request for the NWRA States (\$ M) is: AZ-\$12.0; CA-\$108.5; CO-\$8.5; HI-\$33.8; ID-\$12.5; KS-\$18.9; MT-\$20.7; NE-\$15.9; NV-\$0.5; NM-\$4.0; ND-\$10.1; OK-\$60.1; OR-\$110.6; SD-\$16.2; TX-\$182.2; UT-\$0.6; WA-\$86.7; WY-\$0.0.

GOLDEN JUBILEE CONVENTION. HOTEL UTAH, SALT LAKE CITY, OCTOBER 24-28, 1982

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

50 signatures

3-23-83.

523 signatures

1. Robert M. Robbins Glasgow
2. James L. Sizer Glasgow Mt.
3. Fred Desoria Nashua Mt.
4. Elaine Lundstrom Hinsdale, Mt.
5. Beryl Peheke Glasgow, Mt
6. Kenneth Turner Nashua, mt.
7. Howard Quiring Nashua "
8. Gordon Schmid Glasgow, Mt
9. Fern R. Hopwood " "
10. Bill Runsbare " "
11. John W. Bray " "
12. Sanford DeBray " "
13. Joe Sagg GLASGOW
14. Lilla S. Winn Glasgow
15. George Morgan Glasgow
16. Walter Cuthbert Glasgow Route 1-8
17. James M. Stauffert " "
18. Ben Redikopp Luster, mt.
19. Fanny Hochhalter Glasgow
20. Barbara Stewart Glasgow
21. Jody Fundermann Glentona
22. Marcel Wesen Glasgow
23. Chandra Hand Glasgow
24. Paula K. Enkeund Tampico Rte., Glasgow
25. Rick Stetfing Glasgow

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Barney Feeney - Glasgow, MT
2. Cathy Lavatsch - Tool Peak, MT
3. Tom Miller - Glasgow
4. Charles D. Dore - Glasgow
5. Ted Miller
6. Jim Lennell
7. Thomas J. Dutz - Glasgow, MT
8. Erik Larsen - Glasgow
9. Penny Falcon - Glasgow
10. Kenneth H. Hurl - Malta
11. Babai Bishop - Malta
12. Bev Falcon - Glasgow
13. Keely McNulty - Glasgow
14. Jeff Bell - "
15. Lisa Wells - "
16. Shannon Gilmore
17. Tony Laine
18. Laura Lemmert
19. Pat Lemmert
20. Keshie Keller
21. Erin Keener
22. Keith Schroeder
23. Helen Joewo - Wolf Point
24. Laura R. Haffner - Vanoliaha
25. Linda Hummer - Wolf Point

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Curtis Knight 914 Valley View - Glasgow
2. Frances M. Legare 719 - 4th Ave No. Glasgow
3. Robert Fox Glasgow
4. James V. Kuzich 313 - 4th Ave So Glasgow
5. John F. Ball 519 6th No Glasgow
6. ~~James P. Wicks~~ 536 3rd Ave No Glasgow
7. Marjorie Boese 626 - 2nd Ave N Glasgow
8. Mack F. Finner, Turning Wheel Unit Glasgow
9. Donald O. Hughes 741 4th Ave So Glasgow
10. Bill H. Uphams Box 507 Glasgow
11. May Belle E. Fox Box 1115 Glasgow
12. Maggie A. Smith 904 4th Ave N Glasgow
13. Kent Matheson 1025 4th Ave S "
14. Jim Turnland Box 488 "
15. Leticia Druell 820 - 11th N "
16. Vic Olson Rickford.
17. ~~W. E. C. C.~~ 4017 4th Ave N Glasgow, NY
18. LeRoy E. Siefert Glasgow
19. Roy Hagen Glasgow
20. Alvin A. Cornish 4109 - 1st Ave So Glasgow
21. Flora Breckin 541, 4th Ave N Glasgow
22. Ricky Steele Box 536 Nashua
23. Elizabeth H. J. Hart 618 4th Ave So Glasgow
24. Glenn A. Mith 1115 2nd Ave So Glasgow
25. Clarence J. Peterson 708 6th St No Glasgow

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT

- | | | |
|-----|-----------------------------------|---------|
| 1. | Mabel Brazier | Glasgow |
| 2. | Paula Ross | |
| 3. | Agnes H. Smith | Glasgow |
| 4. | Hazel Smith | |
| 5. | Evelyn H. Smith | Glasgow |
| 6. | Evelyn H. Smith | " |
| 7. | Mil Bergeron | " |
| 8. | Doug Bergeron | " |
| 9. | Shirley Montgomery | " |
| 10. | Margie Clemme | Glasgow |
| 11. | Olga Boston | Glasgow |
| 12. | James M. Stuart | |
| 13. | Blanche Baerg | " |
| 14. | Mary Tottstad | " |
| 15. | Anna Mc Lennan | " |
| 16. | Eleanor Ketterling | " |
| 17. | Mabel Ketterling | " |
| 18. | Verlin Koenig | " |
| 19. | Doug Nellison | " |
| 20. | Rae Peltier | " |
| 21. | May A. Kuest | |
| 22. | Catherine Alessandro glasgow ent. | |
| 23. | T A Ture | " |
| 24. | John R. Mander | " |
| 25. | Rose Hopwood | " |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Vera Juel 21665 Glasgow
2. Lloyd Sorenson Glasgow, Mt.
3. Clarence D. Alley 723 4th Ave. N. Glasgow, Mont.
4. Helen Stein 33-5th Ave. N. Glasgow
5. Esther Sorenson 85 Heather Lane Glasgow
6. Barbara Borer Box 535 Nashua
7. Joyce Sebastian 430 4th St. SE #9 Glasgow
8. Gwen Hapstad 428 Graham Glasgow
9. Orin O'Lougherty 402 2nd Ave. So. Glasgow
10. Kenneth J. Miller RR 1-437 Glasgow
11. Evelyn Kemp Box 364 Glasgow, Mt.
12. Ona Box 889 Glasgow, Mt.
13. Helen Goddard Glasgow Mt.
14. Beulah Waller Box 479 Wolf Point, Mt.
15. Mail Combs 739 4th Ave No. Glasgow, Mt.
16. Jean Obergue Nashua Mt.
17. Agnes Sheets Ophir, Mt.
18. Verna Panther Rte 1-345. Glasgow
19. Marvin Bantel Glasgow
20. Lued B. Helle Glasgow
21. Rose Albertson Glasgow
22. Dora Keimich Rt. 1-345. Glasgow
23. Louise Christians Glasgow Mt.
24. Mary Stenswick Glasgow, MT.
25. Myrtle Schultz Denodale, Mt.

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT

- | | | |
|-----|------------------|----------------------|
| 1. | Peter Larsen | Glasgow |
| 2. | Ruth Larsen | " |
| 3. | Raymond Watterud | " |
| 4. | Mary Watterud | " |
| 5. | Dave Pecora | " |
| 6. | Carl Nyquist | " |
| 7. | JAH/10 Antyne | " |
| 8. | Ross C Dorr | Glasgow |
| 9. | John Macfarland | Ft. Peck Rte |
| 10. | Leila Maxner | H. Peck Rte, Glasgow |
| 11. | Erlyn Dorr | Glasgow |
| 12. | Hea Brubaker | " |
| 13. | Anne Burns | " |
| 14. | Astrid Vinje | " |
| 15. | Anne Bergtoll | " |
| 16. | Doris Neubauer | " |
| 17. | Greer Nephau | " |
| 18. | Ida Hoch | " |
| 19. | Wichie Jakanacki | " |
| 20. | Laimi Morkkous | " |
| 21. | Harriet Steen | Hinsdale |
| 22. | Roy Seethers | Rural |
| 23. | Nellie Swain | Glasgow |
| 24. | Rose Anderson | " |
| 25. | Marie Alexander | Nashua, N.H. |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Robert Hummer N.P.
2. William Abington Spring
3. Mary Jewell
4. Harold Amstutz
5. Greg Trickle
6. Owen Sitt GLASGOW
7. Jeff La Glasgow
8. R. J. Storker Glasgow
9. W. D. Meier Glasgow
10. John Englebert Glasgow, Mt.
11. O. M. Boor
12. Larry Stein Glasgow
13. Jerry Boor
14. Stuart C. Boor
15. A. C. Brewer
16. Marie Uegner
17. Eddie Miller
18. Earl Johnson
19. Marie Mouchouse
20. Ann Sitt
21. Mark Nelson
22. Chuck Larter
23. Howard S. Johnson
24. Ray Brumby
25. Leonard Ross

pipeline only

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT

- | | | |
|--------|----------------------|---------|
| 1. 30. | Cara Wikens | |
| 2. 31. | John Arndt | Glasgow |
| 3. 32. | Albert Brishman | Glasgow |
| 4. 33. | Lupe Kochenslofe | Glasgow |
| 5. | Walter M. Burt | Glasgow |
| 6. | Jim Mullen | Glasgow |
| 7. | Messie Piggie | Glasgow |
| 8. | John K. Mylar | city |
| 9. | Helen K. Mylar | city |
| 10. | Theo Phay | Glasgow |
| 11. | John M. Phay | |
| 12. | Hermine Donoho | Glasgow |
| 13. | Ben Albertsen | Glasgow |
| 14. | Martha Sisson | " |
| 15. | Mrs Walter N. Madson | " |
| 16. | M. A. Struble | " |
| 17. | Martha Luck | Glasgow |
| 18. | Olga Kasper | Glasgow |
| 19. | Manda DeSonia | Glasgow |
| 20. | Eunice Moen | " |
| 21. | Nellie Baerg | " |
| 22. | Mildred Ellison | " |
| 23. | C. J. (Cap) Grove | " |
| 24. | Jane A. Grove | " |
| 25. | Floyd E. Flesch | " |
| 26. | Duane Barrett | " |

I. SUPPORT THE CITY/COUNTY WATER STUDY PROJECT.

1. Roy W. Schultz Hinsdale
2. Lloyd Schurftz Hinsdale
3. David Schultz Hinsdale
4. Norman Girard Glasgow
5. Tom Pugh GLASGOW
6. Leila M Hagen Glasgow
7. Judy Reading Glasgow
8. Hubert C. Martin Glasgow
9. LaWana Grewe Glasgow
10. Myrtle Onvig Glasgow
11. Dore Brown "
12. Mary Wilson Glasgow
13. Fred R. Haulaker Glasgow
14. Lyle Twittem Gustava
15. Gene Huett Glasgow
16. Terry Palmer Hinsdale
17. John M Easton Glasgow
18. Lee Erickson "
19. Walter Padon "
20. Glenn T. Myers "
21. Nelson Hetrick Glasgow
22. Arthur Beebe
23. Kate Jasper Glasgow
24. Charlotte L. Kolstad Glasgow
25. Jeana Hozzpe Glasgow

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. ~~Carl~~ Carter Box 362 Hinsdale, Mt.
2. Harvey Fehlhaber Glasgow mont
3. ~~Marla J.~~ DE Dobbeleer 14 PECK, MT. 59223
4. ~~Est~~ Faulken Glasgow, Mt. 59230
5. Marie Siler 78 peck Route
6. Sue Derrybury Glasgow, Mt.
7. Pat Borden Fox 126 St Peck, mt.
8. Lynne Nyquist Glasgow, Mt
9. ~~Lynn~~ Welch Glasgow Mt.
10. Hanson Bailey Jr. Box 743 " "
11. Arnold Breithjorn 541-4th Ave. Nw Glasgow
12. Ann M. Shanks. Glasgow, MT.
13. Shirley M Siefert Glasgow Mt.
14. Norma Lee Glasgow, mt.
15. Tracy Wilfong Glasgow, Mt.
16. Stacey Gutierrez Glasgow, Mt.
17. Ed Markle Glasgow Mt
18. Dick Markle GLASGOW, MT.
19. ~~Carl~~ Markle Glasgow, mt.
20. Beverly D. Komrosky Glasgow, mont.
21. Brenda Kamala Glasgow, Montana
22. Janda Maehoue Glasgow MT
23. Vanell Muepoun GLASGOW MT
24. ~~John P.~~ Smith Glasgow, MT.
25. Daniel D. Suter Glasgow MT

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Jim Smuin Glasgow, Mont
2. Dean Derryberry #5 Jet Drive
3. Charles M. Sailer Glasgow
4. Ronnie Korman Valley Co. Saco, MT
5. Edman Johnson 920 Jet Drive - Glasgow
6. Mary Ann Berman 615 6 St. So. Glasgow
7. Alfreda Arable Hinsdale
8. Miller W. Kuzick 313-4 Ave So. Bx⁵⁴⁵
9. Walter Hixton Box 186 Glasgow
10. Gerald Asprey Glasgow
11. Douglas R. Rice 430 4th St. S. #6
12. Ben L. Wedel Valley Co. Wolf Point, Mont
13. Terry Korman Valley Co. Saco, Mont.
14. Timothy E. Braat Valley Co. Nashua MT.
15. Doris Munson Glasgow, Mont.
16. John Sica 304 521 Valley Co. Glasgow, Mont.
17. George Larson Helena
18. Frank A. Hopwood Glasgow
19. David C. George Glasgow, Mont.
20. Howard K. Cornwell Hinsdale Mont.
21. Leonard L. Sistrup Glasgow, MT.
22. Roger A. Smith 909 - 4th Ave N Glasgow, MT
23. Roy E. Johnson Camas Glasgow, MT.
24. A.D. Wilson RT 1 - 652 " "
25. Mike Fry (Bayer) Hinsdale
26. Rick Greaser Nashua

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Erick Karki Thinsdale, Mt.
2. Agnes K. Hestetad Glasgow Mt
3. Harold Hestetad Glasgow Mt
4. Shirel Montzomery Glasgow mont
5. Dixie Faust Glasgow, "
6. Reuben Schabosky Glasgow
7. Agnes L. Benson "
8. Hazel Freestone "
9. Sylvia Stathos glasgow
10. Sylvia Hendrickson Glasgow
11. Pearl Fenzill Allen Glasgow
12. Agnes Cook Glasgow
13. Fred Leback
14. John Perry on the Hill
15. Hazel Fuki
16. Ted Brown
17. Addie Johnson Glasgow
18. (Mrs Edward Johnson)
19. Pearl Schmidt "
20. Virgil Schmeigert
21. Lude J. Blige
22. Walter R. Anderson Glasgow.
23. Paul Peterson "
24. Paul Magruder ✓
25. Harry Benson ✓
26. Tom Beauchman ✓
27. Mildred Beauchman ✓
28. L. B. T. ✓

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

- | | |
|-------------------------------|----------------|
| 1. Bill Morhaus | Glasgow, Mt |
| 2. T.E. Leatherby | Glasgow, Md |
| 3. Forrest Cobb | Glasgow, Mont |
| 4. Philip R. Mitchell | Glasgow, Mont. |
| 5. John F. Newbirk | Glasgow, Md. |
| 6. Andy Bissett | Glasgow, Mt. |
| 7. Della Hallack | Glasgow, Mt. |
| 8. Ward S. Kellogg | Glasgow, Mt |
| 9. Marleen R. Kellogg | Glasgow, Mt |
| 10. Maurice C. Cray - Boy 771 | Glasgow, Mt. |
| 11. Johnnie Bell | Glasgow |
| 12. Mildred Sontag | Glasgow |
| 13. Bill Franzen | Glasgow |
| 14. Mrs. Wm. Franzen | Glasgow, Mt. |
| 15. Gay Armon | Glasgow, Mont. |
| 16. Flora Carpenter | Glasgow. |
| 17. Lydia Baxter | " |
| 18. Julia Vergote | " |
| 19. Luella Helgeson | " |
| 20. Maecde Potts | Glasgow |
| 21. Melba Lee | Glasgow |
| 22. Ben Dean | " |
| 23. Herman Gunthe | Glasgow |
| 24. Daisy Leeseberg | Glasgow |
| 25. Dorothy B. Sanders | Glasgow |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

Name	Address
1. Kenneth R. Sanders	Ridland, mt.
2. Charlotte Lewis	Glasgow
3. Carl West	"
4. Anona West	"
5. Forrest Cole	"
6. Rose Walker	"
7. Ted Samuel	"
8. R. W. Dornum	"
9. Elmyr Dornum	"
10. H. J. Hughes	"
11. Pete Cypreski	"
12. ^{Thelma} Peggy Cypreski	"
13. Ashlin Stenson	"
14. Gladys Stensland	"
15. Helena Stensland	"
16. Anna E. Leedham	"
17. Stella Piper	Glasgow, mt.
18. Helen Tholeon	Glasgow mt.
19. Bessie Beatrice Kusshee	"
20. Lone Hillman	
21. Inga Long	
22. Francis Denton	Glasgow mt.
23. Betty McNamee	
24. Winnie E. Olsen	
25. Del A. Jarrell	Glasgow mt.
26. Thelma With	
27. M. A. Kinnison	

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

- | | |
|-------------------------|------------------|
| 1. Fila Lucetta Vaughn | Glasgow |
| 2. Rudy M. Williamson | |
| 3. Nancy J. Eggleton | |
| 4. Jamie L. Lignes | |
| 5. Dorothy Speer | |
| 6. Helen Hunter | |
| 7. Margaret Thomas | |
| 8. Marwin H. Grant | |
| 9. Olga Grant | |
| 10. Stella Rosenwald | |
| 11. Donna Pennick | |
| 12. Johnnie Bell | |
| 13. John Partidge | |
| 14. John C. Eggleton | |
| 15. Rose Walker | |
| 16. Arona West | |
| 17. Earl West | |
| 18. Charles Koch | |
| 19. Burton Ashbrook | |
| 20. Glenice Boyon | |
| 21. Anna Longum | Glasgow, Mo. |
| 22. Ruth Cool | Glasgow Mont |
| 23. Mathilda J. Schultz | Glasgow, Montana |
| 24. Ragna S. Hellebrand | Glasgow Mt. |
| 25. Theresa E. Brost | Glasgow, Mt. |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Adeline H. Mitchell 402 2nd Ave. S. ^{apt 2} Glasgow 59230
2. Elsie Beck 324 W Court Glasgow
3. Christine Padgett Glasgow
4. Cordia Metcalf - 1117 3rd Ave. S. Glasgow, Mont. 59230
5. Jack Beck 324 W Court Glasgow 59230
6. Danielle Anderson Glasgow
7. Robert Elfring Glasgow
8. Loretta Myhre 735-7 Ave. N Glasgow
9. Philip R. Mitchell 402 2nd Ave. S. Glasgow, MT 59230
10. W H Padgett Glasgow
11. Lyle Myhre 735-7 Ave. N Glasgow
12. Marlene Zinner Glasgow
13. Marcella R. Fiering Glasgow
14. Mary Jane Glasgow
15. Mary Lee Cornell Glasgow
16. R. Scott Sullivan Glasgow
17. Wm R Wagenbach GLASGOW
18. Audrey Marchant - 619-5th Ave. So. - Glasgow
19. John Miller - 435 4th St. No. - Glasgow
20. Marguerite A Miller - 1115-2nd Ave South Glasgow
21. M. Schell Glasgow
22. Mrs. Robert Pittenger Glasgow- 6th Ave. South
23. Lander Waller Box 479 Wolf Point Mont.
24. ~~James Anderson~~ R-1-467 Glasgow, Mt.
25. Charles V Gushroy Box 807 Glasgow

I SUPPORT THE CITY/COUNTY WATER STUDY PROJECT.

- | | | |
|-----|-------------------|----------------|
| 1. | Larry Repp | Glasgow mt |
| 2. | Rhoder Beardsley | Glasgow mt |
| 3. | Alanna O'Brien | Glasgow mt |
| 4. | Jeff Anderson | Glasgow, Mt. |
| 5. | Orin Caves | Saco mt. |
| 6. | Nanci Schenfelder | H. Peck, MT |
| 7. | Kenneth Scott | Glasgow mt |
| 8. | Pam Ahmad | Glasgow Mt. |
| 9. | Bryan Erickson | Glasgow, Mont. |
| 10. | Michael J. Tolson | Ophir mt. |
| 11. | Joan Johnson | " Mt. |
| 12. | Mike McKee | H. Peck MT |
| 13. | Mike Robinson | Saco Mt. |
| 14. | Craig Robinson | Saco, Mt. |
| 15. | Ray L Brandt | |
| 16. | Margaretson | Glasgow |
| 17. | Dyle Erickson | Saco |
| 18. | Dale Mordness | Glasgow |
| 19. | Jane H. Wigan | Glasgow |
| 20. | Carl Shepherd | H Peck, MT |
| 21. | Robert A. Boyd | H. St. Alb. |
| 22. | Wina Lundson | Glasgow, MT |
| 23. | Paul A. | GLASGOW MT. |
| 24. | Joan Kamala | " " |
| 25. | Chad L. Sted | St Albans |
| 26. | Stephen J. Van | Glasgow |
| 27. | W. Beck | Glasgow. |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. John S. Lundstrom Hinsdale, Mt.
2. Gyl Shipp GLASSGOW, MT.
3. Anne Albie - Glasgow, Mt.
4. Andrew J. Benette Glasgow, Mt.
5. Bill Blankenship WASHUA, MT.
6. Jim McIntyre Glasgow
7. Ray Campbell Glasgow
8. Linda Wyson Glasgow
9. Marvin Tamm Richland

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Harold J. Byen Washua
2. H. Peck Ft. Peck
3. Richard E. Adams Ft. Peck
4. Craig E. Nemeth GLASSGOW
5. Charles Pryler Glasgow
6. Mike Fisk Glasgow
7. Peggy S. Bible Glasgow
8. Steve Klessens Ft. Peck
9. Tim Soaner Glasgow
10. Steve Hartman Ft. Peck
11. Dennis Boucher Hinsdale
12. Roberta Boucher Hinsdale
13. Andrew G. Hillstrom Hinsdale
- 14.

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

- | | | | |
|-----|-------------------|------------------|----------|
| 1. | Larry L. Regare | for
Pipe line | Glasgow |
| 2. | Samuel M. Jew | | " |
| 3. | Marvin H. Olson | | " |
| 4. | Alfred J. Smith | | " |
| 5. | Ray Ann Jackson | | " |
| 6. | Michael C. Larson | | " |
| 7. | Don Burgess | Pipe line | Only " |
| 8. | Robert H. Jackson | | " |
| 9. | Brent Magill | Pipe line | only & " |
| 10. | Thomas L. Howe | " | " |
| 11. | Inger Wolden | Pipe line. | " |
| 12. | Jacob DeBray | Pipe line | " |
| 13. | E. H. Smith | Pipe line only | " |
| 14. | Walter Ziller | | " |
| 15. | Mike Boyer | Pipeline | " |
| 16. | Abie Susan | Pipeline | " |
| 17. | Margaret Stork | | Glas |
| 18. | Uelva Collins | | " |
| 19. | | | |
| 20. | Tenz Stork | | " |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

Name

Address

1. Steve Hansen

2. Ed Smith

Box 447

"

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Elmer D. Gelchurst 36 Knapp, Glasgow Pipe Line only
2. James W. Kourty Box 223 Glasgow
3. Lang Fisher 66 Kerkira Lane Glasgow, MT
4. Craig A. Gelchurst 504 10th Ave No. Glasgow (Pipe Line only)
5. Typpace K. Solé Glasgow, MT
6. R. W. Damston 834 6th St No. Glasgow, MT. (Pipe Line)
7. E. D. Northrup Rte 1-255 Glasgow, MT.
8. E. E. Rottenier Box 903 Glasgow Mont
- 9.
- 10.
- 11.
- 12.
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- 24.
- 25.

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Ernest W. Nilson 52 Aberdeen Glasgow
2. Nelene Ann Hallberg Hi Line Town #76 Glasgow
3. Roger C. Larsen 916 10th Ave N Glasgow
4. Robert J. Teeple 604 3rd Ave. No. Glasgow
5. Donald L. More 40 cloud Glasgow
6. Robert K. Dorman 607 3rd Ave N. Glasgow
7. Idella Mott 420 4th Ave N. Glasgow
8. Donald F. Stegmann 128 Bonnie Glasgow
9. Donald L. Dune 31 Angus Glasgow
10. Becky Drabofsky Box 247 Malta MT 595
11. Betty Lou Coz 52 Bonnie Glasgow, Mt
12. Pat Peters 61 Aladdin Glasgow, Mt
13. Lonie W. Shumway 71 Loman d Glasgow, Mt.
14. Katherine L. Risher Box 965 Glasgow, Mt
15. Mary Patricia Baker 10 Angus Glasgow, MT
16. Robert A. Baxtal 68 Kanyler Glasgow, MT
17. Frances J. White 325 - 4th Ave. N. Glasgow, MT
18. Judy Hueth 518 4th Ave. N. Glasgow, MT.
19. Tony Leonard 540 6th Ave N GLASGOW,
- 20.
- 21.
- 22.
- 23.
- 24.
- 25.

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

- | | | |
|-----|----------------|---------|
| 1. | Gordon Schmid | Glasgow |
| 2. | Jan Oriet | ' |
| 3. | Dory Rath | ' |
| 4. | Sam Gahan | ' |
| 5. | Dennis Idler | ' |
| 6. | Doug Elor | ' |
| 7. | Pat Tanker | ' |
| 8. | Linda Sundley | ' |
| 9. | John Wilkowski | ' |
| 10. | Doraine Manall | ' |
| 11. | Sandra Oss | ' |
| 12. | CBachtold | ' |
| 13. | Lillian Bros | ' |
| 14. | Gertrude Gere | ' |
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| 25. | | |

I SUPPORT THE CITY-COUNTY WATER STUDY PROJECT.

1. Paul Elkerson

Glasgow

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RE: HB-597

MARCH 23, 1983

MR. CHAIRMAN, MEMBERS OF THE APPROPREATIONS COMMITTEE:

- 0 I AM MANSON BAILEY JR., EXECUTIVE DIRECTOR OF THE VALLEY COUNTY DEVELOPMENT COUNCIL, AND A MEMBER OF THE CITY-COUNTY WATER COUNCIL. TESTIFYING AS A PROPONENT FOR HB-597 WHICH WOULD, AS STATED, APPROPRIATE FUNDS FROM THE RESOURCE ENDEMNITY TRUST FUND TO ASSIST AS A PORTION OF THE FUNDING IN DRAFTING A SMALL PROJECT LOAN APPLICATION TO THE BUREAU OF RECLAMATION. THIS FOR A PROPOSED MULTIPLE USE WATER PROJECT WITH THE FORT PECK LAKE AS THE WATER SOURCE, BY GRAVITY FLOW. (TO BE COVERED IN TESTIMONY BY OTHERS.)
- 0 MY PORTION OF THE TESTIMONY WILL BE DIRECTED TO THE CITY OF GLASGOW WITH GERNERAL REMARKS TO THE OVERALL PROPOSAL.
- 0 SITUATION: THE CITY OFFICIALS AND THE RESIDENTS HAVE BEEN AWARE FOR MANY YEARS OF THE RESTRICTIVE WATER SUPPLY SITUATION WHICH THEY ARE FACED WITH AND WHICH ^{IS} EVIDENCED IN THE CITY'S COMPREHENSIVE PLAN. OVER THE YEARS CONSIDERABLE FUNDS HAVE BEEN EXPENDED IN SEEKING EXPANSION OF THE PRESENT WELL SOURCES OR ALTERNATIVE SOURCES. SOME OF THESE ARE LISTED IN EHIBIT-A OF THE COPIES OF THIS TESTIMONEY WITH EXPLORATION STARTING IN 1951-52. WITH ADDITIONAL EXPLORATIONS IN 1974-75. NEITHER OF THESE REVEALED EXPANDING THE SUPPLY

AQUIFER. OTHER WATER RELATED PROJECTS ARE ALSO LISTED TO SHOW THE EFFORTS PUT FORTH IN SUPPLYING WATER FOR THE MANY NEEDS OF A MUNICIPALITY. THIS INCLUDES THE ADDITION OF A MILLION GALLON WATER STORAGE TANK IN 1979.

- * THE AQUIFER IS CONFINED TO A SMALL AREA. SEE EXHIBIT B, MAP SHOWING LOCATION OF SUPPLY WELL WHICH CAUSES AN OVERLAPPING OF THE PUMPING CONE.
- * THE AQUIFER DRAWDOWN WAS AGRIVATED BY THE YEARS OF DROUGHT, 1979-80-81. -LARGE EXHIBIT AT HEARING.-
- * THE CITY HAS A 3 PHASE EMERGENCY PLAN WHICH HAD TO BE IMPLEMENTED .
 1. VOLUNTARY CONSERVATION.
 2. -NO PUBLIC IRRIGATION WATERING (CITY PARKS, ECT.).
-RESIDENTIAL, HANDWATERING IRRIGATION OF LAWNS, GARDENS, AND FLOWERS.
 3. RESTRICTION ON ALL IRRIGATION WATERING. THIS HAS BEEN REACHED TWICE.

0 IRRIGATION PROPOSAL OF PROJECT.

- * WOULD GIVE SUPPLIMENTARY SUPPLY TO THE DOWN STREAM PORTION OF THE GLASGOW IRRIGATION DISTRICT WITH POSSIBLE ADDED LANDS IN THE VALLEY.
- * THE GLASGOW BENCH WOULD OPEN UP NEW LANDS TO IRRIGATION. ORIGINALLY A PART OF THE PICK-SLOAN PLAN AND NOW INCLUDED IN THE MISSOURI BASIN'S INVENTORY OF IRRIGABLE LANDS.

PAGE 3

0 THE PICK-SLOAN ORRIGINAL SURVEYS IN 1938-39 FOR IRRIGATION
FROM FORT PECK LAKE, WITH CONSIDERABLE ADDITIONAL WORK IN
PLANNING 1944, 1967, 1978. THESE ARE NOW MORE FEASIBLE
WITH SPRINKLER IRRIGATION.

THANK YOU,

MANSON BAILEY JR.

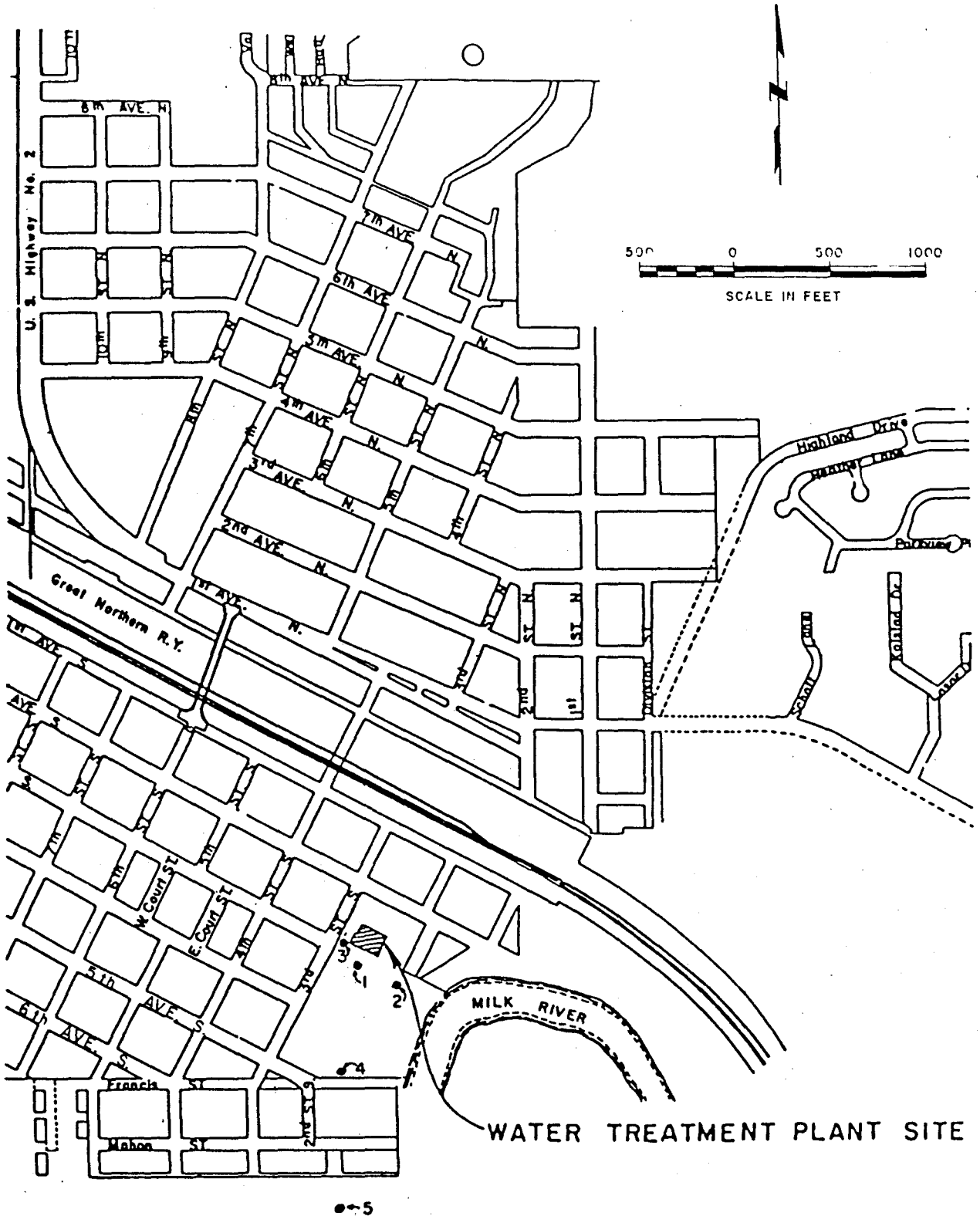
WATER WELL EXPLORATION DRILLING

1951 - Layne Minnesota Co. - Cherry Creek	Pd.	\$2,004.95
1952 - Layne Minnesota Co. - Cherry Creek	Pd.	\$1,448.05
1974 - Billmayer Inc. - Glasgow area	Pd.	\$6,320.00
Thomas, Dean & Hoskins Eng.	Pd.	\$1,351.89
1975 - Hickel & Took Drilling - Glasgow Area	Pd.	\$4,773.78
Thomas, Dean & Hoskins Eng.	Pd.	\$2,093.25

Does not include Engineering Costs

OTHER MAJOR WATER PROJECTS

1980	Renovation of the City Water Wells 1, 2, 3 and 5 to Layne Company	\$ 21,748.04
1979	High Level Water Improvement District, One million gallon water storage, Total cost of project	\$962,537.00
1978	Renovation of Water Well #4, Layne Company	\$ 10,305.25
1978	Rebuilt filterbeds No. 1 and 2 in the Water Treatment Plant Cost of Materials (Labor not included)	\$ 15,074.00
1976	Constructed Water Well #5, pump house and transmission line	\$ 99,104.12
1981	Established new offset for abandoned No. 1 well	\$ 55,098.00
1974	Area wide water plan updating of portion of Comprehensive plan	\$ 3,900.00
1980	Thomas-Dean and Hockins study for alternative water supply	\$ 9,300.00
1981	City Portion of joint irrigation and a city water supply County Portion	\$ 7,200.00 \$ 10,800.00
1982-83	City portion of drafting application to Bureau of Reclamation County Portion	\$ 10,000.00 \$ 15,000.00



GLASGOW, MONTANA

CITY WELLS LOCATION MAP

#8

HC597

House Appropriations Committee
State Capitol
Helena, Mt. 59624

Honorable Representative:

The enclosed letter to the person who has spear-headed the efforts for the Fort Peck diversion project was sent nearly two months ago. I have never received a reply.

Please be advised that there are other landowners like myself who have reservations about the viability of this project.

Sincerely,

Shirley Ball

Shirley Ball
Nashua, Mt. 59248
406-785-4731

3-23-83
p.m.

Mr. Martin Connell
404 4th Ave No.
Glasgow, Mont. 59230

Dear Marty,

I had hoped to hear from you by now with answers to the questions I had raised when I spoke to you on the phone a few weeks ago about the proposed water project. By experience, I know it is hard to answer questions that have come by phone, so I will repeat the questions in a letter, and hope to hear from you soon.

If you remember, I had a number of areas of concern about the project. First, some of our land is already under an irrigation project, and we pay taxes and water charges on that. The lady in the information booth at the courthouse said we would have to pay the additional charges of the new project on this land, too. As I told you in our conversation, I can't see any fairness on this. Is this still the plan?

Another concern is in regards to drainage. Of course, drainage will be necessary, and since it is not included in the plan, this will add considerably to the cost of the project.

I guess that the expense of the project to the landowner is my biggest concern. In addition to the per acre price of the water and the main project, we would have the expense of putting in the laterals to bring water to our individual farms, and the cost of bringing power lines to the pumping sites. I have seen the figures that show equipment costs, and I have seen the figures of comparison of irrigated and dryland farming, but, by our own farming experience, I don't think they are complete, and I have serious doubts about the cost effectiveness of the project.

There are some other things I wonder about. According to the Upper Missouri River Basin Cooperative Special Study for Valley County #11, there were some acres of sandy and saline loam that were not fit for irrigation due to the possibility of a saline seep problem. Yet, they are in the current project. If these acres ~~have~~ to be omitted, would that acreage cost have to be averaged into the remaining acres? This than, would again increase the cost of the project.

Page two

Mr. Martin Connell

I hated to miss the meeting you had scheduled. As I had told you, I had a previous committment, but my husband did attend. It was too bad that the agency people could not be there, but as long as that happened, I hope to be able to make it if you reschedule with them.

I have talked with a number of other farmers about the project, and they share my concerns. We don't want to be negative, but we are being asked to pay an awfully large part of the project, and I guess everyone would agree that we have to be concerned when our money is being spent.

Hoping to hear from you soon.

Sincerely,



Shirley Ball

Nashua, Montana

cc; Rep. Ted Schye
Sen. Mark Etchart
Rep. Duane Compton
Sen. Swede Hammond
Gov. Ted Schwinden
Glasgow Chamber of Commerce
Mt. Water Development Assoc.

MEMORANDUM

TO: Members of the House Appropriations Committee
FROM: Concerned Valley County Landowners
DATE: March 23, 1983
RE: House Bill 597

In your deliberations on House Bill 597, please take into consideration the concerns of the citizens whose names are affixed to the enclosed statement.

We have serious doubts about the cost effectiveness and feasibility of the project. To this date, we do not feel our concerns have been adequately addressed by the proponents of the project.

We thank you for your attention to our concerns.

WE, THE UNDERSIGNED, AS LAND OWNERS, AGRICULTURE PRODUCERS AND TAXPAYERS IN
 THE EFFECTED AREA OF THE DIVERSION PROJECT FROM FORT PECK RESERVOIR TO THE
 CITY OF GLASGOW HAVE GRAVE CONCERNS AS TO THE TREMENDOUS FINANCIAL BURDEN
 THIS PROJECT WOULD PLACE UPON US.

1	Patsy Reimsch	Nashua
2	Shirley Ball	Nashua
3	Rock Onate	"
4	Joyce Hill	"
5	Bertrude T. Higgins	Glasgow
6	Thora Watson	Glasgow
7	Merley Ball	Nashua
8	Amarlys Westminster	"
9	Joe Westminster	"
10	Genevieve Stinner	Glasgow
11	Carlton W. Benink	Nashua
12	Dale M. May	Glasgow
13	Sever L. Kerpner	Glasgow
14	Carl Hill	"
15	Loris May	"
16	Franklin L. Leland	"
17	Robert Hansen	"
18	James L. Pickett	Nashua
19	Wm. J. Pickett	"
20	James H. Pickett	"
21	John H. Pickett	"
22	John H. Pickett	"
23	John H. Pickett	"
24	John H. Pickett	"
25	John H. Pickett	"
26	Patricia A. Macmillan	"
27	Ronald A. Macmillan	Nashua
28	Ronald A. Macmillan	Nashua
29	Leah R. Macmillan	Fort Peck
30	Harry Macmillan	Fort Peck
31	Francis J. Macmillan	"

Irrigators seek power at Tiber dam

#10
3-23-83
pm



Bus line owner Dean Hatvig and attorney
in rear of photo, along with local bus line
manager.

n voice

The irrigation districts which line the Milk River from Havre to Nashua are attempting to win the right to develop a hydroelectric project at Tiber Dam, which is located southwest of Chester.

Members of the Malta Irrigation District, attending a special meeting last Friday night, Nov. 12, voted unanimously to proceed with hiring engineers and attorneys to complete and submit a license application to the Federal Energy Regulatory Commission to develop the power project. The irrigation districts will be competing with a license request already filed by another group. The competing group is composed of a cooperative which includes the city of Chester, Liberty County and a New York based investment firm called Montana Renewable Resources.

It was the fear of an out-of-state investment group gaining control of the water flowing from Tiber Dam, as well as the possibility of being able to sell power to finance needed expansion of the irrigation system on the Milk River, that led the members of the Malta Irrigation District, the largest of the districts on the Milk River Project, to give overwhelming support to filing for the right to develop the hydroelectric project.

According to statements made at the meeting, the hydroelectric potential at Tiber Dam is perhaps the best in the region. Robert Madsen, Billings, state coordinator for the planning division of the U.S. Bureau of Reclamation, and Derwood Mercer, planning coordinator for the states of Montana and Wyoming, attended the meeting to answer any technical questions on the project that members of the irrigation district might raise. The Bureau of Reclamation was not advocating filing for the license, the audience was told, but attending in an advisory capacity.

"There is going to be a project, whether private or public or a combination," Madsen said.

The members of the Malta District were told that the commissioners of the eight irrigation districts in the Milk River Project had met in Glasgow the week before to discuss the potential of the hydroelectric development.

"We didn't realize the possibilities we had in the development of this project," Mark Etchart, a commissioner for the Glasgow Irrigation District and a state senator, said. He said that the commissioners feared that if a group which was primarily interested in generating electricity for profit controlled the project, water which is needed for the water-short Milk River valley might be used only for generating power. He characterized Montana Renewable Resources as an out-of-state investment firm whose primary concern would be "turning the turbines and making a profit," where the irrigation districts would be concerned with making a profit as well as using the water which produces the power for agriculture. Revenues generated by hydropower would be recycled to help finance irrigation projects just as the water would have a dual use, he said.

"It can have a lot to do with future financing of irrigation projects on the Milk River," Etchart predicted.

"It takes the backing of the irrigation districts to put the financing together," Etchart said.

Irrigators will risk about 50 cents per irrigated acre, or \$50,000, to hire attorneys and engineers to develop plans for the project and seek the license. The irrigators have 120 days to develop the plans and submit them to the Federal Energy Regulatory Commission, which will decide which plan merits approval. Approval will depend on which scheme will produce the most power at the least cost.

(Cont. on 2)

tuaries

win Grabofsky
 died Sunday, November 14, 1982, at the
 lengthy illness.

Capman, to John and Lydia Grabofsky. He
 School northwest of Loring. He farmed with
 Sunnyslope area. He married Doris Doney
 cook at Stine's Nite Club at Malta for nine
 school in Toledo, Ohio, in 1967. He was then
 managed the meat department for several

Malta; two son, Edwin Dan of Sidney, and
 Cathryn Nissen and Grace Grabofsky,
 Grabofsky of Billings; two brothers, Chris and
 Carlson.

Wednesday, Nov. 17 at 2 p.m. at the Adams
 Simonson of the Malta Lutheran Church
 the Malta Cemetery.

Record

Deaths
 Malta, at the Phillips County Hospital.

MAX.	MIN	PREC.
47	20	
39	17	.01
22	-5	T
26	6	
42	1	
43	14	
37	13	

15.11
 9.27

Forecast —
 is predicting colder weather with periods
 Sunday.
 will be cooling to 25-35 degrees by

spital

- Dismissed
- Nov. 9: Dixie Moore, Malta.
 - Nov. 10: Forrest Kester, Malta.
 - Nov. 11: Mrs. Rocky Tullerson, Malta; Harold Roeticher, Souris, N.D.
 - Nov. 12: Robert Olson, Malta; Freda Moeby, Malta; David Crowder, Malta.
 - Nov. 13: Margaret, Malta.
 - Nov. 14: John, Malta.
 - Nov. 15: John, Malta.
 - Nov. 16: John, Malta.
 - Nov. 17: John, Malta.

IRRIGATORS/ from 1

The city of Gillette, Wyo., is also studying the possibility of applying for the license to build a hydroelectric plant. It was the amount of outside interest which caused the commissioners to approach members of the largest irrigation district on the Milk River to discuss the proposal before proceeding.

"We had a meeting at Glasgow with the boards of all the districts," Etchart said. "It's within the power of the board to do it. But we want to know how the irrigation members feel."

After several questions were raised and answered, and discussion from the group, the members unanimously approved the concept. About 50 persons were present.

Etchart stressed that the matter being considered had no direct connection with the proposed Lake Elwell to Fresno Reservoir canal project which is being studied as a means to increase water supply for Milk River irrigators. But he said that it was feared that if a group concerned with agricultural needs obtained control of the hydroelectric project, needs of irrigators might be scuttled.

"We're in a water-short situation in the Milk River valley about five years out of 10," Etchart noted. "We're looking at a decreasing water supply when we're short of water about half the time right now. The fact that Tiber Dam was built and is sitting there with all that water is really an opportunity."

Tiber Dam, a federal project, was constructed in the early 1950s as an irrigation project, but the water collected there has never been put to use. The resulting Lake Elwell holds 1.5 million acre-feet of water, as compared to about 120,000 acre-feet in Fresno Reservoir near Havre, or the 60,000 acre-feet impounded by Nelson Reservoir near Malta. Fed primarily by the Marias River, the lake has long been coveted by irrigators seeking additional water for the dry lands along the Milk River. A study on the feasibility of constructing a canal from Lake Elwell to Fresno Reservoir has been underway for some time, and is expected to be completed in preliminary form by the end of the month. The irrigation districts along the Milk River have been trying to obtain water from Lake Elwell for about 20 years.

Other topics that will be addressed at the conference include water resources programs, interstate - international water issues, coal slurry pipelines, the state's adjudication process, the role of the federal government in funding future water development, the Missouri River Basin Conflict and Montana's strategy in dealing with the controversy.

Keynote speakers include Gov. Ted Schwinden; South Dakota Gov. William Janklow; Garrey Carruthers, assistant secretary for land and water, Department of the Interior, Washington, D.C.; Judge W.W. Lessley, Montana's chief water judge; Paul Wehr, University of Colorado; and Gary Fritz, director of the Montana Department of Natural Resources and Conservation.

The conference is sponsored by the Montana Water Resources Research Center, Cooperative Extension Service and Montana State University, with cooperation from DNRC, the Montana Department of Health and Environmental Sciences, Environmental Quality Council and several other private and public entities.

All sessions will be held in the Colonial Inn in Helena, and registration must be made by Nov. 22. For more information, or to pre-register, send name, address and the organization being represented to Howard S. Peavy, Montana Water Resources Research Center, 207 Montana Hall, MSU, Bozeman, Mont. 59717.

Adult ed

An adult class will be held at the shop starting Tuesday and 10 p.m.

Bill N. instructor. tion, call M 654-1331.

Christmas

A social merchants Roger's Salo at 5:30 p.m. meeting, h Security Ba the Christr promotion.

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SUMMARY REPORT

TIBER DAM POWER PROJECT

MALTA IRRIGATION DISTRICT

ZURICH IRRIGATION DISTRICT

HARLEM IRRIGATION DISTRICT

DODSON IRRIGATION DISTRICT

GLASGOW IRRIGATION DISTRICT

FORT BELKNAP IRRIGATION DISTRICT

PARADISE VALLEY IRRIGATION DISTRICT

ALFALFA VALLEY IRRIGATION DISTRICT

STATE OF MONTANA

TUDOR ENGINEERING COMPANY

DENVER, COLORADO

DECEMBER, 1982

TIBER DAM POWER PROJECT

INTRODUCTION

The Malta, Glasgow, Dodson, Fort Belknap, Zurich, Harlem, Paradise Valley, and Alfalfa Valley Irrigation Districts of the State of Montana (collectively, the "Irrigation Districts") propose to develop and operate a hydroelectric project at the Tiber Dam at the eastern end of Lake Elwell in Liberty County, Montana. The proposed project, to be known as the Tiber Dam Power Project, would directly compete with the proposed Lake Elwell Hydroelectric Project No. 6432 at the Tiber Dam for which a license application under the Federal Power Act has been filed by the County of Liberty and Town of Chester, Montana, and Montana Renewable Resources. There are presently no hydroelectric facilities located at the Tiber Dam.

EXISTING FACILITIES

Location

Tiber Dam and Lake Elwell, the multi-purpose reservoir created by the dam, lie on the Marias River, a major tributary of the Missouri River. The reservoir provides flood control, irrigation, recreation, and water supply, and the reservoir releases support fish and wildlife, conservation, and water quality. The reservoir reaches into Toole County to the west, extending twenty-five miles along the Marias River Valley. The proposed project site is located about sixty-five miles above the confluence of the Marias and Missouri Rivers, about seventy miles south of the Canadian border, and eighty miles north of Great Falls, Montana. Chester, situated nineteen miles northeast of the project site, is the nearest town. The Tiber Dam, Lake Elwell and all lands within the proposed project are owned by the United States and operated and administered by the U.S. Bureau of

Reclamation (USBR). A general area map of the project site is shown on Figure 1.

The Dam

The Tiber Dam was authorized for construction by the Flood Control Act of December 22, 1944, as part of the Pick-Sloan Missouri Basin Program. The dam was constructed during the early 1950's and has undergone modifications since that time. Major modifications to the dam over the past 15 years, have included the addition of an auxiliary outlet works through the left abutment, reconstruction of the spillway and raising the height of the dam by five feet.

Tiber Dam is a zoned earthfill dam consisting of an impervious central core, a semi-pervious intermediate zone and a pervious shell. The 3:1 upstream face is protected by a three-foot thick layer of riprap. The downstream face is sloped at 2.25:1 with a ten-foot wide berm for every 30 feet of elevation. As modified by the five foot increase in height, Tiber Dam has a 30 foot wide crest at elevation 3,026 feet, msl and is 4,526 feet long. A six-foot diameter steel-lined conduit serves as the river outlet works with its downstream invert at elevation 2,924.93 feet, msl. An earthfill dike, with crest elevation 3,026, msl, closes a low saddle beginning about one mile southwest of the right abutment. The dike is approximately 16,650 feet long and 61.3 feet high at its maximum section. The spillway, as modified, is controlled by three 38-foot high by 22-foot wide radial gates. Capacity of the concrete overflow structure is 68,470 cubic feet per second at the maximum reservoir pool elevation of 3020.2 feet msl. The spillway crest is at elevation 2,975 feet, msl.

Auxiliary Outlet Works

The auxiliary outlet works was originally constructed in 1968 as a flood mitigating structure for use during the rehabilitation of the spillway. The auxiliary outlet tunnel is a 10.75 foot diameter concrete-lined structure controlled by a 7.25-foot by 9.25-foot high pressure gate located near the upstream end. Discharge is non-pressurized downstream from the gate. The gates for the canal outlet works are left permanently open. Intake is through a trashrack structure at the left abutment, and outflow is through the 1,600-foot long works discharging into a concrete hydraulic-jump stilling basin. Maximum discharge capacity is 4,240 cubic feet per second at maximum reservoir elevation 3020.2 feet, msl.

Lake Elwell

The reservoir impounded by Tiber Dam, Lake Elwell, has a maximum capacity of 1,368,158 acre-feet at elevation 3012.5 feet, msl. Water is stored along approximately twenty-five miles of the Marias River and about 21,300 acres of land are inundated by the lake at the normal maximum surface elevation of 3005.5 feet, msl. The reservoir contains sufficient dead storage to impound the entire silt load of the river for several hundred years. Storage and operating levels are as follows:

<u>Allocation</u>	<u>Elevation (feet, msl)</u>	<u>Capacity (acre-feet)</u>
Dead Storage	Streambed to 2870.0	21,582
Inactive Storage	2,870.0 to 2,966.4	556,043
Active Conservation	2,966.4 to 2,993.0	389,695
Flood Control	2,993.0 to 3,012.5	400,838
Total Storage Capacity (without surcharge)		1,368,158

The drainage area of the Marias River Basin at the damsite is 4,923 miles. the average annual runoff is 682,000 acre-feet and about 80% of the runoff normally occurs between March and August.

PROPOSED PROJECT STRUCTURES

General

The proposed hydroelectric facility will have an installed capacity of 12 MW and generate an average of 75 million killo-watt-hours per year. The powerhouse will be located within the existing stilling basin of the auxiliary outlet works. Water will be conveyed downstream from the existing auxiliary outlet high-pressure gate through a pressurized steel liner installed within the auxiliary outlet works conduit. About 0.7 mile of new transmission line will be required to connect the plant with existing lines near the left abutment. A drawing depicting the general plan is attached as Figure 2.

Conveyance System

At the present time, water to the auxiliary outlet works is conveyed through the intake structure for the canal outlet works, past the control gates for the canal outlet and into a ten-foot, nine-inch diameter concrete-lined tunnel which discharges into the auxiliary outlet works stilling basin. In order to avoid admission of material which might damage the hydraulic turbines, the intake structure will be modified by replacing the existing trashracks with racks having a smaller bar spacing. No other modifications to the canal outlet works are contemplated.

The Irrigation Districts propose to install a 9.75-foot diameter, steel penstock liner within the 10.75-foot diameter auxiliary outlet works conduit downstream from the existing high-pressure gate. Installation will involve welding a rectangular-to-circular transition to the downstream side of the gate

frame. The transition will end where the existing conduit begins. At this point, the steel penstock will be grouted in place within the existing conduit. The steel liner will be designed and installed so as to prevent excessive stress or water seepage.

After the penstock leaves the existing portal of the tunnel, it will pass through the stilling basin chute where it will be encased in concrete up to the wall of the powerhouse. Inside the powerhouse, the penstock will bifurcate for each of the two turbines and end at a free-discharge valve which will discharge above the normal tailwater into the existing stilling basin. The existing tailrace for the stilling basin will serve as the tailrace for the proposed power plant.

Powerhouse Structure

The powerhouse will be fully enclosed and constructed of reinforced concrete. It will contain two 6,000 kilowatt, horizontally mounted turbine-generator units and other related equipment. The structure will cover an area of about 3,500 square feet and have a structural height of 58 feet including the existing stilling basin slab. Approximately 25 feet will be above the normal water surface in the tailrace channel. Access and parking for normal operation and maintenance will be on the right side of the powerhouse. Access for a mobile crane to remove and laydown equipment will be provided on the left side of the structure.

PROJECT OPERATION

General

The operation of the proposed Tiber Dam Project will not alter the present operation of the reservoir, which is currently operated according to the United States Bureau of Reclamation's

Standard Operating Procedures, issued September 1978. The normal maximum surface area or normal maximum surface elevation of the reservoir will not be changed by the project.

During normal operations, the power plant will be attended by an operator to insure that the power plant operation can be coordinated with the USBR's scheduled releases. The plant will be remotely monitored with provisions for emergency shut-down. Plant start-up will be local.

Power and Energy

The project's operational capacity will depend on reservoir releases and the coincident reservoir water surface elevations. As previously stated, reservoir releases will be made according to the USBR's operating procedures. The reservoir is currently operated for flood control and municipal water supply, and to provide fish and wildlife enhancement for the area. In the future, reservoir operation may be modified to accommodate the Marias-Milk Irrigation Project. In addition, the reservoir operation may eventually be affected by the development of presently contested water rights of the Blackfeet Indian Tribe. Such modifications would reduce reservoir releases available for the generation of power.

Based upon current USBR reservoir operating procedures, the estimated dependable capacity of the proposed power plant will be 5,500 KW and the estimated average annual energy production will be 75,020,000 KWh, resulting in an annual plant factor of 71.4 percent. Attached as Figure 3 and flow-duration curves for the project site.

Hydraulic Capacity

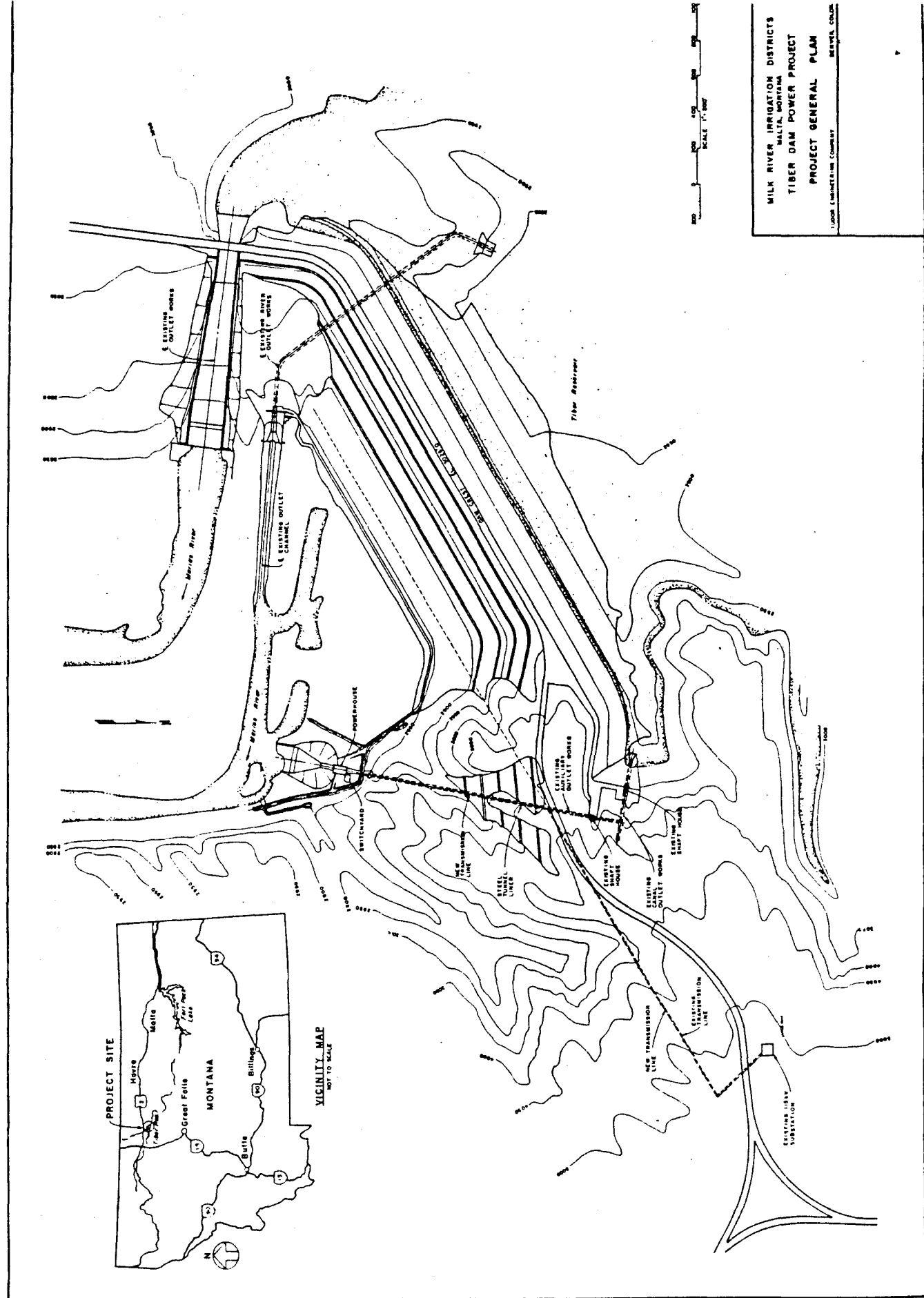
The total hydraulic capacity of the power plant (maximum flow through power plant) will be 1,156 cubic feet per second. Each

turbine will have a hydraulic capacity of 578 cubic feet per second. Reservoir releases in excess of the total plant hydraulic capacity will be released through the river outlet works or, if necessary, by opening the spillway gates.

Power Utilization

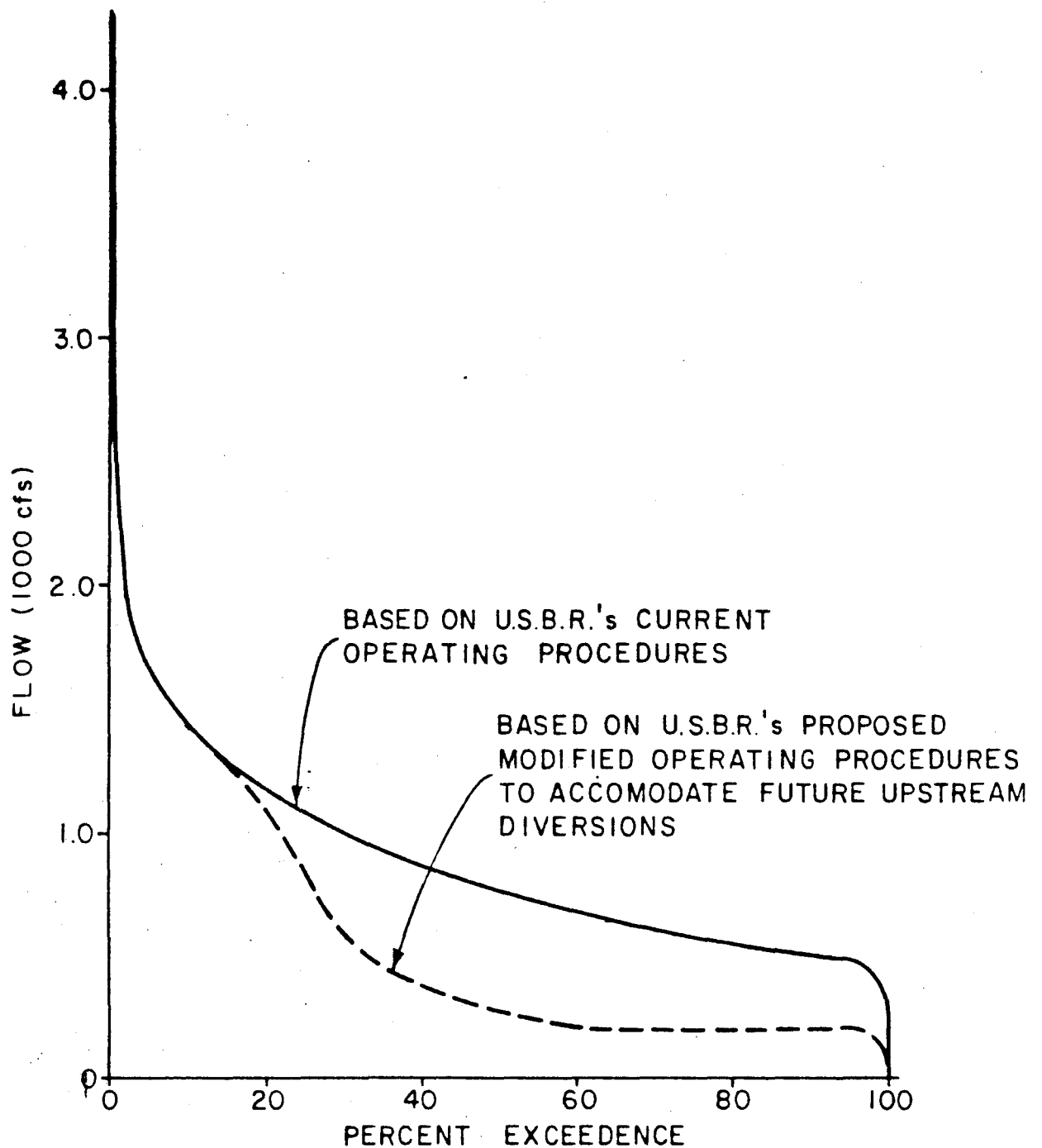
The power and load curves, shown in the attached Figure 4, illustrate the general manner in which the power generated by the Tiber Dam Power Project will be utilized. Power-duration curves for the project are shown on Figure 5. During the initial years of project operation, all of the power generated will be sold, except for an incidental amount consumed for on-site use. The Irrigation Districts believe that there are several potential power purchasers for the project power, including the investor-owned utilities, a cooperative generation and transmission company and a number of municipal entities.

Short-term environmental impacts in connection with the proposed project will be associated primarily with the construction of the powerhouse, switchyard, access road, and transmission line and are not expected to be significant. The Irrigation Districts will undertake appropriate mitigation measures in this regard. No long-term impacts on the aquatic or terrestrial populations or on the existing water quality, either in the reservoir or the Marias River, are anticipated.



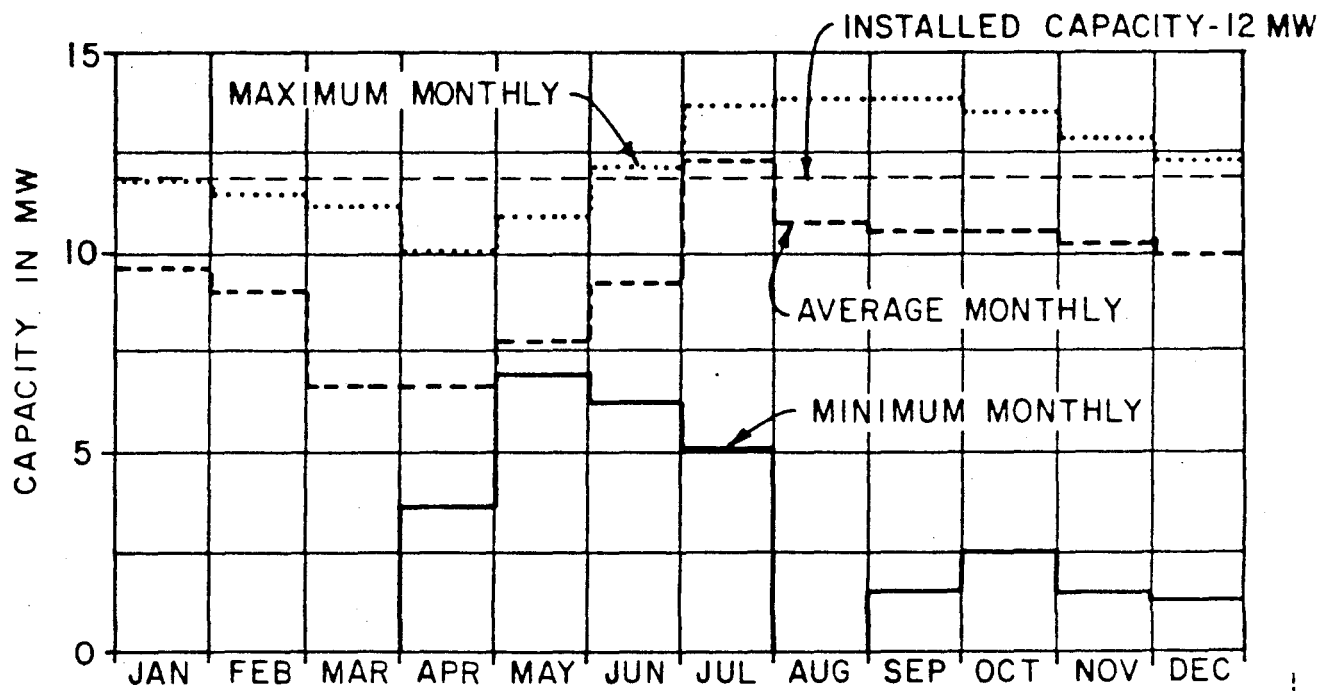
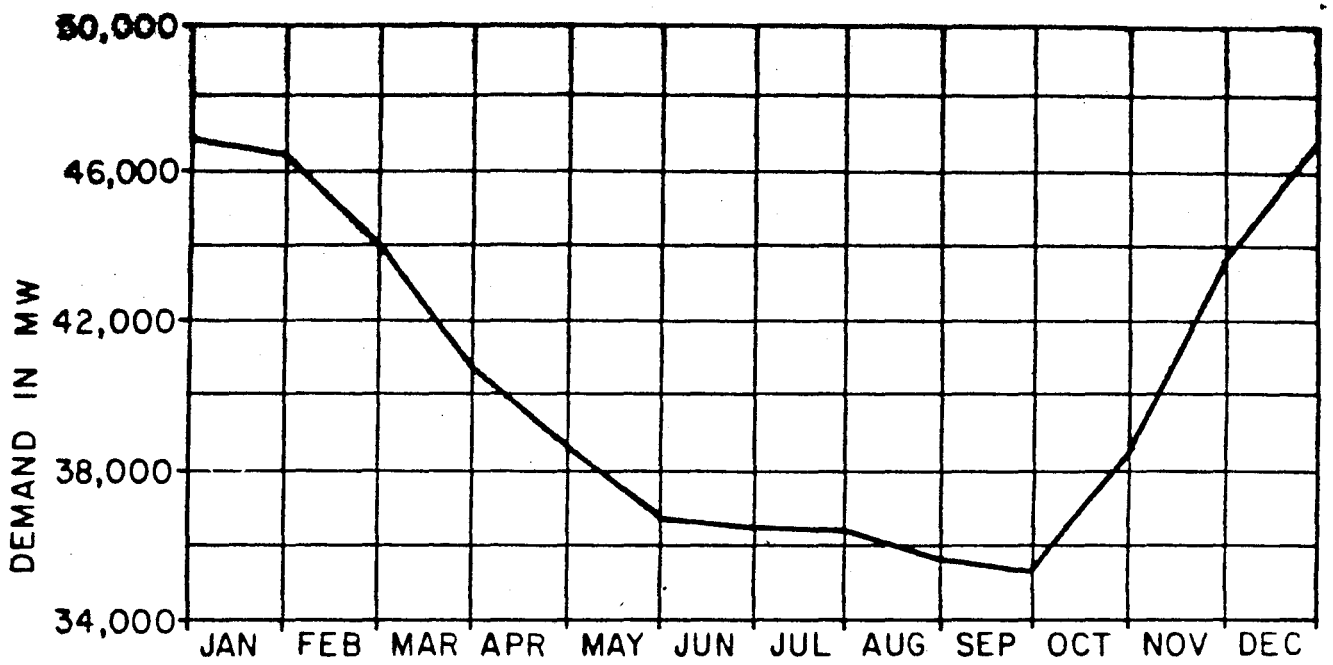
MILK RIVER IRRIGATION DISTRICTS
 MALT, MONTANA
 TIGER DAM POWER PROJECT
 PROJECT GENERAL PLAN
 LUDWIG ENGINEERING COMPANY
 DENVER, COLORADO

FIGURE 2



TIBER DAM POWER PROJECT

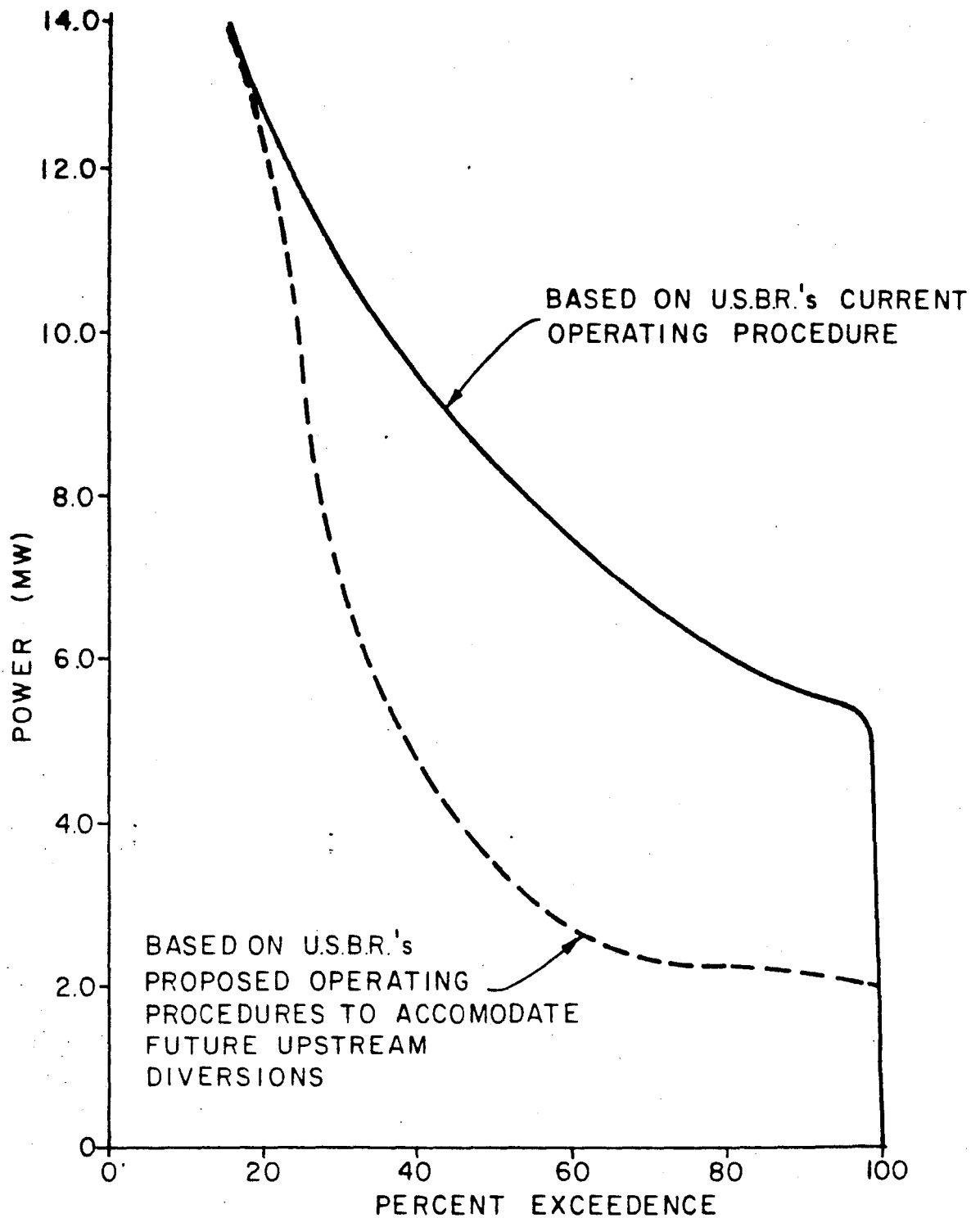
FLOW - DURATION CURVES



TIBER DAM POWER PROJECT

POWER AND LOAD CURVES

FIGURE 4



TIBER DAM POWER PROJECT

POWER - DURATION CURVES

MILK RIVER IRRIGATION DISTRICTS

Box R

Malta, Montana 59538

Phone 654-1440

March 23, 1983

MR. CHAIRMAN AND OTHER MEMBERS OF THE APPROPRIATIONS COMMITTEE:

THE MILK RIVER IRRIGATION DISTRICTS WISH TO GO ON RECORD IN SUPPORT OF H. B. #745.

THE MILK RIVER IRRIGATION DISTRICTS REPRESENT CLOSE TO 1,000 TAX PAYING FARM UNITS UNDER THE MILK RIVER PROJECT, AND COVERS AN AREA FROM HAVRE TO NASHUA. WITH THE DEPRESSED FARM ECONOMY, THE FARMERS ARE HARD PRESSED FOR FUNDS TO GET THE PROJECT STARTED.

THE FARMERS ARE TRYING TO HELP THEMSELVES AND THIS FUNDING WOULD SUPPLY THEM WITH SUPPLEMENTAL FUNDS TO GET THIS PROJECT GOING.

TIBER DAM WAS ORIGINALLY BUILT WITH THE POTENTIAL FOR FLOOD CONTROL, IRRIGATION AND HYDRO-ELECTRIC GENERATION, AND OUR PLAN WOULD COMPLETE THE ORIGINAL DESIGN OF THE PROJECT.

WE ARE CONCERNED ABOUT THE RISING POWER COSTS AND THE CONSUMPTION OF NON-RENEWABLE RESOURCES FOR THE GENERATION OF ELECTRICITY. THEREFORE, WE PROPOSE TO BUILD AND OPERATE A HYDRO-POWER PLANT ON THE MARIAS RIVER USING A RENEWABLE RESOURCE. THE HYDRO-POWER PLANT WOULD GENERATE APPROXIMATELY 1.9 MEGAWATTS OF ELECTRICITY WHICH WOULD SUPPLY THE ELECTRICAL NEEDS OF APPROXIMATELY 3,000 HOUSEHOLDS, AND EFFECT AN ANNUAL FUEL SAVING EQUIVALENT TO 193,000 BARRELS OF OIL.

WE ARE A MONTANA ENTITY AND THE BENEFITS DERIVED FROM THIS WOULD BE USED TO BENEFIT MONTANA CITIZENS AND PROMOTE THE GENERAL WELFARE OF THE STATE OF MONTANA. CONSTRUCTION OF THE HYDRO-ELECTRIC PLANT WOULD GENERATE FINANCIAL BENEFITS AND MANY OTHER DIVERSIFIED BENEFITS FROM TIBER TO NASHUA.

IRRIGATION DISTRICTS ARE EXPERIENCED IN WATER RELATED PROJECTS AND ARE AWARE OF THE ENVIRONMENTAL PROBLEMS ASSOCIATED WITH WATER CONTROL. THEY HAVE BEEN OPERATING WATER PROJECTS SINCE THE EARLY 1900'S AND HAVE PROVEN THAT THEY ARE A RELIABLE ORGANIZATION IN MEETING THE NEEDS OF MONTANANS.

TWO OUT OF STATE ENTITIES ARE ALSO COMPETING FOR A PERMIT ON TIBER DAM, THEREFORE H. B. #745 WOULD BE IN THE BEST INTEREST OF THE STATE OF MONTANA.

THIS IS AN OPPORTUNE TIME FOR THE LEGISLATORS TO SUPPORT DEVELOPMENT OF MONTANA RESOURCES FOR MONTANANS, BY MONTANANS, AND WE URGE YOUR SUPPORT OF H. B. #745.

THANK YOU.

Malta Irrigation District
Box R
Malta, Montana 59538

Dodson Irrigation District
Box R
Malta, Montana 59538

Alfalfa Valley Irrigation District
84 Third Street
Chinook, Montana 59523

Fort Belknap Irrigation District
Chinook, Montana 59523

Angus Irrigation District
Box R
Malta, Montana 59538

Paradise Valley Irrigation District
Box 827
Chinook, Montana 59523

Zurich Irrigation District
236 Indiana
Chinook, Montana 59523

Harlem Irrigation District
Harlem, Montana 59526

HB 819

Proposed Program Budget

1. Develop and maintain a mining-related water-quality data base.

<u>FTE</u>	<u>Salaries</u>	<u>Operating</u>	<u>Capital</u>	<u>Funding</u>		<u>Biennium</u>
				<u>FY 84</u>	<u>FY 85</u>	
1.0	\$58,000	\$14,000	-----	\$36,000	\$36,000	\$72,000

2. Hydrologic Monitoring - Coal Lands.

<u>FTE</u>	<u>Salaries</u>	<u>Operating</u>	<u>Capital</u>	<u>Funding</u>		<u>Biennium</u>
				<u>FY 84</u>	<u>FY 85</u>	
1.5	\$59,580	\$14,120	-----	\$36,850	\$36,850	\$73,700

3. Hard-rock Mine Hydrology - Butte.

<u>FTE</u>	<u>Salaries</u>	<u>Operating</u>	<u>Capital</u>	<u>Funding</u>		<u>Biennium</u>
				<u>FY 84</u>	<u>FY 85</u>	
0.34	\$29,300	\$23,000	\$6,000	\$32,150	\$26,150	\$58,300

4. Seismic Monitoring - Butte.

<u>FTE</u>	<u>Salaries</u>	<u>Operating</u>	<u>Capital</u>	<u>Funding</u>		<u>Biennium</u>
				<u>FY 84</u>	<u>FY 85</u>	
0.30	\$16,800	\$1,200	\$10,000	\$19,000	\$9,000	\$28,000

\$232,000

VISITORS' REGISTER

HOUSE APPROPRIATIONS COMMITTEE

BILL HOUSE BILL 334

1252

Date _____

SPONSOR ROUSH

APPROPRIATE MONEY TO DEPT. OF NAT. RES.
& CONSV. FOR ADMINISTRATION OF 10-COUNTY
TRIANGLE CONSERVATION DISTRICT SALINE SEEP
CONTROL PROJECT.

[illegible]

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

VISITORS' REGISTER

HOUSE App.

COMMITTEE

BILL H334Date 3/23/83SPONSOR Rep. Glenn Roush

NAME	RESIDENCE	REPRESENTING	SUP- PORT	OP- POSE
Kas S. Torre	Geraldine, MT.	Geraldine Rural Area SS Assn	✓	
Lynn Goldhelm	Geraldine, MT.	Geraldine Rural SS. Assn.	✓	
Mike Buck	Geraldine, MT.	Geraldine Rural SS. ASS.	✓	
GRANT JUEL	HELENA, MT		✓	
Chuck Davis	Geraldine, MT.	Geraldine & Rural Saline Seep Assn.	✓	
James R. Knapp	Geraldine, MT.	Geraldine Rural Saline Seep Assn.	✓	
Rep. Glenn Jackson	Plentywood		✓	
Steve Meyer	Helena	MACB	✓	
Joe Brunner	Helena	W. I. F. L.	✓	
John O'Hara	Joplin, MO	Triangle Cons Dist.	✓	
Walt Dior	Harre, MT	Triangle Cons Dist.	✓	
Ted Kady	Conrad	Triangle Cons Dist.	✓	
Carl Kinkaid	Conrad	Triangle Cons Dist.	✓	
Frank Kinkaid	Conrad	Triangle Cons Dist.	✓	
Paul T. Lahn	Conrad	Triangle Cons. Dist.	✓	
Jim Stephens	Bozeman		✓	
Jim Lewis	Cut Bank	Mo FEL	✓	
Antonie Verstraete	Conrad, Mont	Triangle Cons Dist.	✓	
Bruce Brady	Cut Bank, MT	Triangle Cons Dist.	✓	
Alvin D. Barnett	Cut Bank, MT	" " "	✓	

MAYNARD GULLY

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

Alan Neegan

Hobson

TCD J.B.Co.

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

VISITORS' REGISTER

HOUSE

COMMITTEE.

BILL

Date _____

SPONSOR

[illegible]

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

14

COMMITTEE

DATE 3/23/83

DATE 3/23/83

Jon Teeter
RAY W. SIBRA
Bart Johnson
Nate Brumman
Don H. Johnson
Ken P. [unclear]

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

HOUSE

Appropriations

BILL ~~#~~ 597

Date Mar 23 1982

SPONSOR _____

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

VISITOR'S REGISTER

APPROPRIATIONS

COMMITTEE

HOUSE BILL 745

DATE _____

SCHYE

Appropriate \$100,000 to DNR to administer grant to Milk River Irr. Dists. for applying to FERC for hydroelectric plant on Tiber Dam; approx. \$50,000 to study water shortages in Milk River Basin.

[illegible]

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

VISITOR'S REGISTER

HOUSE _____

COMMITTEE

BILL LB 819

DATE 3/23/83

SPONSOR ASHY

[illegible]

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

VISITOR'S REGISTER

HOUSE

APPROPRIATIONS

COMMITTEE

BILL HOUSE BILL 876

SPONSOR JACOBSEN

Notes: DATE

Appropriate from Res. Indemn. Tr. Acct.
to DNRC for Sheridan County Conserv. Dist.
for evaluation, quantification & mapping
of ground water in ancestral Missouri
River in several counties.

NAME	RESIDENCE	REPRESENTING	SUP- PORT	OP- POSE
WAYNE VAN VOST	BILLINGS	MBMG	✓	
E. L. Smith	Deerbrook	St. Senate	✓	
Marion Miller	Butte	MBMG	✓	
Hubert Pasch	Hegwood	Triangle Cons. Dist.	✓	
Pete Furver	Forest	Coop. Soil Cons. Dist.	✓	
Jim Holzer	Stanford	Judith Basin Co.	✓	
Paul Holzer	Stanford mt.	SCS - Judith Basin	✓	
Daniel Deegan	Hobson	SCS Judith Basin TCD	✓	
Paul Ireland	Antelope		✓	
Andrew				
GRANT JUEL	HELENA, MT		✓	
Steve Meyer	Helena	MACD	✓	
Bill Storer	Chewick	Triangle Cons. Dist.	✓	
Ray Deegan	Stanford	Judith Basin Soils	✓	
John Holzer	Stanford	Judith Basin Soils	✓	

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

STANDING COMMITTEE REPORT

MARCH 28,

83

19.....

SPEAKER

MR.

APPROPRIATIONS

We, your committee on

House

334

having had under consideration Bill No.

First

reading copy (**White**)

**A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE MONEY TO THE
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR ADMINISTRATION OF
THE 13-COUNTY TRIANGLE CONSERVATION DISTRICT SALINE SHEEP CONTROL PROJECT."**

House

334

Respectfully report as follows: That Bill No.

BE AMENDED AS FOLLOWS:

1. Page 2, line 2.
Strike: "\$59,000"
Insert: "\$1,000"

AND AS AMENDED DO PASS

~~XXXXX~~
DO PASS

STANDING COMMITTEE REPORT

MARCH 24,

83

19.....

MR. **SPEAKER**.....

We, your committee on **APPROPRIATIONS**.....

having had under consideration **House**..... Bill No. **456**

First reading copy (**White**)
color

A BILL FOR AN ACT ENTITLED: "AN ACT DEFINING DAY-CARE COST REIMBURSEMENT FOR DEPENDENT CHILDREN AND APPROPRIATING \$250,000 THEREFOR; AMENDING SECTION 53-4-201, MCA; AND PROVIDING AN EFFECTIVE DATE."

Respectfully report as follows: That **House**..... Bill No. **456**

DO NOT PASS
~~DO NOT PASS~~

STANDING COMMITTEE REPORT

MARCH 24,

1933

SPEAKER

MR.

APPROPRIATIONS

We, your committee on

House

having had under consideration Bill No. **518**

First

reading copy (**White**)

color

A BILL FOR AN ACT ENTITLED: "AN ACT APPROPRIATING MONEY TO THE MONTANA HISTORICAL SOCIETY FOR PUBLICATION OF A ROADSIDE GUIDE TO MONTANA HISTORIC SITES; AND PROVIDING AN EFFECTIVE DATE."

House

519

Respectfully report as follows: That Bill No.

DO NOT PASS

XXXXXX
DO PASS

STANDING COMMITTEE REPORT

MARCH 28,

~~RECORDED & INDEXED~~

83

19.....

MR. **SPEAKER**

We, your committee on **APPROPRIATIONS**

having had under consideration **HOUSE** Bill No. **597**

FIRST reading copy (**WHITE**)
color

**A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE \$48,800 TO THE
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR THE PURPOSE OF
ADMINISTERING A GRANT TO THE CITY OF GLASGOW AND VALLEY COUNTY JOINTLY
FOR A CITY-COUNTY WATER PROJECT."**

Respectfully report as follows: That **HOUSE** Bill No. **597**

DO PASS

STANDING COMMITTEE REPORT

MARCH 24,

~~February~~

19 **33**

MR. **SPEAKER**

APPROPRIATIONS

We, your committee on

HOUSE

610

having had under consideration Bill No.

FIRST

reading copy (**WHITE**)

color

A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE \$48,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO ADMINISTER A GRANT TO THE MILK RIVER WATER USERS' ASSOCIATION FOR THE PURPOSE OF CONSTRUCTION OF A FISH LADDER ON THE ST. MARY DIVERSION DAM."

HOUSE

610

Respectfully report as follows: That Bill No.

DO NOT PASS

DO PASS

FRANCIS EARDANOUVE

Chairman.

COMMITTEE SECRETARY

STANDING COMMITTEE REPORT

MARCH 28,

19 83

MR. **SPEAKER**

We, your committee on **APPROPRIATIONS**

having had under consideration **HOUSE** Bill No. **743**

FIRST reading copy (**WHITE**)

color

A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE \$100,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO ADMINISTER A GRANT TO THE MILK RIVER IRRIGATION DISTRICTS FOR THE PURPOSE OF APPLYING TO THE FEDERAL ENERGY REGULATORY COMMISSION FOR A HYDROELECTRIC PLANT ON THE TIBER DAM AND TO APPROPRIATE \$50,000 TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION TO STUDY WATER SHORTAGES IN THE MILK RIVER BASIN."

Respectfully report as follows: That **HOUSE** Bill No. **745**

BE AMENDED AS FOLLOWS:

1. Page 1, line 15.
Strike: "\$100,000"
Insert: "\$500"

2. Page 1, line 23.
Strike: "\$50,000"
Insert: "\$500"

AND AS AMENDED DO PASS

~~XXXXX~~
DO PASS

STANDING COMMITTEE REPORT

March 28

89

19

MR. SPEAKER

We, your committee on APPROPRIATIONS

having had under consideration HOUSE Bill No. 819

first

white

reading copy

color

A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE FUNDS TO THE MONTANA BUREAU OF MINES AND GEOLOGY FROM THE RESOURCE INDEMNITY TRUST ACCOUNT FOR MONITORING AND ASSESSING IMPACTS ON GROUND WATER IN SENSITIVE AREAS AND FOR IMPLEMENTING A GROUND WATER INFORMATION SYSTEM."

Respectfully report as follows: That HOUSE Bill No. 819

be amended as follows:

1. Page 1, lines 5 and 6.

Strike: "RESOURCE INDEMNITY TRUST ACCOUNT"

Insert: "FEDERAL ABANDONED MINES RECLAMATION FUNDS"

2. Page 1, lines 22 and 23.

Strike: "\$232,000"

Insert: "\$60,000"

Strike: "resource indemnity trust account provided for in Title 15, Chapter 38,"

Insert: "federal abandoned mines reclamation fund controlled by the department of state lands"

AND AS AMENDED

DO PASS

STANDING COMMITTEE REPORT

MARCH 28,

83

19

MR. **SPEAKER**

We, your committee on **APPROPRIATIONS**

having had under consideration **HOUSE** Bill No. **876**

FIRST

reading copy (**WHITE**)
Color

A BILL FOR AN ACT ENTITLED: "AN ACT TO APPROPRIATE MONEY FROM THE RESOURCE INDEMNITY TRUST ACCOUNT TO THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION FOR USE BY THE SHERIDAN COUNTY CONSERVATION DISTRICT FOR AN EVALUATION, QUANTIFICATION, AND MAPPING OF THE GROUND WATER RESOURCES IN THE ANCESTRAL MISSOURI RIVER CHANNEL AND ADJACENT AREAS IN SHERIDAN, ROOSEVELT, DANIELS, VALLEY, MCCONE, AND RICHLAND COUNTIES."

Respectfully report as follows: That **HOUSE** Bill No. **876**

BE AMENDED AS FOLLOWS:

1. Page 3, line 1.

Strike: "\$250,000"

Insert: "\$1,000"

AND AS AMENDED DO PASS

XXXXXX