

NORTH DAKOTA

STATE

Thilo W. Hoisson

WATER

CONSERVATION

COMMISSION

16th Biennial Report

For the Period

July 1, 1966 - June 30, 1968

and

17th Biennial Report

July 1, 1968 - June 30, 1970

NORTH DAKOTA STATE AGENCY
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NORTH DAKOTA STATE WATER COMMISSION

SIXTEENTH BIENNIAL REPORT

FOR THE PERIOD

July 1, 1966 - June 30, 1968

Information Series #14

(500-9/68)

North Dakota State Water Commission

State Office Building

(701) 224-2750

Bismarck, North Dakota 58501

September 5, 1968

Honorable William L. Guy
Governor of North Dakota
State Capitol
Bismarck, North Dakota

Dear Governor Guy:

Re: 1966-1968 Biennial Report
SWC File C6-1

In compliance with North Dakota laws, we transmit for your information and consideration the Sixteenth Biennial Report of the North Dakota State Water Commission and the Thirty-third Biennial Report of the State Engineer for the period July 1, 1966 to June 30, 1968.

Respectfully submitted,

Richard Gallagher, Vice Chairman
James R. Jungroth
Russell Dushinske
Henry Steinberger
Harold Hanson
Arne Dahl

Milo W. Hoisveen
Milo W. Hoisveen
Secretary and Chief Engineer
State Engineer

Governor William L. Guy
Chairman
Richard P. Gallagher
Vice Chairman-Mandan

Harold Hanson
New England
Russell Dushinske
Devils Lake

Henry J. Steinberger
Dumybrook
James Jungroth
Jamestown

Arne Dahl, Ex-Officio Member
Committee of Agriculture & Labor
Milo W. Hoisveen, Secretary
Chief Engineer, State Engineer

COMMISSION MEMBERS AND STAFF AS OF JUNE 30, 1968

Commission Members:

Name	Position	Date Appointed	Term Ends
Governor William L. Guy	Chairman	January 1, 1961	
Richard P. Gallagher	Vice-Chairman	July 1, 1961	July 1, 1973
Henry Steinberger	Member	July 1, 1961	July 1, 1973
Russell Dushinske	Member	July 1, 1965	July 1, 1971
Harold Hanson	Member	July 1, 1965	July 1, 1971
James R. Jungroth	Member	September 1, 1967	July 1, 1969
Arne Dahl	Ex-officio Member	January 1, 1965	

Staff:

Name	Position	Date Employed	Monthly Salary
Milo W. Hoisveen	Secretary, Chief Engineer State Engineer	July, 1954	\$1,525
Karen Anderson	Stenographer	May, 1966	390
Gordon Baesler	Draftsman	July, 1955	650
Allen Balliet	Rodman	May, 1966	405
Raymond Christenson	Soils Technician	December, 1963	565
Jane Diede	Stenographer	June, 1965	340
David Donaldson	Ground-Water Technician	May, 1966	475
Matt Emerson	Water Rights Engineer	May, 1966	760
Larry Froelich	Ground-Water Geologist	June, 1962	790
Dale Froemming	Construction Inspector	May, 1964	495
Dale Glover	Hydrologist	September, 1962	930
Alan Grindberg	Assistant State Engineer	June, 1966	1,170
Arland Grunseith	Investigation Engineer	September, 1965	840
Leone Hiland	Chief Stenographer	June, 1959	550
Hugh Jacobson	Assistant Driller	April, 1966	450
Cliff Jochim	Special Assistant Attorney General	May, 1963	540
Lewis Knutson	Driller	September, 1955	600
Kay Koch	Accountant	June, 1962	460
Eugene Krenz	Resources Planner	July, 1966	860
Milton Lindvig	Ground-Water Engineer	November, 1963	910
Sharon Locken	Stenographer	October, 1967	380
Thomas Malaterre	Construction Inspector	March, 1967	495
Garvin Muri	Chemist	June, 1967	630
Charles Naplin	Ground-Water Geologist	June, 1967	655
C. P. Nelson	Drainage Engineer	December, 1959	900
Roy Putz	Office Assistant	September, 1947	380
Eugene Sackman	Surveyor	March, 1957	590
George Schantz	Engineer Aid	October, 1963	445
Roger Schmid	Ground-Water Hydrologist	March, 1961	820
Delton Schulz	Office Engineer	July, 1961	960
Jim Schulz	Assistant Secretary	September, 1958	1,025
Cliff Scott	Design Engineer	January, 1966	875

Staff: (Continued)

<u>Name</u>	<u>Position</u>	<u>Date Employed</u>	<u>Monthly Salary</u>
Lloyd Scott	Draftsman	February, 1968	\$ 550
Anton Senger	Construction Inspector	August, 1961	525
Kenneth Simenson	Construction Engineer	February, 1966	885
C. L. Simpson	Engineer Aid	June, 1968	400
Glenn Speaks	Construction Inspector	November, 1966	495
James Thompson	Lab Technician	March, 1968	400
Ann Tillotson	Research Assistant	April, 1965	360
Roger Ulrich	Rodman	January, 1968	375
Merline Van Dyke	Project Engineer	June, 1966	885
Pius Voeller	Construction Foreman	February, 1961	575
Howard Walterson	Construction Superintendent	March, 1959	625
Stanley Wentz	Assistant Resources Planner	June, 1967	685
Judy Wray	Stenographer	September, 1967	260
Royce Yeater	Engineer Aid	June, 1968	400

COMMISSION MEETINGS

<u>Date</u>	<u>Location</u>
July 29, 1966	Fargo
August 18, 1966	Devils Lake
September 28, 1966	Bismarck
October 14, 1966	Dickinson
November 10, 1966	Bismarck
December 22, 1966	Bismarck
March 23, 1967	Bismarck
April 21, 1967	Bismarck
May 16, 1967	Bismarck
June 30, 1967	Valley City
August 3, 1967	Fargo
September 18, 1967	Bismarck
November 2 and 3, 1967	Minot
December 8, 1967	Bismarck
January 23, 1968	Bismarck
March 20, 1968	Bismarck
May 14, 1968	Bismarck
May 28, 1968	Minot

NORTH DAKOTA STATE WATER COMMISSION
FINANCIAL STATEMENT - June 30, 1968

1967-1969 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	JUNE '68	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS:							
1007-Salaries Expense	\$642,269.00	\$ -	\$358,194.34	\$32,012.68	\$338,124.66#	\$ -	\$338,124.66
2007-Fees & Services	126,000.00	-	62,782.91	8,093.91	63,217.09	-	63,217.09
3007-Supplies & Materials	145,000.00	-	69,377.27	5,219.14	75,622.73	-	75,622.73
4007-Equipment	35,000.00	-	27,726.46	1,649.53	7,273.54	543.40	6,730.14
7707-Red Basin Commission	95,000.00	-	58,987.94	29,705.61	36,012.06	29,375.00	6,637.06
Total General Operations	\$1,097,319.00	\$ -	\$577,068.92	\$76,680.87	\$520,250.08	\$29,918.40	\$490,331.68
CONTRACT FUND:							
001-770-Contract "Approp."	\$ 845,923.00	\$ -	\$ -	\$ -	\$845,923.00	\$613,381.27	\$232,541.73
336-770-Contract "Cash"	443,646.46	492,981.86	808,921.59*	107,653.52	127,706.73	127,706.73	-
Total Contract Fund	\$1,289,569.46	\$492,981.86	\$808,921.59*	\$107,653.52	\$973,629.73	\$741,088.00	\$232,541.73
Grand Total	\$2,386,888.46	\$492,981.86	\$1,385,990.51	\$184,334.39	\$1,493,879.81	\$771,006.40	\$722,873.41

* \$54,050 transfer to Salaries & Wages from Contract Fund. Included as Disbursement in Col. 3 - Disb. to Date - Fund 336-770

Additional \$38,100 due from Water Resources Council for Planning Grant

NORTH DAKOTA STATE WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF JUNE 30, 1968

ACCOUNT	Available Funds		Disbursements		Account Balances	
	APPROPRIATION	RECEIPTS*	TO DATE	JUNE '68	UNEXPENDED	ENCUMB.
535-770-Const. Bond Guar.	\$ 90,000.00	\$30,620.54	\$30,083.04	-	\$ 90,037.50	-
0500 - Investment Prin.	15,000.00	.00	500.00	-	14,500.00	-
	<u>\$105,000.00</u>	<u>\$30,620.54</u>	<u>\$30,583.04</u>	-	<u>\$104,537.50</u>	-

NOTE: Fund #535-770 Receipts are obtained from Retirement of and Interest on securities that were in the Commission's sinking fund in excess of the amount required to retire the series "J" bond issue on December 10, 1957. Original disbursements from fund #535-770 were made during the early 1940's in accordance with Section 61-02-56 of the Century Code which provides that the Commission may guarantee or insure or agree to pay the interest on and principal of Commission revenue bonds not exceeding 20% of the par value of any such bonds.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #535-770

TYPE	DUE DATE	INTEREST RATE	INTEREST RECEIVABLE TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U. S. Treasury Bonds	12-68	2.50%	\$ 37.50	\$ 3,000	\$ 3,037.50
Sioux Irrigation Dist. Bonds	1984 Serially	2.25%	2,868.75	11,500	14,368.75
			<u>\$2,906.25</u>	<u>\$ 14,500</u>	<u>\$ 17,406.25</u>

(Excess over \$90,000 cash in Fund #535-770 to be credited to General Fund. 1/2/58 Attorney General's Opinion.)

Receipts: Retirement of Bonds \$17,500.00
Interest on Bonds 8,988.55
Sinking Fund Cash 4,131.99
\$30,620.54

* Accumulation of Receipts to Bond Guarantee Fund since fund created in 1939.

RECAP OF DISBURSEMENTS AND PROJECT COSTS
July 1, 1966 to June 30, 1968

DISBURSEMENTS TO BE ACCOUNTED FOR:

Disbursements from Appropriations and Refunds - 1965-67	\$ 893,956.19	
Disbursements from Appropriations and Refunds - 1967-69	1,331,940.51	
Disbursements from Appropriations and Refunds - (prior) 1965-67	11,547.39	
Materials Used from Inventory - net	3,434.56	
Depreciation - Office and Field Equipment	69,046.12	
Total Disbursements to be accounted for		<u>\$2,309,924.77</u>

DISBURSEMENTS CHARGED TO STATE WATER COMMISSION PROJECTS	2,098,130.31
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DISBURSEMENTS CHARGED TO GENERAL OPERATING COSTS:

Personnel Services	98,505.71	
Field Equipment (new) (Book value - 147,760.41)	58,894.13	
Office Equipment (new) (Book value - 32,293.50)	22,624.15	
Shop Building (Book Value - \$40,500.00)	- - -	
Materials and Supplies (Inventory - 18,989.12)	- - -	
Equipment Operation, Maintenance and Depreciation:		
Depreciation	69,046.12	
Operation & Maintenance	87,520.10	
Less Charged to Projects	<u>-130,728.50</u>	25,837.72
Miscellaneous Expenses		<u>5,932.75</u>
Total Disbursements Charged to General Operating Costs		- 202,794.46
Total Disbursements Accounted for		<u>\$2,309,924.77</u>

NORTH DAKOTA STATE WATER COMMISSION

Project Expenditures

July 1, 1966 to June 30, 1968

Project No.	Name	County	FY'67	FY'68	Total	Collections
213	Sioux Irrigation Project	McKenzie	\$ 2,084.93		\$ 2,084.93	
214	Yellowstone Irrigation Project	McKenzie	4,519.77	\$ 4,210.18	8,729.95	\$ 3,021.37
216	Bowman-Haley Dam	Bowman	544.61		544.61	
222	Buford-Trenton Irrigation Project	Williams	139.04	2,976.66	3,115.70	200.00
225	Goose River Flood Control	Trail	465.66	346.90	812.56	
237	Missouri River Diversion	Various	120.09	1,525.24	1,645.33	
246	Antelope Creek Dam	Mercer	47.96	56.98	104.94	
249	Mott Dam and Flood Control	Hettinger	60.37		60.37	
259	Kulm Dam	LaHure	1,183.07	2,293.72	3,476.79	5,385.20
262	Cannonball & Cedar River Project	Various	26.95	13.20	40.15	
266	Toina Dam #1	Grand Forks		52.80	52.80	
272	Richland County Dams	Richland	44.44	75.02	119.46	
273	Fuller Lake Dam	Steele	94.60	30.58	125.18	
291	Sarnia Dam	Nelson	140.03		140.03	
298	Little Missouri Basin Project	Various	67.72		67.72	
305	Red River Water Supply	Various	292.71	64,456.14	64,748.85	3,927.48
315	Valley City Park Dam	Barnes	72.52	71.03	143.55	
316	Lisbon Dam	Ransom	26,375.66	1,142.73	27,518.39	12,625.75
319	Wakopa Project	Rolette	236.25		236.25	
320	Bohman Dam	Hettinger		6,552.59	6,552.59	200.00
322	State Water Plan	Various	13,076.44	102,410.86	115,487.30	54,050.00
327	White Earth Dam	Mountrail	1,218.84	2,047.87	3,266.71	
330	Lake Metigoshe	Bottineau	58.74	3,358.26	3,417.00	1,679.13
336	Powers Lake Dam	Burke	139.81		139.81	
341	Center Dam	Oliver	158.54	362.70	521.24	
344	State Line Dam	Dickey	55.88		55.88	
347	Velva Flood Control	McHenry	206.26	190.85	397.11	
350	Regent Dam	Hettinger		64.68	64.68	
353	Cedar Dam	Slope	3,946.67	1,641.77	5,588.44	2,200.00
359	Wolf Butte Dam	Adams	76.03		76.03	
362	Balta Dam	Pierce	131.54	491.84	623.38	
386	Monango Dam	Dickey	282.46		282.46	

Project No.	Name	County	FY'67	FY'68	Total	Collections
			\$	\$	\$	\$
388	Spring Lake Dam	Bowman		55.50	55.50	
390	Beaver Lake Dam	Logan	49.61		49.61	
391	Silver Lake Dam	Sargent	1,814.27	33,876.98	35,691.25	19,250.00
416	Devils Lake Basin	Ramsey, Benson and Towner	33,617.77	19,532.31	53,150.08	8,912.46
420	Mirror Lake Dam	Adams		278.51	278.51	
443	Lake Juanita Dam	Foster		53.35	53.35	
450	Sykeston Dam	Wells		335.61	335.61	
459	Brown Dam	Barnes	258.78	44.44	44.44	
461	Spiritwood Lake	Stutsman	23.43	23.43	23.43	
452	Hanson Dam	Barnes	156.77	156.77	156.77	
463	Rush Lake	Cavalier	144.82	144.82	144.82	
475	Golden Lake	Steele	45,006.19	1,777.35	46,783.54	6,512.00
477	Valley City Mill Dam	Barnes	231.33		231.33	
480	James River Basin	LaMoire, Dickey and Stutsman	70,345.31		70,345.31	53,318.00
485	LaMoire Dam	LaMoire		64.90	64.90	
489	Ray Dam	Williams	786.32	786.32	786.32	
493	Storholm Dam	McKenzie	32.54	32.54	32.54	
501	Pheasant Lake Dam	Dickey		260.16	260.16	
510	Crystal Springs Dam	Stutsman	54.43	11.55	65.98	
511	Irvin Reed Dam	Burleigh		51.43	51.43	
521	Soldier's Home Dam	Ransom	96.80	1,588.45	1,685.25	620.38
527	Kelly Slough	Grand Forks		223.03	223.03	
528	McGregor Dam	Williams	19,509.84	57,459.47	76,969.31	53,005.60
531	Bouret 'Twin Tree' Dam	Benson	24.10		24.10	
552	Lower Yellowstone Irrigation District	McKenzie		53.63	53.63	
558	Linton Flood Control	Emmons	106.89	32.23	139.12	
560	Blacktail Dam	Williams	13,301.88	9,448.58	22,750.46	1,666.00
561	Tioga Dam	Williams	965.04	307.41	1,272.45	
565	Buffalo Dam	Pierce	213.84	5,169.79	5,383.63	4,000.00
567	Pembillion Dam	Pembina-Cavalier	193.05	149.46	342.51	
568	Shenoyne River Channel Clearing	Ransom, Barnes, Cass & Richland	2,890.68		2,890.68	24,801.00
571	Oak Creek Channel Clearing	Bottineau		26.81	26.81	
576	Missouri River Bank Stabilization	Morton, Burleigh, McLean, Oliver, and Mercer	3,413.19	72,422.58	75,835.77	4,000.00

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY'67</u>	<u>FY'68</u>	<u>Total</u>	<u>Collections</u>
			\$	\$	\$	\$
581	Sherwood Flood Control	Renville	14.34		14.34	
584	Alexander Dam	Stutsman	9.43		9.43	
586	Short Creek	Burke		348.90	348.90	
587	Nome Dam	Barnes	19.58		19.58	
589	Pleasant Lake	Benson		62.83	62.83	
591	Fargo 12th Avenue North Dam	Cass		796.05	796.05	
600	Crystal Dam	Pembina	42,290.63		46,507.61	7,170.21
601	Bucephalia Dam	Foster	30.80		1,886.61	1,216.96
613	Arnegard Dam	McKenzie	10,572.53		10,950.41	3,431.48
614	Cottonwood Lake	Lafourie		80.91	80.91	
615	Ellendale Water Supply	Dickey	47.96		56.98	
616	McVillie Railroad Dam	Nelson	66.00		113.96	
619	Hunter Dam	Cass	650.10		1,304.19	
622	Rice Lake	Burleigh		56.98	56.98	
624	James River Channel Change	Stutsman	2,167.09		2,167.09	
627	Froslich Dam	Sioux	4,486.11		4,582.91	2,200.00
632	Antler Creek Dam	Bottineau	267.56		342.52	
642	Sweetbriar Dam	Morton	321.64		267.56	
646	Christine Dam	Cass		15,063.25	15,384.89	5,078.42
652	Bertsch Dam	Richland	26.81		26.81	
656	New Rockford Railroad Dam	Eddy	89.10		2,155.70	
660	Grafton Railroad Dam	Walsh	4,951.40		101,864.68	
662	Park River Snagging & Clearing	Walsh	2,587.02		2,999.16	
667	Northgate Dam	Burke	1,171.93		6,680.98	
668	Warsing Lake Dam	Eddy	7.70		7.70	
670	Tobiason Dam	Steele	134.20		134.20	
671	Harvey Dam	Wells	8,324.48		71,080.66	16,734.82
672	Turtle River State Park	Grand Forks		62,756.18	62,756.18	
681	Drayton Dam	Pembina		418.45	418.45	200.00
690	Pipstem Reservoir	Stutsman	1,314.27		10,713.19	
702	Boundary Creek Water Management District	Stutsman		243.43	243.43	
728	West Dickey Water Management District	Bottineau		99.06	99.06	
729	Willow Creek Water Management District	Dickey	121.12		121.12	
741	Buxton Ground-Water Survey	McHenry Traill	83.48 70.97	4,939.14	83.48 5,010.11	1,500.00

Project No.	Name	County	FY'67	FY'68	Total	Collections
745	Columbus Ground-Water Survey	Burke	\$ 118.91	\$ 5,663.75	\$ 5,663.75	\$ 1,500.00
749	Drake Ground-Water Survey	McHenry		79.57	118.91	
750	Elliendale Ground-Water Survey	Dickey	1,071.88	503.36	79.57	
762	Hutton Ground-Water Survey	Trails			1,575.24	
763	Hettinger Ground-Water Survey	Adams				435.50
782	Minot Water Supply	Ward	70.68	92.27	162.95	55,211.37
797	Rolla Ground-Water Survey	Rolette		235.14	235.14	
798	St. John Ground-Water Survey	Rolette	2,160.16		2,160.16	
803	Stanley Ground-Water Survey	Mountrail		57.12	57.12	
816	Barnes County Ground-Water Survey	Barnes	1,449.68	1,039.50	2,489.18	
817	Burleigh County Ground-Water Survey	Burleigh	5,136.34	1,922.36	7,058.70	861.25
818	Kidder County Ground-Water Survey	Kidder	172.18	33.00	205.18	
819	Stutsman County Ground-Water Survey	Stutsman	295.27	24.75	320.02	
820	Oak-Willow Creek Snagging & Clearing	Bottineau and McHenry	177.95	933.00	1,110.95	200.00
826	Garrison Dam & Reservoir	Various	4.91	120.32	125.23	
830	Grand Forks Flood Control	Grand Forks		74.25	74.25	
831	Lake Darling	Renville-Ward		64.63	64.63	
839	Elm River Watershed	Cass, Traill, and Steele	82.53		82.53	
841	Maple River Watershed	Cass, Steele, Barnes & Ransom	22.22		22.22	
842	Starkweather Watershed	Cavalier	15.04	286.43	301.47	
843	Edmore Watershed	Cavalier-Ramsey	11.11		11.11	
849	Tongue River Watershed	Cavalier-Pembina	44.44		44.44	
851	Wild Rice Watershed	Sargent	42.24		42.24	
852	Willow Coulee Watershed	Rolette, McHenry and Bottineau	244.72	620.29	865.01	
853	Turtle Mountain Reservation Improvement	Rolette	164.34		164.34	
858	Foster-Eddy County Ground-Water Survey	Foster-Eddy	236.14	1,482.81	1,718.95	7,500.00
859	Williams County Ground-Water Survey	Williams	8,156.86	945.62	9,102.48	11,875.00
860	McKenzie County Ground-Water Survey	McKenzie	3,857.98	2,330.04	6,188.02	

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY167</u>	<u>FY168</u>	<u>Total</u>	<u>Collections</u>
			\$	\$	\$	\$
861	Burke-Mounttrail County Ground-Water Survey	Burke-Mounttrail Divide	24,284.19	21,209.35	45,493.54	24,000.00
862	Divide County Ground-Water Survey		1,473.24	2,618.00	4,091.24	
863	Ward-Renvillie County Ground-Water Survey	Ward-Renvillie	4,702.61	1,502.79	6,205.40	10,750.00
864	Bottineau County Ground-Water Survey	Bottineau	287.53	264.00	551.53	
866	Cass County Ground-Water Survey	Cass	1,681.20	2,199.64	3,880.84	10,000.00
867	Richland County Ground-Water Survey	Richland	2,093.28	669.49	2,093.28	4,250.00
868	Trail County Ground-Water Survey	Trail	1,651.09		2,320.58	
870	Crown Butte Dam	Morton	190.14		190.14	
871	Pembina River Snagging & Clearing	Pembina-Cavallier	357.10	31.35	388.45	
926	Dickinson Flood Control	Stark	48.73	1,380.81	1,429.54	
927	Edmore Water Supply	Ramsey	1,172.62	227.70	1,400.32	
929	Forest River Watershed	Walsh, Nelson and Grand Forks	79.65	180.67	260.32	
936	Field Notes and Plats	Adams	263.51	349.74	613.25	
940	Adams County Ground-Water Survey		111.44		111.44	
941	Benson-Pierce County Ground-Water Survey	Benson-Pierce	110.59	10,465.66	10,576.25	
942	Billings County Ground-Water Survey	Billings	444.07		444.07	
944	Cavallier-Pembina County Ground-Water Survey	Cavallier-Pembina	930.05	6,417.79	7,347.84	
945	Dickey County Ground-Water Survey	Dickey	36.30	66.00	102.30	
946	Dunn County Ground-Water Survey	Dunn	80.50		80.50	
948	Emmons County Ground-Water Survey	Emmons	74.29	33.00	107.29	
949	Golden Valley County Ground-Water Survey	Golden Valley	82.71	80.94	163.65	
950	Grand Forks County Ground-Water Survey	Grand Forks	2,1758.00	4,085.99	25,843.99	7,500.00
951	Grant County Ground-Water Survey	Grant	48.95	131.71	131.71	
952	Griggs County Ground-Water Survey	Griggs			48.95	
953	Hettinger-Stark County Ground-Water Survey	Hettinger-Stark	13,946.48	25,964.53	39,911.01	12,300.00
954	LaMoure County Ground-Water Survey	LaMoure	21.06		21.06	

Project No.	Name	County	FY'67	FY'68	Total	Collections
956	McHenry County Ground-Water Survey	McHenry	\$ 533.37		\$ 533.37	
958	McLean County Ground-Water Survey	McLean	10,636.45	23,280.80	33,917.25	\$ 9,500.00
959	Mercer-Oliver County Ground-Water Survey	Mercer-Oliver	7,999.80	21,011.48	29,011.28	16,500.00
960	Morton County Ground-Water Survey	Morton	111.24	427.52	538.76	
962	Nelson-Walsh County Ground-Water Survey	Nelson-Walsh	194.88	22,504.90	22,699.78	11,500.00
966	Ramsey County Ground-Water Survey	Ramsey		102.88	102.88	
967	Ransom County Ground-Water Survey	Ransom	267.74	1,071.77	1,339.51	
968	Rolette County Ground-Water Survey	Rolette	463.43		463.43	
970	Sheridan County Ground-Water Survey	Sheridan			137.74	
978	Wells County Ground-Water Survey	Wells	16,311.79	2,567.93	18,879.72	7,000.00
982	Park River Water Supply & Flood Control	Walsh, Pembina and Cavalier	93.17	53.63	146.80	
983	Coleharbor Water Supply	McLean	3,397.19		3,397.19	
984	Souris River Basin	Various	604.03	866.83	1,470.86	
985	Tongue River Watershed	Nelson and Grand Forks	370.07		370.07	
986	Wild Rice "B" Watershed	Richland		63.80	63.80	
988	Antelope Creek Improvement	Richland	223.00	434.75	657.75	
989	Quality of Water Studies	Various	7,512.14	110.00	7,622.14	
999	Road Drainage - General	Various	95.33	119.30	214.63	
1001	Barnes County Road Drainage	Barnes	158.79		158.79	
1008	Cass County Road Drainage	Cass	52.64		52.64	
1017	Grand Forks County Road Drainage	Grand Forks		80.52	80.52	
1019	Griggs County Road Drainage	Griggs		26.82	26.82	
1022	LaMoure County Road Drainage	LaMoure	58.01		58.01	
1031	Nelson County Road Drainage	Nelson		165.99	165.99	
1032	Oliver County Road Drainage	Oliver		80.44	80.44	
1038	Richland County Road Drainage	Richland	228.29		228.29	
1046	Stutsman County Road Drainage	Stutsman	614.90		614.90	
1048	Trail County Road Drainage	Trail		72.96	72.96	
1049	Walsh County Road Drainage	Walsh		102.47	102.47	
1051	Wells County Road Drainage	Wells	54.62		54.62	
1053	Drainage - General	Barnes	2,238.63	2,542.01	4,780.64	
1054	Barnes County Drainage - General	Barnes	122.05	239.06	361.11	
1056	Bottineau County Drainage - General	Bottineau	44.44		44.44	

Project No.	Name	County	FY'67	FY'68	Total	Collections
			\$	\$	\$	\$
1058	Bottineau County Drain #4	Bottineau	105.60		105.60	
1060	Kramer Drain	Bottineau	67.54		67.54	
1061	Stone Creek Drain	Bottineau	96.80		367.25	
1063	Cass County Drainage - General	Cass	253.91	270.45	283.75	
1064	Cass County Drain #2	Cass	46.73	113.55	160.28	
1069	Cass County Drain #13	Cass	282.94	8,955.15	9,238.09	
1072	Cass County Drain #16	Cass	154.66	24.75	179.41	
1075	Cass County Drain #21	Cass		1,705.47	1,705.47	
1076	Cass County Drain #22	Cass	1,209.79		1,209.79	
1078	Cass County Drain #25	Cass		1,527.22	1,527.22	
1080	Cass County Drain #29	Cass	192.17	5,682.38	5,874.55	
1081	Cass County Drain #29	Cass	5,022.31		5,022.31	
1098	Cavalier County Drainage - General	Cavalier	189.80	340.04	529.84	
1099	Cavalier County Drain #1	Cavalier	21.69		21.69	
1100	Roseau Lake Drain	Cavalier	21.12		21.12	
1101	Dickey County Drainage - General	Dickey	76.96		76.96	
1104	Eddy County Drainage - General	Eddy		94.00	94.00	
1105	Grand Forks County Drainage - General	Grand Forks	420.78		681.99	
1112	Grand Forks County Drain #13	Grand Forks	120.51	261.21	6,012.40	
1113	Grand Forks County Drain #14	Grand Forks		5,891.89	26.81	
1125	Rye Township Drain #1	Grand Forks	24.41	26.81	24.41	
1129	LaHoure County Drainage - General	LaHoure	145.63	156.09	301.72	
1131	Nelson County Drainage - General	Nelson	260.21	527.89	788.10	
1132	McHough Drain	Nelson	93.63		93.63	
1133	Pembina County Drainage - General	Pembina	289.52	334.09	623.61	
1139	Pembina County Drain #10	Pembina		107.25	107.25	
1142	Pembina County Drain #16	Pembina		2,365.77	2,365.77	
1154	Pembina County Drain #38	Pembina	88.88		88.88	
1157	Pembina County Drain #47	Pembina	9,552.83		10,776.64	
1159	Pembina County Drain #51	Pembina	63.36	1,223.81	63.36	
1171	Ramsey County Drainage - General	Ramsey	35.20		35.20	
1174	Richland County Drainage - General	Richland	66.66	53.48	120.14	
1177	Richland County Drain #3	Richland	55.00	2,303.66	2,358.66	
1197	Richland County Drain #29	Richland		49.50	5,985.94	
1204	Richland County Drain #62	Richland	5,985.94		49.50	
1217	Tri-County Drain #6	Ransom, Sargent and Richland	159.50		159.50	

Project No.	Name	County	FY '67	FY '68	Total	Collections
			\$	\$	\$	\$
1219	Sargent County Drainage - General	Sargent		104.96	104.96	
1223	Steele County Drainage - General	Steele	140.47	178.76	319.23	
1224	Trail County Drainage - General	Trail	21.10	167.26	188.36	
1230	Trail County Drain #8	Trail	17.33	32,407.37	32,424.70	
1238	Trail County Drain #19	Trail	10.56		10.56	
1252	Walsh County Drainage - General	Walsh	179.58		179.58	
1256	Walsh County Drain #25	Walsh	23.18	3,017.86	3,041.04	1,631.48
1262	Ward County Drainage - General	Ward	29.66		29.66	
1263	Adams County Small Projects	Adams		286.88	286.88	
1269	Burke County Small Projects	Burke		135.75	135.75	
1271	Cass County Small Projects	Cass		114.96	307.59	
1275	Dunn County Small Projects	Dunn	192.63	84.81	84.81	
1282	Griggs County Small Projects	Griggs		53.90	53.90	
1283	Hettinger County Small Projects	Hettinger		174.39	174.39	
1289	McKenzie County Small Projects	McKenzie		42.17	42.17	
1290	McLean County Small Projects	McLean		52.25	52.25	
1291	Mercer County Small Projects	Mercer		53.63	53.63	
1293	Hountrail County Small Projects	Hountrail		52.75	52.75	
1295	Oliver County Small Projects	Oliver		234.30	234.30	
1297	Pierce County Small Projects	Pierce		5.08	5.08	
1302	Rolette County Small Projects	Rolette	31.72		31.72	
1305	Stout County Small Projects	Stout	114.82		114.82	
1306	Slope County Small Projects	Slope		260.72	260.72	
1308	Steele County Small Projects	Steele		68.34	68.34	
1313	Ward County Small Projects	Ward		29.04	29.04	
1315	Towner County Drainage	Towner	159.80		159.80	
1320	Willow Coulee Watershed	Pembina	444.44		301.85	
1325	Sterling Dam	Burleigh		257.41	257.41	
1328	Cass County Drain #23	Cass		5.68	5.68	
1331	Richland County Drain #14	Richland	24.64	12,811.82	12,811.82	
1337	Well Log Program	Various	285.45	32.47	57.11	
1342	Boundary Creek Watershed	Bottineau		167.28	285.45	
1343	Lake Agassiz Dam	Cass	1,114.99		1,114.99	
1344	Sheyenne River Flood Control	Various	179.50	310.86	490.36	
1346	Mt. Carmel Dam	Cavalier	4,491.07	9,777.95	14,269.02	
1347	Kindred Dam	Richland	48.73		48.73	
1348	Stutsman County Drainage - General	Stutsman	134.71	205.05	239.76	
1349	Colt Dam	Mercer	3,018.44		3,018.44	
1350	Lewis & Clark Trail Study	Various	254.19		254.19	
1351	English Coulee Outfall	Grand Forks	4,520.59	24,722.88	29,243.47	30,000.00

Project No.	Name	County	FY'67	FY'68	Total	Collections
			\$	\$	\$	\$
1352	Stutsman Drain #1	Stutsman	137.28		137.28	
1357	Lansford Water Supply	Bottineau	23.63		23.63	
1358	Sheep Creek Dam	Grant	2,446.36	1,088.96	3,535.32	
1359	Barnes County Drain #2	Barnes	104.72	141.77	246.49	
1361	Ray Railroad Dam	Williams	339.63		339.63	
1362	Rock Lake Dam	Towner	24.64		24.64	
1365	Grandin Water Supply	Cass	52.20		52.20	
1368	St. Thomas-Lodema Watershed	Pembina	111.10	26.82	137.92	
1370	Carlyle Watershed #1	Pembina	396.73		396.73	
1371	Midland-Drayton Watershed #1V	Pembina		31.35	31.35	
1376	Outdoor Recreation - General	Various	6,527.62	1,785.89	8,313.51	8,459.75
1377	Lucca Dam	Barnes-Cass		110.27	110.27	
1378	Clausen Springs	Barnes	39,404.13	46,190.43	85,594.56	47,259.88
1379	Sheldon Dam	Cass	167.02		167.02	
1380	North Enderlin Dam	Cass-Barnes	115.83		115.83	
1381	Scandia-Scotia Drain	Bottineau	75.08		75.08	
1382	Camel Hump Dam	Golden Valley	231.77	554.77	786.54	
1383	Durbin Dam	Cass	14.78		14.78	
1391	Park Board - General	Various	12.32		12.32	
1392	Missouri River Reservoir Operations	Various	216.30	276.78	493.08	
1393	Hydrologic Surveys - General	Various	30,676.82	39,936.35	70,613.17	
1394	Topographic Mapping - General	Various	24,794.36	66,056.98	90,851.34	
1395	Ground-Water Surveys - General	State-wide	68,271.06	60,115.87	128,386.93	
1396	Missouri Basin Comprehensive Planning	Various	3,565.34	1,240.78	4,806.12	
1397	Pollution Control - General	Various	759.37	366.33	1,125.65	
1398	Conservation Training Center	Various	170.27	619.11	619.11	
1400	Water Permits - General	State-wide	14,110.12	7,572.76	21,682.88	
1401	International Boundary Drain	Pembina	141.39	798.19	939.58	
1403	North Dakota Water Resources Research Institute	Various	2,263.23	118.09	2,381.32	
1407	Stanley Dam	Mountrail	1,068.83	7,102.20	8,171.09	
1409	Queen City Dam	Stark	102.98	54,596.37	54,699.35	37,636.17
1410	Hope Dam	Steele		64.90	64.90	
1412	Trail County Drain #40	Trail	9,592.83	456.02	9,592.83	
1415	Richland County Drain #66	Richland	48.73		48.73	
1416	Office of Economic Opportunity Program - General	Various	10,047.22		10,047.22	423.11

Project
No.

Project No.	Name	County	FY'67	FY'68	Total	Collections
1417	Trail County Drain #44	Trail	\$ 3,375.82		\$ 3,375.82	
1418	Big Coulee Dam	Towner	5,778.48	2,793.33	8,571.81	\$
1419	Walsh County Drain #8	Walsh	44.44		44.44	
1420	Trail County Drain #9	Trail	47.30	53.63	100.93	
1422	Balthausen-Moyer Cutoff	Cass		4,084.69	4,084.69	
1423	Office of Emergency Planning - General	Various	1,164.21	49.50	1,213.71	
1424	Northwood Dam	Grand Forks	3,112.79		3,112.79	
1425	Hatton Dam	Trail	4,185.40	69.74	4,255.14	
1426	Hettinger County Water Management District	Hettinger	54.88		54.88	
1430	Pilot Wells: - State-wide	Various	9,116.96	708.13	9,825.09	3,911.20
1432	Seaman Park Dam	Emmons	307.34		307.34	
1433	Whitman Dam	Nelson	597.87	52.80	650.67	
1434	Minnewaukan Dam	Benson	954.29		954.29	
1435	Green Lake	McIntosh		341.94	341.94	1,433.15
1437	Missouri River National Recreation Area	Various	50.60		50.60	
1438	Mulberry Creek Drain	Cavalier	100.39	214.50	314.89	
1442	Flowing Wells	Various	3,635.82	461.18	4,097.00	
1443	Richland County Drain #67	Richland	37.62	22,010.43	22,048.05	
1444	Pembina City Flood Control	Pembina	47.11	307.06	354.17	
1445	Grand Forks County Drain #32	Grand Forks	447.74		447.74	
1446	Grand Forks County Drain #33	Grand Forks	21.12		21.12	
1449	Wells County Drainage - General	Wells	88.00	117.15	205.15	
1450	None Drain	Barnes		23.38	23.38	
1451	Lake Metigoshe State Park	Bottineau	3,222.18		3,222.18	1,500.00
1453	Karey Dam	Hettinger		72.66	72.66	
1454	Tolley Water Supply	Renville	3,152.56	848.31	4,000.87	1,500.00
1455	Wilson Dam	Dickey	1,633.09	32,198.19	33,831.28	
1460	Ground-Water Recharge Research	Various	2,062.50	4,089.75	6,152.25	
1461	Pembina River Channel Change	Pembina	55.39	832.64	888.03	
1462	Osnabrock Dam	Cavalier	3,324.57		3,324.57	
1463	Willow City Water Supply	Bottineau		3,981.93	3,981.93	1,500.00
1464	Beulah Dam	Mercer	2,491.34	5,850.03	8,341.37	200.00
1466	Benson County Water Management District	Benson	56.74		56.74	

Project No.	Name	County	FY'67	FY'68	Total	Collections
1469	Big Buffalo Dam	Stutsman	\$ 119.94	\$ 6,285.98	\$ 6,405.92	\$ 200.00
1470	Makoti Water Supply	Ward		2,991.08	2,991.08	1,000.00
1471	Erie Dam	Cass		7,872.62	7,872.62	200.00
1474	Trail County Drain #43	Trail		128.81	128.81	
1475	Trail County Drain #45	Trail		115.87	115.87	
1476	Mayville-Hillsboro Water Supply	Trail		2,622.24	2,622.24	600.00
1477	Scophammer Dam	Renville		2,648.40	2,648.40	
1479	Holly-Harwood Dam	Cass		6,839.45	6,839.45	
1480	Meandered Lakes, North Dakota - General	Various		530.83	530.83	
1481	State Office Building	Burleigh		13,763.05	13,763.05	
1483	Wells County Drain #1	Wells		160.88	160.88	
1484	Walsh County Drain #29	Walsh		37.70	37.70	
1485	Van Hook Historical Park	Mountrail		55.83	55.83	
1486	Griggs County Drainage - General	Griggs		75.35	75.35	
1487	Hans Creek Dam	Dunn		271.98	271.98	200.00
1489	North Dakota Wetlands - General	Various		138.55	138.55	
1491	Hidatsa Indian Village	Hercer		1,395.86	1,395.86	
1492	Wells County Drain (Fessenden Drain)	Wells		53.63	53.63	
1493	Brag Dam	Griggs-Steele		851.53	851.53	200.00
1495	Lignite Resources Development	Various		1,828.62	1,828.62	
TOTALS			\$787,638.89	\$1,310,491.42	\$2,098,130.31	\$671,913.15

WATER RIGHTS
For Period From July 1, 1966 to June 30, 1968

APPLICATIONS FILED-----		188
Irrigation-----		89
Acres Requested-----	12,429.52	
Acre-Feet Requested-----	21,235.7	
Municipal-----		9
Acre-Feet Requested-----	52,607	
Industrial-----		15
Acre-Feet Requested-----	11,303.5	
Recreation-----		14
Acre-Feet Storage-----	11,834	
Acre-Feet Annual Use-----	5,314.8	
Stockwater, Fish & Wildlife-----		36
Acre-Feet Storage-----	2,426.55	
Acre-Feet Annual Use-----	1,036.4	
Flood Control-----		20
Acre-Feet Storage-----	9,520.09	
Acre-Feet Annual Use-----	2,310.3	
Municipal, Industrial, Irrigation Wildlife, Fish, Recreation Evaporation, Power, Pollution-----		1
Acre-Feet Requested-----	3,145,000	
Drainage Research-----		1
Acre-Feet Requested-----	400	
Municipal and Recreation-----		3
Acre-Feet Storage-----	13,400	
Acre-Feet Annual Use-----	7,790	

WATER RIGHTS
For Period From July 1, 1966 to June 30, 1968

APPLICATIONS APPROVED-----		172
Irrigation-----		79
Acres Approved-----	12,734.32	
Acre-Feet Approved-----	18,897.4	
Municipal-----		5
Acre-Feet Approved-----	51,294	
Industrial-----		14
Acre-Feet Approved-----	4,013.5	
Recreation-----		14
Acre-Feet Approved- storage-----	11,324	
Acre-Feet Approved- annual use-----	5,134.8	
Stockwater, Fish and Wildlife-----		35
Acre-Feet Approved- storage-----	2,320.5	
Acre-Feet Approved- annual use-----	1,039.9	
Flood Control-----		20
Acre-Feet Approved- storage-----	6,495.09	
Acre-Feet Approved- annual use-----	2,248.8	
Municipal, Industrial, Irrigation, Wildlife, Fish, Recreation, Evaporation, Power, Pollution-----		1
Acre-Feet Approved-----	3,145,000	
Drainage Research-----		2
Acre-Feet Approved-----	560	
Municipal and Recreation-----		2
Acre-Feet Approved- storage-----	4,995	
Acre-Feet Approved- annual use-----	2,242	
 Pending	 18	
Withdrawn	1	
Denied	2	

WATER RIGHT APPLICATIONS
July 1, 1966 to June 30, 1968

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1377	Nilles, Clarence, Almont	Morton	Unnamed trib. Heart River	32 storage 12 annual use		7-13-66	Approved
1378	Weekes, Donald E., Flasher	Grant	Unnamed Coulee trib. Heart River	81	81	7-29-66	Approved
1379	Howey, Eugene, Kief	Sheridan	Unnamed Stream trib. Closed Marsh area- Missouri River	35 storage 15 annual use		8-8-66	Approved
1380	Bartleson, Elmer, New Town	Mountrail	Unnamed Creek trib. Missouri River	21.9	21.9	8-10-66	Approved
1381	Erickson, Leonard, Rugby	Pierce	Unnamed Draw trib. Round Lake	29	14.4	8-10-66	Approved
1382	Walker, Jack O., Bismarck	Burleigh	Missouri River	154	77	8-11-66	Approved
1383	Pemina County Water Management District, Cavalier	Pemina	Willow Creek trib. Park and Red Rivers	2,175 storage 153 annual use		8- 6-66	Approved
1384	Leland, Ernest L., Sidney, Mont.	McKenzie	Sheep Creek and Hay Creek Draw trib. Bennie Pierre Creek	200	198	6-21-66	Approved
1385	Madler, Joseph B., New England	Hettinger	Intermittent Stream trib. Cannonball River	30	30	8-18-66	Approved
1386	Hall, Donald, Trotters	Golden Valley	Dry Run Creek trib. Beaver Creek and Little Missouri River	15	15	8-20-66	Approved
1387	Schneider, Reuben, Manning	Dunn	Unnamed Intermittent Draw trib. Crooked Creek and Knife River	48.8 storage 15 annual use		8-25-66	Approved
1388	Bourgois, Ervin, Bismarck	Burleigh	Ground-water	566	283	8-26-66	Approved

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1389	Pfeifle, Fred C., McClusky	Sheridan	Unnamed Creek trib. to Krueger Lake	22 storage 4 annual use		7-25-66	Approved
1390	Jensen, Ernest P., Williston	Divide	Unnamed Channel trib. to Sodium Lake	389.3	389.3	8-6-66	Approved
1391	Chalupnik, Albert, Dickinson	Dunn	Unnamed Intermittent Draw trib. Crooked Creek and Knife River	60 storage 25 annual use		8-31-66	Approved
1392	N. D. State Game and Fish Department, Bismarck	Rolette	Wakopa Creek trib. to Pembina River	330 storage 330 annual use		9-10-66	Approved
1393	Shaide, Guy, Cartwright	McKenzie	Charbonneau Creek trib. Yellowstone River	79.3	46.9	9-15-66	Approved
1394	Viall, Roy, Ray	Williams	Ground-water	360	240	9-9-66	Approved
1395	Rosknecht, Theodore, Grenora	Williams	Unnamed Creek trib. to Willow Creek and Missouri River	14	14	9-20-66	Approved
1396	Hought, D. M., Zahl	Williams	Unnamed Coulee trib. to Scoria Creek trib. to Little Muddy River, Lake Zahl	75	73.4	9-27-66	Approved
1397	Kilzer, Edmund, Bentley	Hettinger	Intermittent Draw trib. to Cannonball River	216 storage 90 annual use		9-27-66	Approved
1398	Dreveskracht, Boyd, Stanton	Mercer	Kineman Creek trib. to Knife River	56 storage 10 annual use		9-28-66	Approved
1399	N. D. State Game and Fish Department, Bismarck	Pierce	Buffalo Coulee trib. to North Fork Sheyenne River	2,100 storage 2,400 annual use		10-7-66	Approved
1400	McCarroll, Edward C., Tolley	Renville	Seven Mile Coulee trib. to House River	35.6 storage 13.6 annual use		10-7-66	Approved
1401	Nygren, Helge, Flasar	Morton	Unnamed Coulee trib. to Heart River	92.3 storage 22.5 annual use		10-27-66	Approved

No.	Name and Address	County	Source	A Feet	Acres	D Claim	Status
1402	Njos, John, Rhame	Bowman	Dry Creek trib. to Little Missouri River	15.6	15.6	11-9-66	Approved
1403	Helgeson, Norman, Alamo	Williams	Ground-water	218.4	109.2	11-9-66	Approved
1404	Beard, Robert, Williston	Williams	Unnamed Coulee, trib. to Painted Woods Creek and Missouri River	20.7	20.7	11-9-66	Approved
1405	Bculah, City of	Mercer	Knife River	100		11-14-66	Approved
1406	Thyberg, Marvella, Washburn	McLean	Unnamed Coulee, trib. to Missouri River	31 storage 12 annual use		11-17-66	Approved
1407	Lund, Howard, Ray	Williams	Ground-water	290	145	11-19-66	Approved
1408	Texaco, Inc., Denver	Stark	Ground-water	80		11-4-66	Approved
1409	Yellowstone Pumping Irrigation District,	McKenzie	Ground-water	1,500	727.3	11-21-66	Approved
1410	Cullen Bros., Hensler	Oliver	Unnamed Coulee trib. to Missouri River	164 storage 82.5 annual use		12-22-66	Approved
1411	Oberlander, Herbert Stanton	Mercer	Knife River and Back Water from Missouri River	102	68	12-28-66	Approved
1412	Schutt, Paul, Jamestown	Stutsman	Ground-water	72	48	12-17-66	Approved
1413	Minot, City of	Ward	Garrison Reservoir	50,000		1-10-67	Approved
1414	Surrey, Village of	Ward	Ground-water	34		1-16-67	Approved
1415	Agricultural Research Service, Mandan	Grand Forks	Ground-water	400		1-26-67	Approved
1416	U. S. Bureau of Reclamation Billings, Montana	25 Counties	Missouri	3,145,000		2-19-67	Approved
1417	Hanson, Jr., Albert, Watford City	McKenzie	Unnamed trib. to Tobacco Garden Creek trib. to Missouri River	164.5	164.5	2-17-67	Approved

No.	Name and Address	County	Source	Acres- Feet	Acres	Date of Claim	Status
1418	Robinson, Dave & Clark, Coleharbor	McLean	Unnamed trib. to Missouri River	88.1 storage 24.3 annual use		2-20-67	Approved
1419	Hatton, City of	Steele	Goose River trib. to Red River	200		2-27-67	Approved
1420	Oynes, Lars, Blaisdell	Mountrail	Ground-water	468	312	3-1-67	Approved
1421	Vander Wal, Karl, Pollock, South Dakota	Emmons	Unnamed trib. to Unnamed Slough and Missouri River	25	25	3-13-67	Approved
1422	Trail County Water Management District, Hillsboro	Trail	Elm River trib. to Red River	468 storage 321 annual use		3-25-67	Approved
1423	Masset, Peter A., Linton	Emmons	Beaver Creek and Missouri River	350.4	175.2	3-29-67	Approved
1424	Grant County Water Management District, Elgin	Grant	Sheep Creek trib. to Cannonball River	1,160 storage 255 annual use		4-10-67	Approved
1425	Horne, Victor A., Jr., Reynolds	Trail	Ground-water	15		4-18-67	Approved
1426	Skorpi, Raymond, Cartwright	McKenzie	Ground-water	58	29	4-4-67	Approved
1427	Peters, John P. and Joseph J. Zent, Lefor	Stark	Intermittent Draw trib. Heart River	27.3 storage 13 annual use		4-8-67	Approved
1428	Mayville Park Board	Trail	Goose River trib. Red River	40	57.7	4-25-67	Approved
1429	Sargent County Water Management District, Forman	Sargent	Unnamed Trib. to Wild Rice River and Red River	170 storage 94 annual use		5-4-67	Approved
1430	Sargent County Water Management District, Forman	Sargent	Unnamed Trib. to Wild Rice River and Red River	148 storage 94 annual use		5-4-67	Approved
1431	Sargent County Water Management District, Forman	Sargent	Unnamed trib. to Wild Rice River Trib. to Red River	25 storage 15 annual use		5-4-67	Approved

No.	Name and Address	County	Source	Acres Feet	Acres	of Claim	Status
1432	Pribyl, Edmund A., Manning	Dunn	Crooked Creek trib. to Knife River	33	33	5-5-67	Approved
1433	Mehrer, Arnold, Mott	Hettinger	Intermittent Stream trib. to Alkali Flat and Cannonball River	35 storage 7.5 annual use		5-6-67	Approved
1434	Dvorak, Charles J., Manning	Dunn	Crooked Creek trib. to Knife River	32	32	5-6-67	Approved
1435	Pre-Mix Concrete, inc. Grand Forks	Grand Forks	English Coulee trib. to Red River	24		5-9-67	Approved
1436	McKenzie County Park Board Watford City	McKenzie	Timber Creek trib. to Missouri River	320 storage 150 annual use		5-1-67	Approved
1437	Seefeldt, Ronald & Pearl, Grand Rapids	LaMoure	Unnamed Intermittent Stream trib. to James River	160 storage 40 annual use		5-12-67	Approved
1438	Frank Lynch Estate, Fargo	Cass	Maple River trib. to Sheyenne River	653	653	4-29-67	Approved
1439	Northern Improvement Co., Bismarck	Burleigh	Ground water	61.5		5-13-67	Approved
1440	Maple River Water Management District, Casselton	Cass	Buffalo Creek trib. to Maple River and Red River	189 storage 92 annual use		5-13-67	Approved
1441	Maple River Water Management District, Casselton	Cass	Unnamed trib. to Buffalo Creek, Maple River, Red River	412 storage 260 annual use		5-13-67	Approved
1442	Maple River Water Management District, Casselton	Cass	Swan Creek trib. to Maple and Red Rivers	89 storage 88 annual use		5-13-67	Approved
1443	Schlecht, Jacob Edgeley	LaMoure	Unnamed Creek trib. to Cottonwood Creek and James River	122 storage 29 annual use		5-18-67	Approved
1444	Bisbee, City of	Towner	Big Coulee trib Mauvais Coulee and Lake Alice	1,425 storage 625 annual use		3-23-67	Approved

No.	Name and Address	County	Source	Acres- Feet	Acres	Date of Claim	Status
1445	Steiner, Max, Mott	Hettinger	Unnamed Intermittent Stream trib. Heart River	70 storage 19.5 annual use		5-12-67	Approved
1446	Maher, Joseph M., Morristown, South Dakota	Grant	Dry Draw trib to Cedar Creek and Missouri River	43.5	87	5-12-67	Approved
1447	Langlee, Tommy, Bowman	Bowman	Unnamed Dry Small Watershed trib. to Spring Creek (Grand River)	21	42	3-18-67	Approved
1448	Pembina County Water Management District, Cavalier	Pembina	Unnamed Trib. to Tongue and Red Rivers	107.5 storage 76 annual use		6-3-67	Approved
1449	Pembina County Water Management District, Cavalier	Pembina	Unnamed trib. to Tongue and Red Rivers	82.38 storage 50 annual use		6-3-67	Approved
1450	Pembina County Water Management District, Cavalier	Pembina	Unnamed trib. to Tongue and Red Rivers	80 storage 55 annual use		6-3-67	Approved
1451	Pembina County Water Management District, Cavalier	Pembina	Unnamed trib. to Tongue and Red Rivers	61.17 storage 21 annual use		6-3-67	Approved
1452	Pembina County Water Management District, Cavalier	Pembina	Unnamed trib. to Tongue and Red Rivers	101.08 storage 72 annual use		6-3-67	Approved
1453	Pembina County Water Management District, Cavalier	Pembina	Tongue River trib. to Red River	1,225.5 storage 612 annual use		6-3-67	Approved
1454	Pembina County Water Management District, Cavalier	Cavalier	Unnamed trib. to Tongue and Red Rivers	74.10 storage 28 annual use		6-3-67	Approved
1455	Pembina County Water Management District, Cavalier	Cavalier	Unnamed trib. to Tongue and Red Rivers	32.02 storage 13 annual use		6-3-67	Approved
1456	Pembina County Water Management District, Cavalier	Cavalier	Unnamed trib. to Tongue and Red Rivers	12.32 storage 6 annual use		6-3-67	Approved
1457	Pembina County Water Management District, Cavalier	Cavalier	Tongue River trib. to Red River	301.50 storage 80 annual use		6-3-67	Approved

No.	Name and Address	County	Source	Acre- Foot	Acres	Date of Claim	Status
1458	Martin, Paul F., Buford	Williams	Intermittent Draw trib. Yellowstone River	78.3	78.3	5-4-67	Approved
1459	Gulke, William, Ellendale	Dickey	Ground-water and Elm River	88	88	6-12-67	Denied
1460	Wachter Real Estate Trust and Dakota Sand & Gravel, Bismarck	Burleigh	Ground-water	50		6-17-67	Approved
1461	Klaudt, Rhine J., Linton	Emmons	Unnamed trib. to Beaver Creek and Missouri River	20	20	6-22-67	Approved
1462	Price Brothers, Hensler	Oliver	Missouri River and Ground-water	1,886	943	6-26-67	Approved
1463	Hagan, O. L., Bismarck	Emmons	Missouri River	66	33	6-30-67	Approved
1464	Rebel, Tony J., Richardson	Stark	Intermittent Draw trib. to Heart River	22 storage 9 annual use		7-1-67	Approved
1465	Streich, Orrin R. and Luella Englevale	Ransom	Ground-water	1,030	824.12	7-13-67	Approved
1466	Gerbig, John, Amlidon	Billings	Unnamed Intermittent Draw trib. to Little Missouri River	16.8	8.4	7-19-67	Approved
1467	Bice, Fay, Killdeer	Dunn	Unnamed Intermittent Draw trib. to Spring Creek and Knife River	65	65	7-25-67	Approved
1468	Cartwright Irrigation District	McKenzie	Ground-Water	1,000	500	7-21-67	Approved
1469	Napoleon, City of	Logan	Ground-Water	1,000		7-29-67	Approved
1470	N. D. State Game and Fish Bismarck	Williams	Blacktail Creek trib. to Little Muddy and Missouri Rivers	830 storage 90 annual use		7-28-67	Approved
1471	Pederson, H. J., Cartwright	McKenzie	Horse Creek trib. to Yellowstone River	39.3 storage 39.3 annual use		8-1-67	Approved

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1472	Neilson, LeRoy, Kenmare	Ward	Unnamed Coulee Runoff trib. Des Lacs and Souris Rivers	88 storage 25 annual use		8-2-67	Approved
1473	Kittelson, Jerry, Velva	Ward	Unnamed Coulee Runoff and Spring Flow, trib. Mouse River	66 storage 14.5 annual use		8-5-67	Approved
1474	Valley City Aerie #2192 F.O.E.,	Barnes	Sheyenne River	4.5	3	8-11-67	Approved
1475	Schwalbe, Alfred, Killdeer	Dunn	Unnamed Intermittent Draw trib. to Little Missouri River	75 storage 31 annual use		8-22-67	Approved
1476	Hanson, Ralph W., Carson	Grant	Louse Creek and trib. to Louse Creek and Cannonball River	179.7	179.7	8-23-67	Approved
1477	Gronaas, Clemet, Tolne	Nelson	Intermittent Stream trib. to Sheyenne River	30.5 storage 57 annual use		9-7-67	Approved
1478	Burke County Water Management District, Bowbells	Burke	Stoney Run Creek trib. Des Lacs River	1,300 storage 459 annual use		9-12-67	Approved
1479	Berg, Lloyd O., Zehl	Williams	Unnamed Coulees, trib to Little Muddy Creek	36	36	9-13-67	Approved
1480	Johnson, Stafford, Appam	Williams	Little Muddy Creek Trib. Missouri River	84	84	9-13-67	Approved
1481	Bureau of Sport Fisheries and Wildlife, Minneapolis	Stutsman	Tributary to Pipestem Creek	171 storage 162 annual use		9-14-67	Approved
1482	Hjelle, Brandt V., Bismarck	Emmons	Badger Creek trib. Missouri River backwater	57.5	28.75	9-15-67	Approved
1483	Mosepka, A. F., Dickinson	Golden Valley	Bullion Creek trib. to Little Missouri River	47.4	47.4	9-16-67	Approved
1484	Northside Feeders, Tioga	Williams	Unnamed Trib. to Missouri River	70.3	70.3	9-20-67	Approved

No.	Name and Address	County	Source	Acres	Feet	Claim	Status
1485	Gibbons, Loyd T., Thunderhawk, South Dakota	Grant	Unnamed Intermittent Draw trib. to Cannonball River	30.6	30.6	9-21-67	Approved
1486	Gustafson, Alfred, Marshall	Dunn	Knife River	66	66	9-16-67	Approved
1487	Murphy, Jack R., Killdeer	Dunn	Unnamed Intermittent Tributary to Jim's Creek and Little Missouri River	57.5 storage 18 annual use		9-18-67	Approved
1488	Basaraba, John H., Wilton	McLean	Unnamed Trib. to Painted Woods Creek Trib. to Missouri River	36 storage 18 annual use		9-22-67	Approved
1489	Zavalney, Ted, Parshall	Mountrail	Ground-Water	25		9-23-67	Approved
1490	Christanza Madsen and Richard H. McGee, Trustees under the Last Will & Testament of Einar A. Madsen, Deceased, Minot	Ward	Ground-Water	176.1	176.1	9-27-67	Approved
1491	Walsh County Water Management District, Grafton	Walsh	North Branch Forest River trib. Red River	75.6 storage 94.8 annual use		9-27-67	Approved
1492	Schell, John, Morristown, South Dakota	Grant	Unnamed Intermittent Draw, trib. Cedar Creek and Missouri River	47.4	47.4	10-2-67	Approved
1493	North Dakota State Game and Fish Department, Bismarck	Ransom	Unnamed Coulee trib. to Sheyenne River	90 storage 15 annual use		10-3-67	Approved
1494	Leftwich, Calvin, Hansboro	Towner	Small Coulee trib. Hidden Island Coulee trib. Pembina River	14 storage 7.5 annual use		10-5-67	Approved
1495	Hexem, Alvin, Grenora	Williams	Unnamed Coulee trib. Cottonwood Coulee and Missouri River	18	18	10-6 -67	Approved
1496	Bismarck Park Board	Burleigh	Ground-Water	450		10-8-67	Approved

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1497	Redlin, Paul and Conrad Woodworth	Stutsman	Unnamed Coulee trib. Fisher Lake	66.5 storage 21 annual use		10-6-67	Approved
1498	Schriock, Alex, Lark	Grant	Unnamed Intermittent Draw trib. Heart River	41.55 storage 16 annual use		10-9-67	Approved
1499	Zenker, Wilmer, Regent	Hettinger	Unnamed Intermittent Draw trib. Coalbank Creek and Cannonball River	94 storage 42 annual use		10-10-67	Approved
1500	Judy-Jo Ranch, Bismarck	Burleigh	Unnamed Coulee trib. to Burnt Creek and Missouri River	15	15	10-10-67	Approved
1501	Hunt, George, Jamestown	Stutsman	Unnamed trib. to Seven Mile Coulee and James River				Withdrawn
1502	North Dakota State Penitentiary Bismarck	Burleigh	Ground Water	360	240	10-11-67	Approved
1503	Kvanvig, George, Hettinger	Adams	Unnamed Intermittent Draw, trib. to Flat Creek, trib. to Cannonball River	10	7	10-11-67	Approved
1504	Triebold, Vernon, Oriska	Barnes	Unnamed Creek, trib. to Maple River and Sheyenne River	54 storage 24 annual use		10-21-67	Approved
1505	Stevens, Joe, Valley City	Barnes	Unnamed Creek trib. to Sheyenne River	96 storage 36 annual use		10-21-67	Approved
1506	Jacobson, Hollis, Valley City	Barnes	Sheyenne River	15	15	10-21-67	Approved
1507	Kocourek, John, Driscoll	Burleigh	Unnamed Coulee trib. Stony Sough, trib. Missouri River	40.8	40.8	11-15-67	Approved
1508	Northland Research Company, Minneapolis	Cass	Maple River trib. to Sheyenne River	1000		8-18-67	Approved

No.	Name and Address	County	Source	Ac Feet	Acres	Claim	Status
1509	Northland Research Company, Minneapolis	Cass	Underground	1000		8-18-67	Pending
1510	Feist, Peter, Selfridge	Stout	Intermittent Stream trib. to Porcupine Creek and Missouri River	36 storage 15 annual use		12-9-67	Approved
1511	Schoonover, Albert, Ft. Rice	Morton	Unnamed Coulee trib. Missouri River	360	280	12-22-67	Approved
1512	Cavalier County Water Management District, Langdon	Cavalier	Little Pembina River trib. Pembina River	3570 storage 1617 annual use		1-9-68	Approved
1513	Beulah Tri-County Development Corporation, Beulah	Mercer	Brush Creek and Knife River trib. Missouri River	(1)3660 storage (2)2560 storage (3)100 storage 11,000 annual use 1,125 evaporation loss		1-12-68	Pending
1514	Rustad, D. Norman, Zahl	Williams	Unnamed Coulees trib. Pats Coulee and Little Muddy Creek, Missouri River	35.3	35.3	1-16-68	Approved
1515	Kunz, James, Bowdon	Wells	Unnamed Channel trib. Pipe Stem Creek	40 storage 15 annual use		2-16-68	Approved
1516	Terra Flats, Minot	McLean	Missouri River	2632.6	1316.3	2-20-68	Approved
1517	Enderlin Golf Club, Enderlin	Ransom	Ground Water	85.8	53	2-19-68	Approved
1518	Zacharias, Vincent E. & Sons Kathryn	Ransom	Ground Water	793	634.65	2-20-68	Approved
1519	Horob, Larry, Williston	Williams	Unnamed Coulee trib. Missouri River	25	25.8	2-23-68	Approved
1520	New Leipzig, City of	Grant	Underground	60		2-28-68	Approved
1521	Sveen, Woodrow N., White Earth	Williams	Unnamed Coulees trib. Garrison Reservoir	130	144.2	2-28-68	Approved

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1522	Nylander, Kenneth, Tloga	Williams	Unnamed Coulee, White Earth Creek and Garrison Reservoir	36	40.3	3-2-68	Approved
1523	Kudrna, Edward, Manning	Dunn	Crooked Creek trib. Knife River	55	55	3-2-68	Approved
1524	Luger, R. B., Fort Yates	Sioux	Oahe Reservoir	952	476	3-3-68	Approved
1525	West Dickey County Water Management District, Ellendale	Dickey	Unnamed Stream trib. Maple River and James River	341.4 storage 175.8 annual use		3-2-68	Approved
1526	Kary, John, Solen	Sioux	Battle Creek trib. Missouri River	18	18	3-7-68	Approved
1527	Hughes, Howard, Fairview, Mont	McKenzie	Four Mile Creek trib. Missouri River	100	50	3-12-68	Approved
1528	Stenhjem, C. L., Kindred	Cass	Sheyenne River	212	212	3-2-68	Approved
1529	Krenz Bros., Wheelock	Williams	Garrison Reservoir	135	90.5	3-14-68	Approved
1530	Rush River Water Management District, Fargo	Cass	Rush River, trib. Red River	1660 storage 390 annual use		3-14-68	Approved
1531	Rippley, Billy M., Bismarck	Burleigh	Apple Creek trib. Missouri River	60	30	3-27-68	Denied
1532	Cushing, Mrs. Charles, Arnegard	McKenzie	Intermittent Draw trib. Cherry Creek and Little Missouri River	50	26	3-28-68	Approved
1533	Bakke, George, Williston	Williams	Sandy Creek trib. Missouri River	60	41	3-29-68	Approved
1534	Texaco Co., Denver, Colo.	McKenzie	Underground	940		4-2-68	Approved
1535	Mountrail County Water Management District Stanley	Mountrail	White Earth River trib. Garrison Reservoir	1580 storage 525 annual use		4-8-68	Approved

No.	Name	Address	Source	Golden Valley	Source	Acres	Area	Acres	Date of In	Status
1536	Mayo, Joe & Sons, Cavalier		Golden Valley	Sentinel Butte trib. to Andrews Creek and Little Missouri River	15				4-15-68	Approved
1537	Ketterling, Raymond, Zeeland		McIntosh	Unnamed (non-contributing) trib. Beaver Creek	12.3			12.3	4-17-68	Approved
1538	Great Northern Railway Co. St. Paul, Minnesota		Ward	Underground	335				4-1-68	Approved
1539	Great Northern Railway Co. St Paul, Minnesota		Williams	Underground	28				4-1-68	Approved
1540	Tollefsrud, Alvin, Rhame		Bowman	An Unnamed Creek trib. Little Missouri River	37			36	4-20-68	Approved
1541	Anderson, Verne, Cartwright		McKenzie	Unnamed Intermittent Draw trib. Yellowstone River	110			110	4-23-68	Approved
1542	Frounfelter, Guy S., Granville		McHenry	Underground	1350.1			963.4	4-23-68	Approved
1543	Jamestown, City of		Stutsman	Unnamed Coulee trib. James River	813 storage 345 annual use				4-24-68	Approved
1544	Kadmas, Irvin, Killdeer		Dunn	Unnamed Dry Stream trib. Knife River	27 storage 15 annual use				4-24-68	Approved
1545	Linton Golf Club		Emmons	Spring Creek and Beaver Creek trib. Missouri River	48			48	4-26-68	Approved
1546	Vander Wal, Karl Pollock, South Dakota		Emmons	Oahe Reservoir	174			87	5-1-68	Approved
1547	Walsh County Water Management District, Grafton		Walsh	Middle Branch Park River trib. Park River	3025 storage 61.5 annual use				5-3-68	Pending

No.	Name and Address	County	Source	Acre- Feet	Acres	Date of Claim	Status
1548	Leonard Golf Club, Leonard	Cass	Buffalo Coulee trib. County Drain #15 Maple & Sheyenne Rivers	50	25	5-13-68	Pending
1549	Cando Golf Club, Cando	Towner	Underground	4	2	5-14-68	Pending
1550	Texaco Inc., Denver	McKenzie	Underground	940		5-20-68	Approved
1551	Schlecht, Reinhold, Edgeley	LaMoure	Unnamed trib. Maple Creek, Maple and James Rivers	156 storage 57 annual use		5-28-68	Pending
1552	Wilson, Sr., Cecil, Watford City	McKenzie	Tobacco Garden Creek and Missouri River backwater trib. Garrison Reservoir	90	45	5-29-68	Pending
1553	Cook, Joseph B. and James K. Hazen	Mercer	Knife River	267.4	267.4	5-31-68	Pending
1554	U. S. Forest Service, Billings	Golden Valley	Unnamed Intermittent Creek trib. Andrews Creek and Little Missouri	23.1 storage 10.5 annual use		5-31-68	Pending
1555	Wright, Perry, Arnegard	McKenzie	Unnamed Intermittent Draw trib. Little Missouri	49	24.6	6-4-68	Pending
1556	Dickinson, City of	Stark	Green River trib. Heart River	13,400 storage 7,790 annual use		6-5-68	Pending
1557	Pan American Petroleum Corp. Tulsa, Oklahoma	Burke	Underground	470		6-7-68	Approved
1558	Stanley, City of	Hountrail	Little Knife River trib. Missouri River	791 storage 759 annual use		6-11-68	Pending
1559	Hauck, Adam, Richardson	Dunn	Unnamed Intermittent Draw trib. Knife River	122	61	6-14-68	Pending

No.	Name and Address	County	Source	Ac Feet	Acres	Op of Claim	Status
1560	Medora, City of	Billings	Underground	160		6-18-68	Pending
1561	Kathryn, City of	Barnes	Underground	250		6-21-68	Pending
1562	North Dakota State Game and Fish Dept., Bismarck	Golden Valley	Unnamed Intermittent Stream trib. Andrews Creek and Little Missouri River	760 storage 180 annual use		6-25-68	Pending
1563	Emerado, City of	Grand Forks	Underground	112		6-25-68	Pending
1564	Christensen, Ronald, Driscoll	Burlleigh	Unnamed Intermittent Streams, noncontributing area of Missouri River	23	45.4	6-28-68	Pending

I N D E X

Bonds and Interest Receivable.....	6
Construction Bond Guarantee Fund.....	6
Commission Members and Employees.....	3
Disbursements, Recap of.....	7
Financial Statement.....	5
Meetings of Water Commission.....	4
Organization Chart.....	2
Project Costs and Collections.....	8
Water Rights.....	19