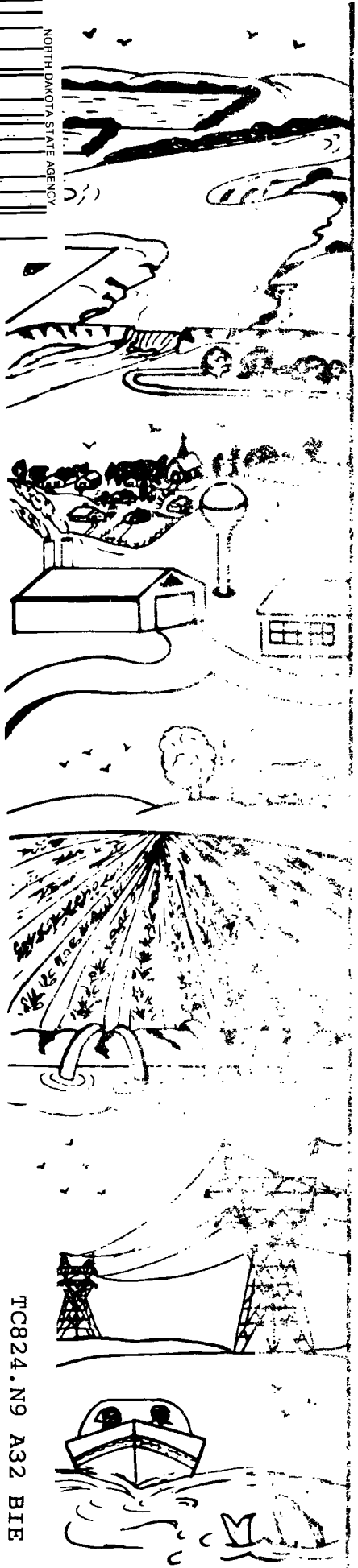


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NORTH DAKOTA STATE AGENCY



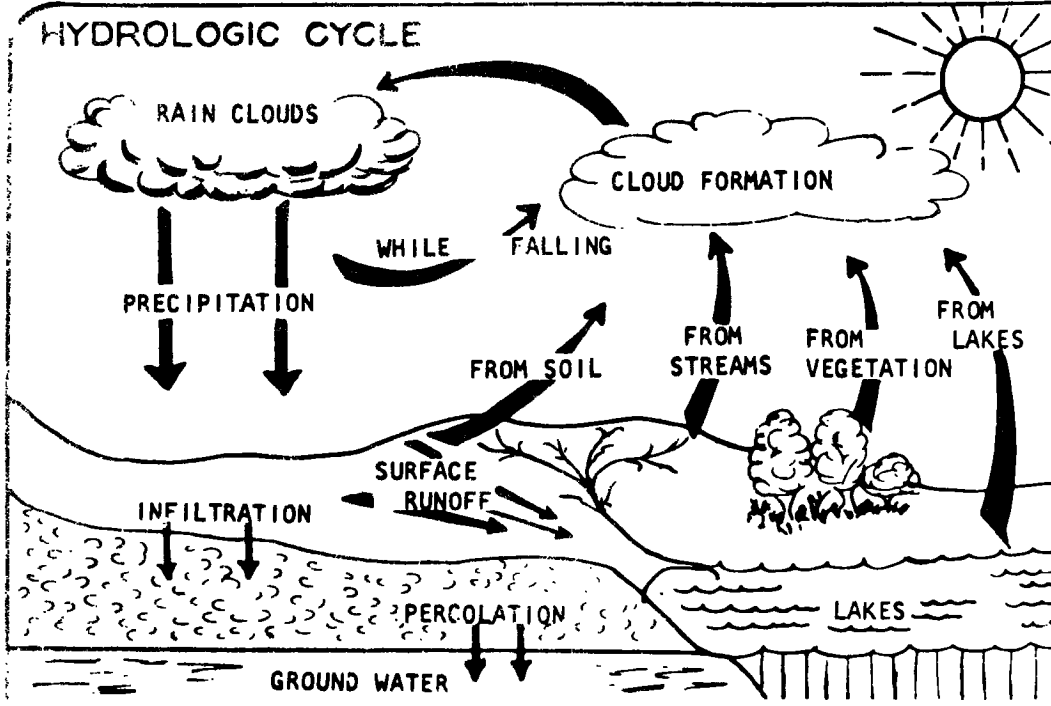
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"BUY NORTH DAKOTA PRODUCTS"

Report of
NORTH DAKOTA STATE WATER COMMISSION
 State Office Building
 BISMARCK, NORTH DAKOTA
 58501

ANNUAL REPORT

FOR THE PERIOD
 July 1, 1972 to June 30, 1973
 Information Series No. 14



ANNUAL REPORT
NORTH DAKOTA
STATE
WATER COMMISSION

PROPERTY OF
ND STATE WATER COMMISSION

FOR THE PERIOD
July 1, 1972 to June 30, 1973
Information Series No. 14

Honorable Arthur A. Link
Governor of North Dakota
State Capitol
Bismarck, North Dakota 58501

RE: Fiscal Year 1973 Annual Report
SWC File C6-1

Dear Governor Link:

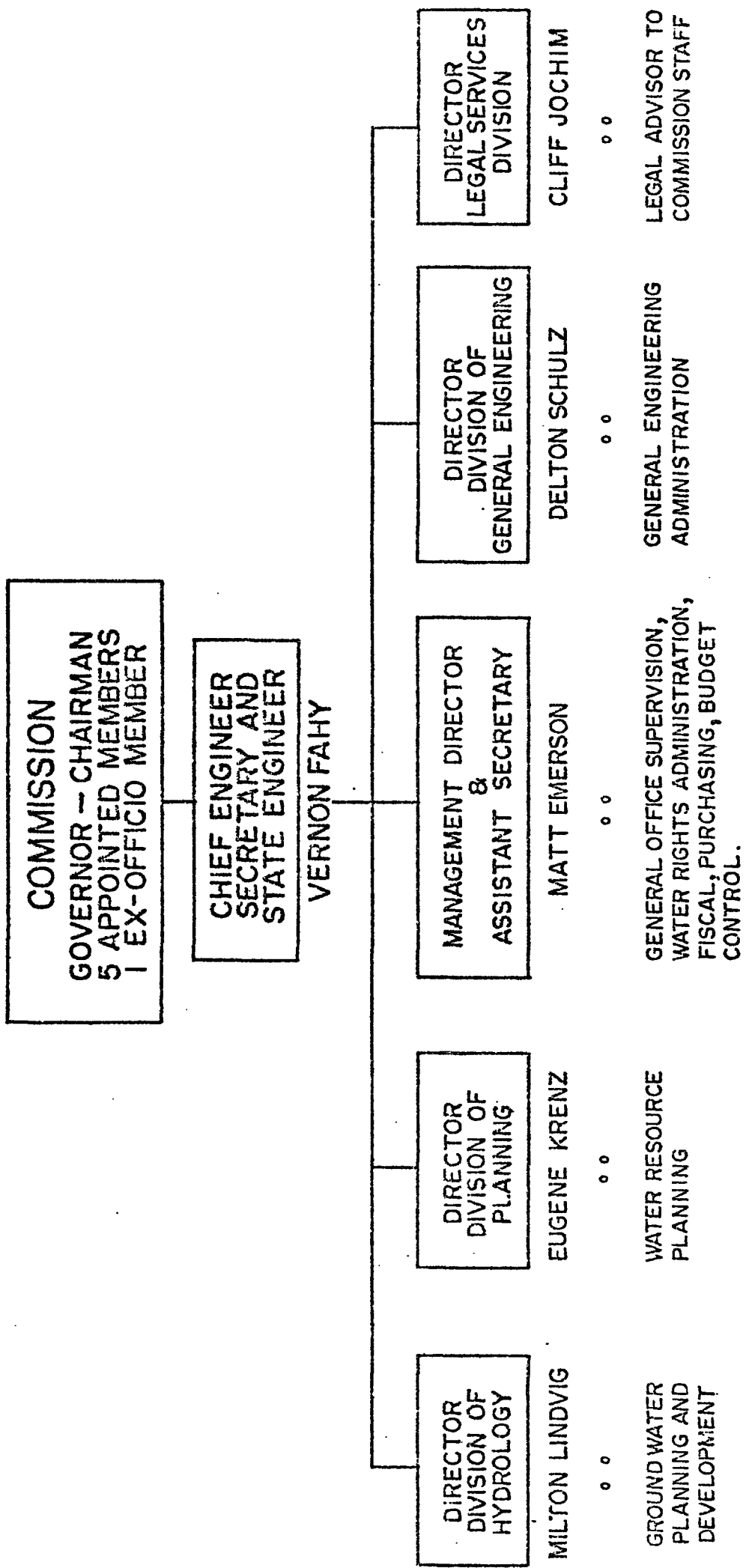
In compliance with North Dakota laws, we transmit for your information and consideration the Annual Report of the North Dakota State Water Commission and the State Engineer for the period July 1, 1972 to June 30, 1973.

Respectfully submitted,

RICHARD P. GALLAGHER,
Vice Chairman

JAMES R. JUNGROTH
ALVIN A. KRAMER
GORDON K. GRAY
DONALD E. NOTEBOOM
ARNE DAHL

VERNON FAHY
Secretary and Chief Engineer
State Engineer



COMMISSION MEMBERS AS OF JUNE 30, 1973

Commission Members:

Name	Position	Date Appointed	Term Ends
Governor Arthur A. Link	Chairman		
Richard P. Gallagher	Vice - Chairman	April 18, 1973	July 1, 1979
James R. Jungroth	Member	April 18, 1973	July 1, 1975
Gordon Gray	Member	April 18, 1973	July 1, 1977
Donald E. Noteboom	Member	April 18, 1973	July 1, 1977
Alvin A. Kramer	Member	April 18, 1973	July 1, 1979
Arne Dahl	Ex-officio Member		

COMMISSION MEETINGS

Date	Location
August 24, 1972	Bismarck
October 5, 1972	Bismarck
October 19, 1972	Bismarck
December 18, 1972	Mandan
January 10, 1973	Bismarck
February 21, 1973	Beulah
March 28, 1973	Bismarck
April 24-25, 1973	Bismarck
May 9, 1973	Grand Forks
June 12, 1973	Devils Lake

NORTH DAKOTA STATE WATER COMMISSION

CREATION AND AUTHORITY.--The Commission was created in 1937 by the 25th Session of the Legislative Assembly. Originally the Commission authorized was the Governor and six appointed members. In 1939 the Legislature reduced the number of members to five including the Governor and in 1949 the Commission was increased in size to seven members like it is at present as mentioned in the paragraph regarding organization. The Commission meets at regular intervals at the call of the Chairman in the principal office at Bismarck or at such special places as may be designated.

OBJECTIVES.--The Commission has authority to investigate, plan, regulate, undertake, construct, establish, maintain, control, operate and supervise all works, dams and projects to achieve any of the following objectives: Provide water supplies for domestic, agricultural, municipal and industrial, irrigation, recreation and wildlife needs; control stream flow and channeling; provide for drainage of lands injured by excessive rainfall or water diversions; provide water for generation of electric power; develop and conserve waters within natural watersheds and provide for trans-basin diversion if deemed necessary; prepare and maintain a statewide master plan for future water resources development; and establish rules and regulations for the control of water supplies in the State.

ORGANIZATION.--The State Water Commission is located at the State Office Building near the State Capitol in Bismarck, North Dakota. The Commission is made up of the Governor as Chairman, the Commissioner of Agriculture as an ex-officio member and five appointed members who are appointed by the Chairman to serve terms of six years each. The terms of office for appointees are so arranged that one term and not more than two terms shall expire on the first day of July of each odd numbered year. The Commission appoints a Secretary-Chief Engineer as their executive officer and he employs a staff as may be needed.

ACTIVITIES.--In light of the responsibilities delegated by the State Legislature, the State Water Commission has promulgated a comprehensive state water resources program as follows:

1. Administration of the State's water laws and representation of the State's interest in water on federal and international levels;
2. Preparation and maintenance of a statewide master plan for future water resources development, including the collection of basic data;
3. Investigation and direction of planning of the development of water resources projects in accordance with the master plan;
4. Coordination of the program and projects of federal, state and local agencies in water resources planning and development and research; and cooperation with water management and other entities in planning and completing water resources development projects;

5. Organization of various types of legal entities through which water resources projects can be completed and operated;

6. Construction and repair of dams, drains and other water management facilities;

7. Appearances before federal agencies and congressional committees relative to appropriations and enactment of proposed legislation that may aid or oppose the state water resources development program;

8. Investigate or determine the ground-water availability in the state for municipal, agricultural and industrial uses; and

9. The Commission participates financially through a "contract fund" in water resources projects sponsored by legal entities. The amount of participation is determined for each individual project with considerations given to the need of the project and the availability of financial contributions by other agencies and entities.

PUBLICATIONS.--A list of publications is available at the Commission office located in the State Office Building, Bismarck, North Dakota 58501.

NORTH DAKOTA STATE WATER COMMISSION
 FINANCIAL STATEMENT JULY 31, 1973
 1971-73 APPROPRIATIONS

C5-1.2

GENERAL OPERATIONS ACCOUNT	Available Funds		Disbursements		Account Balances UNEXPENDED
	APPROPRIATION	RECEIPTS	TO DATE	JULY '73	
1001-Salaries Expense (1)	\$ 934,621.00	\$ -	\$ 907,919.53	\$ 46,630.25	\$ 26,701.47
2001-Fees & Services	162,625.00	-	159,010.57	6,512.02	3,614.43
2051-Data Processing	4,500.00	-	4,446.76	-	53.24
3001-Supplies & Materials	163,600.00	-	163,498.87	1,899.17	101.13
4001-Equipment	25,000.00	-	24,898.31	-	101.69
7701-Red Basin Comm.	<u>60,000.00</u>	-	<u>60,000.00</u>	-	-
TOTAL GENERAL OPERATIONS	\$1,350,346.00	\$ -	\$1,319,774.04	\$ 55,041.44	\$ 30,571.96
7721-West River Diversion (2)	\$ 132,400.00	\$ -	\$ 127,661.93	\$ 4,264.80	\$ 4,738.07
CONTRACT FUND					
336-770-Contract "Cash"	\$1,000,000				
Contract Collections	900,000	\$ 835,550.72			
Collection to Date	\$1,900,000	1,000,000.00			
Transfer from 001 to 336					
TOTAL CONTRACT FUND	\$1,900,000.00	\$1,835,550.72	\$1,807,437.32	\$ 87,406.15	\$ 28,113.40 (3)
GRAND TOTALS	<u>\$3,382,746.00</u>		<u>\$3,254,873.29</u>	<u>\$146,712.39</u>	<u>\$ 63,423.43</u>

(1) Includes \$88,550.00 Federal Grant
 Includes \$15,000.00 Emergency Comm. Authorization to Supervise \$181,934 Public Works Project

(2) Includes \$32,400.00 Federal Grant

(3) \$28,113.40 net contract fund account balance based upon net collection and transfer of \$1,835,550.72

NORTH DAKOTA STATE WATER COMMISSION
Project Expenditures and Collections
July 1, 1972 to June 30, 1973

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY '73 Total</u>	<u>Collections</u>
213	Sioux I. D.	McKenzie	\$ 169.72	\$
221	Burlington Dams	Ward	1,771.93	
222	Buford-Trenton I. D.	Williams	619.38	
232	Knife River	Various	16.63	
235	Goose River F. C.	Traill	7,921.77	
237	Missouri River Diversion	Various	268.36	
259	Kulm Dam	LaMoure	11.55	
262	Cannonball & Cedar R.	Various	5,523.67	
305	Red River Basin	Various	44,173.83	
314	Gascoyne Lake	Bowman	1,556.60	
321	River Basins of N. D.	Various	259.64	
322	State Water Plan	Various	36,040.60	32,975.00
327	White Earth Dam	Mountrail	189,819.77	
330	Lake Metigoshe	Bottineau	1,943.06	
334	Crosby W. S.	Divide	33.00	
337	Rolla W. S.	Rolette	110.55	
342	Balta Dam	Pierce	119.52	
347	Velva F. C.	McHenry	372.90	
363	Iverson Dam	Benson	72.82	
364	Yanktonai Dam	McLean	6.83	
409	Portland Dam	Traill	612.67	
416	Devils Lake Basin	Various	12,650.72	
420	Mirror Lake	Adams	181.50	
441	Temvik Dam	Emmons	56.65	
442	McKee Dam	Barnes	362.91	
448	Minto Dam	Walsh	12,287.91	
462	Dazey Dam	Barnes	119.52	
475	Golden Lake	Steele	19,137.84	
480	James River Basin	Various	331.71	
484	Hoskins Lake	McIntosh	22,684.00	
503	Lake Ibsen	Benson	716.28	
557	Gascoyne Lake	Bowman	7,996.77	
559	Hurricane Lake	Pierce	4,418.46	
550	Blacktail Dam	Williams	166.90	
561	Tioga Dam	Williams	629.61	
567	Pembilier Dam	Pembina	702.83	
568	Sheyenne River C. C.	Cass	3,939.22	
576	Missouri R. Bank Stab.	Various	3,659.71	
599	Sheyenne R. Div. Dam	Cass	32,508.29	76,797.00
626	Tolley Flats	Various	2,573.11	
627	Froelich Dam	Sioux	3,925.78	
628	Belfield W. S.	Stark	13,621.89	
637	Little Muddy Creek	Williams	157.63	
647	Green River Dam	Various	198.77	
665	Petrified Lake	Pierce	68.75	

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY '73 Total</u>	<u>Collections</u>
667	Northgate Dam	Burke	\$ 427.85	\$
668	Warsing Dam	Eddy	1,495.01	
679	Ditch Mapping	Various	336.60	
681	Drayton Dam	Pembina	207.88	
682	SWC Shop	Burleigh	7,325.99	
718	Sioux County WMD	Sioux	95.04	
742	Casselton G.W.	Cass	88.00	
743	Cathay G.W.	Wells	4,809.64	
746	Cooperstown G.W.	Griggs	37.40	
750	Ellendale G.W.	Dickey	1,358.29	
782	Minot W. S.	Ward	298.93	272.62
789	Northwood G.W.	Grand Forks	146.30	
812	Wilton G.W.	Various	6,677.38	
816	Barnes County G.W.	Barnes	33.00	
817	Burleigh County G.W.	Burleigh	626.49	
818	Kidder County G.W.	Kidder	237.60	
820	Oak Willow Creek S. C.	Various	72.60	
826	Garrison Dam	Various	88.00	
829	Rush River F. C.	Cass	145.20	
851	Wild Rice Creek W. S.	Sargent	34.65	
858	Eddy-Foster G.W.	Eddy - Foster	165.00	
859	Williams County G.W.	Williams	155.96	
860	McKenzie County G.W.	McKenzie	67.10	
861	Burke-Mountrail G.W.	Burke-Mountrail	97.63	
862	Divide County G.W.	Divide	34.10	
863	Renville-Ward G.W.	Renville-Ward	161.43	
866	Cass County G.W.	Cass	732.56	
867	Richland County G.W.	Richland	132.00	
869	Weather Modification	Various	220.06	
926	Dickinson F. C.	Stark	245.93	
929	Forest River W. S.	Various	348.15	
935	Bench Marks	Various	3,963.55	
936	Field Notes & Plats	Various	1,655.50	
940	Adams-Bowman G.W.	Adams-Bowman	22,966.84	11,000.00
941	Benson-Pierce G.W.	Benson-Pierce	249.71	
942	Billings County G.W.	Billings	106.15	
944	Cavalier-Pembina G.W.	Cavalier-Pembina	4,989.33	12,800.00
946	Dunn County G.W.	Dunn	53,840.98	8,573.00
948	Emmons County G.W.	Emmons	31,901.69	8,750.00
950	Grand Forks Co. G.W.	Grand Forks	136.40	
951	Grant-Sioux G.W.	Grant-Sioux	44,929.15	9,100.00
953	Hettinger-Stark G.W.	Hettinger-Stark	67.65	
954	Dickey-LaMoure Co. G.W.	Dickey-LaMoure	346.94	
955	Logan County G.W.	Logan	96.03	
956	McHenry County G.W.	McHenry	101.20	
958	McLean County G.W.	McLean	583.57	
959	Mercer-Oliver G.W.	Mercer-Oliver	4,125.88	
960	Morton County G.W.	Morton	2,185.70	
962	Nelson-Walsh G.W.	Nelson-Walsh	709.74	
966	Ramsey County G.W.	Ramsey	2,014.76	
967	Ransom County G.W.	Ransom	66.00	

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY '73 Total</u>	<u>Collections</u>
969	Sargent County G.W.	Sargent	\$ 123.75	\$
970	Sheridan County G.W.	Sheridan	350.93	
974	Griggs-Steele G.W.	Griggs-Steele	14,894.15	5,500.00
982	Park River W.C. & F.C.	Various	118.69	
983	Coleharbor W. S.	McLean	1,459.99	
984	Souris River Basin	Various	1,030.12	
989	Quality of Water	Various	8,721.02	
1008	Cass Co. Rd. Dr.	Cass	105.53	
1033	Pembina Co. Rd. Dr.	Pembina	145.77	
1038	Richland Co. Rd. Dr.	Richland	74.80	
1053	Drainage - General	Various	6,316.38	
1054	Barnes County Dr.-Gen.	Barnes	72.60	
1055	Barnes County Dr. #1	Barnes	69.30	
1056	Bottineau Co. Dr.-Gen.	Bottineau	108.90	
1063	Cass Co. Dr.-Gen.	Cass	800.52	
1065	Cass County Dr. #3	Cass	27.23	
1067	Cass County Dr. #10	Cass	27.23	
1070	Cass County Dr. #14	Cass	145.20	
1071	Cass County Dr. #15	Cass	128.60	
1083	Cass County Dr. #31	Cass	12,604.83	
1088	Cass County Dr. #37	Cass	8,737.78	
1097	Noble Twp. Dr.	Cass	8,586.73	
1098	Cavalier Co. Dr.-Gen.	Cavalier	36.30	
1102	Dickey County Dr. #1	Dickey	34.65	
1105	Grand Forks Co. Dr.-Gen.	Grand Forks	80.30	
1107	Grand Forks Co. Dr. #4	Grand Forks	220.00	
1110	Grand Forks Co. Dr. #11	Grand Forks	4,118.66	
1129	LaMoure Co. Dr.-Gen.	LaMoure	72.60	
1130	Mountrail Co. Dr.-Gen.	Mountrail	1,377.41	
1131	Nelson Co. Dr.-Gen.	Nelson	145.20	
1132	McHough Drain	Nelson	418.30	
1138	Pembina Co. Dr. #8	Pembina	17.33	
1159	Pembina Co. Dr. #51	Pembina	72.60	
1191	Richland Co. Dr. #28	Richland	69.30	
1193	Richland Co. Dr. #33	Richland	34.65	
1195	Richland Co. Dr. #35	Richland	103.95	
1211	Jenson-Dinger Dr.	Richland	34.65	
1214	Rush Lake Dr.	Richland	34.65	
1216	Wahpeton City Drain	Richland	193.60	
1218	Rolette Co. Dr.-Gen.	Rolette	35.75	
1223	Steele County Dr.-Gen.	Steele	93.83	
1224	Traill Co. Dr.-Gen.	Traill	72.60	
1226	Traill Co. Dr. #4 & #14	Traill	4,719.73	
1228	Traill Co. Dr. #6	Traill	34.65	
1231	Traill Co. Dr. #10	Traill	17.33	
1232	Traill Co. Dr. #13	Traill	89.93	
1236	Traill Co. Dr. #17	Traill	34.65	
1237	Traill Co. Dr. #18	Traill	34.65	
1239	Traill Co. Dr. #20	Traill	34.65	
1240	Traill Co. Dr. #22	Traill	37.40	
1242	Traill Co. Dr. #24	Traill	37.40	
1244	Traill Co. Dr. #27	Traill	18.70	

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY '73 Total</u>	<u>Collections</u>
1245	Traill Co. Dr. #28	Traill	\$ 18.70	\$
1247	Traill Co. Dr. #30	Traill	37.40	
1248	Traill Co. Dr. #32	Traill	37.40	
1250	Traill Co. Dr. #35	Traill	37.40	
1252	Walsh County Dr.-Gen.	Walsh	277.66	
1253	Warsing Dam	Eddy	9,355.51	
1262	Ward County Dr.-Gen.	Ward	291.01	
1264	Barnes County S.P.	Barnes	28.49	
1265	Benson County S.P.	Benson	72.60	
1267	Bottineau County S.P.	Bottineau	49.50	
1270	Burleigh County S.P.	Burleigh	474.98	281.50
1271	Cass County S.P.	Cass	64.35	
1274	Divide County S.P.	Divide	122.93	
1281	Grant County S.P.	Grant	1,032.67	
1289	McKenzie County S.P.	McKenzie	72.60	
1290	McLean County S.P.	McLean	12.65	
1304	Sheridan County S.P.	Sheridan	72.60	
1307	Stark County S.P.	Stark	6,977.99	
1311	Traill County S.P.	Traill	37.95	
1316	Towner County Dr.-Gen.	Towner	149.60	
1328	Cass County Dr. #23	Cass	11,941.33	
1333	Sand Creek Dam	Williams	1,104.17	
1346	Mt. Carmel Dam	Cavalier	34,692.61	10,000.00
1348	Stutsman Co. Dr.-Gen.	Stutsman	72.60	
1351	English Coulee	Grand Forks	215.05	
1352	Stutsman Dr. #1	Stutsman	103.95	
1357	Lansford W. S.	Bottineau	727.14	
1358	Sheep Creek Dam	Grant	7,450.41	
1361	Towner County Dr.	Towner	690.36	
1362	Rock Lake	Towner	184.80	
1368	St. Thomas-Lodema W. S.	Pembina	56.10	
1376	Outdoor Recreation - Gen.	Various	85.80	
1382	Camel Butte Dam	Golden Valley	282.70	
1388	WMD	Various	72.60	
1389	Irrigation Dist. - Gen.	Various	111.87	
1392	Missouri R. Res. Oper.-Gen.	Various	218.71	
1394	Topographic Mapping - Gen.	Various	66,939.81	
1395	Ground-Water Surveys-Gen.	Various	159,058.41	
1396	Missouri Basin Comp. Plan	Various	400.40	
1400	Water Permits - General	Various	13,743.18	
1401	Int'l. Bdry. Dr.	Pembina	1,897.48	
1407	Stanley Dam	Mountrail	2,315.57	
1408	Minot F. C.	Ward	214.69	
1409	Queen City Dam	Stark	350.81	
1410	Hope Dam	Steele	257.40	
1431	Emergency Disaster Oper.	Various	8,788.04	3,548.26
1435	Green Lake	McIntosh	17,038.23	
1444	Pembina City F. C.	Pembina	138.90	
1448	Flood Plains	Various	70.40	
1468	Rolette County WMD	Rolette	37.40	

<u>Project No.</u>	<u>Name</u>	<u>County</u>	<u>FY '73 Total</u>	<u>Collections</u>
1471	Erie Dam	Cass	\$ 108.35	\$ 1,162.72
1476	Hillsboro Dam	Traill	282,705.64	
1480	Meandered Lakes	Various	328.06	
1484	Walsh County Dr. #29	Walsh	34.65	
1486	Griggs County Dr.-Gen.	Griggs	737.42	
1488	Trans Basin Div.	Various	145.65	
1495	Lignite Res. Dev.	Various	2,181.01	
1507	Yellowstone R. Basin	Various	432.66	
1514	Cottonwood Lake	LaMoure	49.50	
1515	Cottonwood Creek	LaMoure	488,457.91	248,245.22
1517	Hazen F. C.	Mercer	535.58	
1518	Wahpeton G.W.	Richland	14,597.71	
1524	Crosby Dam	Divide	2,576.90	
1530	Cella Dam	Traill	651.20	
1531	Benson Dr. #1	Benson	49.01	
1534	Michigan City Drain	Nelson	2,665.23	
1535	Saline Water Study	Various	788.15	22,396.84
1537	Edinger Dam	Wells	3,254.76	
1540	McHenry Co. Dr.-Gen.	McHenry	65.84	
1542	Lawton G.W.	Ramsey	577.50	
1543	West River Diversion	Various	126,179.69	32,400.00
1550	Traill County Water Dis.	Traill	6,280.02	
1552	Steele County Dr. #3	Steele	48.62	
1553	Grand Forks County Dr.	Grand Forks	2,409.67	
1556	Indian Creek Dam	Hettinger	8,604.41	
1557	Lakota Drain	Nelson	1,962.66	
1559	Halliday W. S.	Dunn	2,012.46	
1561	Public Works Program	Various	12,175.76	57,934.00
1563	Crosby G.W.	Divide	2,310.92	
1564	Lakewood Beach	Ramsey	331.21	
1565	Langdon Div. Dr.	Cavalier	301.79	
1566	Rugby F. C.	Pierce	23.52	
1568	Sheyenne Delta	Various	9,149.31	
1569	Missouri R. Basin Comm.	Various	1,749.03	
1572	Burnt Creek W. S.	Burleigh	54.45	
1573	Casselton W. S.	Cass	34.93	
1574	Rural Water Dis.	Various	78.10	
1575	Slope County WMD	Slope	213.68	
1576	Edgeley G.W.	LaMoure	2,664.80	
1577	Flood Hazard Studies	Various	1,206.03	
1578	Billings County Dr. - Gen.	Billings	145.20	
1579	Dam Safety Insp.	Various	1,110.51	
1583	Silver Lake	Benson	1,331.46	
1587	Pembina County Dr. #68	Pembina	105.60	
		TOTALS	\$2,043,347.04	\$541,736.16

WATER PERMITS

For Period July 1, 1972 Through June 30, 1973

APPLICATIONS FILED		94
APPLICATIONS APPROVED		76
APPLICATIONS DENIED		1
APPLICATIONS DEFERRED FOR FURTHER INVESTIGATIONS		2
APPLICATIONS PENDING		15
Irrigation - Filed		52
Acre-Feet Requested.	26,856.2	
Acres Requested	14,635.6	
Acre-Feet Storage Requested.	72.0	
Acre-Feet Annual Use Requested	51.6	
Irrigation - Approved.		43
Acre-Feet Approved	17,163.0	
Acres Approved	12,094.7	
Acre-Feet Storage Approved	72.0	
Acre-Feet Annual Use Approved.	51.6	
Municipal - Filed		12
Acre-Feet Requested.	2,627.0	
Municipal - Approved		10
Acre-Feet Approved	1,868.0	
Industrial - Filed		12
Acre-Feet Requested.	376,151.2	
Acre-Feet Storage Requested.	2,376.0	
Acre-Feet Annual Use Requested	450.0	
Industrial - Approved.		6
Acre-Feet Approved	1,028.2	
Acre-Feet Storage Approved	2,376.0	
Acre-Feet Annual Use Approved.	450.0	
Industrial (Rural Domestic) - Filed.		3
Acre-Feet Requested.	2,235.0	
Industrial (Rural Domestic) - Approved		3
Acre-Feet Approved	2,235.0	
Recreation - Filed		1
Acre-Feet Storage Requested.	3,735.0	
Acre-Feet Annual Use Requested	1,386.0	

Recreation - Approved.		1
Acre-Feet Storage Approved	3,735.0	
Acre-Feet Annual Use Approved.	1,386.0	
Recreation (Stockwater, Fish & Wildlife) - Filed		12
Acre-Feet Storage Requested.	2,125.5	
Acre-Feet Annual Use Requested	462.9	
Recreation (Stockwater, Fish & Wildlife) - Approved.		12
Acre-Feet Storage Approved	2,125.5	
Acre-Feet Annual Use Approved.	462.9	
Flood Control - Filed.		2
Acre-Feet Storage Requested.	9,809.0	
Acre-Feet Annual Use Requested	363.0	
Flood Control - Approved		2
Acre-Feet Storage Approved	9,809.0	
Acre-Feet Annual Use	363.0	

WATER PERMITS
For Period July 1, 1972 to June 30, 1973

<u>NO.</u>	<u>NAME AND ADDRESS</u>	<u>COUNTY</u>	<u>CLASS OF PERMIT</u>	<u>SOURCE</u>	<u>ACRE-FEET</u>	<u>ACRES</u>	<u>DATE OF CLAIM</u>	<u>STATUS</u>
1858	Osnabrock, City of - Osnabrock	Cavaller	Municipal	Ground Water	50.0		7- 6-72	Approved
1859	Venturia, City of - Venturia	McIntosh	Municipal	Ground Water	18.0		7- 6-72	Approved
1860	Strand, Thor A. - White Earth	Mountrell	Irrigation	White Earth River, trib. to Missouri River	10.0	10.0	7-17-72	Approved
1861	Goheen, Ivan - Minot	McHenry	Irrigation	Ground Water	468.0	312.0	7-20-72	Approved
1862	Wells County Water Management District - (Edinger Dam) Fessenden	Wells	Recreation	James River	3,735.0 storage 1,386.0 annual use		7-20-72	Approved
1863	Schmidt, Edwin - Max	McLeah	Irrigation	Ground Water	1,230.0	820.0	7-25-72	Approved
1864	Oliver County Water Management District - Center	Oliver	Flood Control	Unnamed Branch, trib. to Square Butte Creek	6,550.0 storage 252.0 annual use		8- 4-72	Approved
1865	Schultz & Meyer Const. Co. - Dickinson	Stark	Stockwater, Fish & Wildlife	Unnamed Creek, trib. to Heart and Missouri Rivers	81.11 storage 45.0 annual use		7-24-72	Approved
1866	Dietz, John P. - Beifield	Stark	Stockwater, Fish & Wildlife	Unnamed Intermittent Draw, trib. to Norwegian Creek & Heart River	33.5 storage 15.0 annual use		7-11-72	Approved
1867	Symionow, Nick - Fairfield	Billings	Stockwater, Fish & Wildlife	Intermittent Draw, trib. to Knife River	107.0 storage 60.0 annual use		7-19-72	Approved
1868	Park, Phillip A - Steele	Kidder	Irrigation	Ground Water	270.0	163.6	8-12-72	Pending
1869	Glen Ullin, City of - Glen Ullin	Morton	Municipal	Ground Water	360.0		7-20-72	Approved
1870	Emery, Blair - Valley City	Barnes	Irrigation	Shyenne River, trib. to Red River	28.0	28.0	8-21-72	Approved
1871	Pesek, Emil - Alexander	McKenzie	Irrigation	Unnamed Draw, trib. to Timber Creek and Missouri River	72.0 storage 51.6 annual use	38.8	8-14-72	Approved
1872	Falk, Alfred C. - Tappen	Kidder	Irrigation	Ground Water	936.0	624.0	9-11-72	Approved

<u>NO.</u>	<u>NAME AND ADDRESS</u>	<u>COUNTY</u>	<u>CLASS OF PERMIT</u>	<u>SOURCE</u>	<u>ACRE-FOOT</u>	<u>ACRES</u>	<u>DATE OF CLAIM</u>	<u>STATUS</u>
1873	Zook, Joseph F. - Sentinel Butte	Golden Valley	Irrigation	Unnamed Intermittent Draw, trib. to Garner Creek and Little Missouri River	60.0	60.0	9-15-72	Approved
1874	U. S. Department of Agriculture Forest Service - Billings, Mont.	McKenzie	Stockwater, Fish & Wildlife	Unnamed Stream, trib. to Horse Creek and Yellowstone River	30.74 storage 15.6 annual use		9-29-72	Approved
1875	Boundary Creek Water Management District - Bottineau	Bottineau	Flood Control	Boundary Creek trib. to Sour's River	3,259.0 storage 111.0 annual use		8- 2-72	Approved
1876	Walsh Water Users, Inc. - Grafton	Walsh	Industrial (Rural Domestic)	Ground Water	235.0		1-15-73	Approved
1877	Forest River Community - Fordville	Grand Forks	Irrigation	Ground Water	1,920.0	960.0	1-26-73	Approved
1878	Mesling, Peter D. - Dickinson	Stark	Stockwater, Fish & Wildlife	Norwegian Creek, trib. to Heart River	87.5 storage 54.3 annual use		10-11-72	Approved
1879	Polasky, E. J. - Teppen	Kidder	Irrigation	Ground Water	428.4	285.6	9-25-72	Approved
1880	Solen, City of - Solen	Sioux	Municipal	Ground Water	194.0		9-29-72	Pending
1881	Maier, Joseph - Harristown, S.D.	Sioux	Irrigation	Unnamed Tributary, trib. to Cedar River	12.0	12.0	10-10-72	Approved
1882	Hanson, Wm. - Dickinson	Stark	Irrigation	Government Creek, trib. to Heart River	40.0	40.0	9-18-72	Approved
1883	Langerud, Henry - Hoopie	Walsh	Industrial	Ground Water	3.0		8- 2-73	Pending
1884	Stegner, William - Rhame	Bowman	Irrigation	West Fork Deep Creek, trib. to Little Missouri	62.7	62.7	7-21-72	Approved
1885	Pelton, Gene F. - Dickinson	Stark	Stockwater, Fish & Wildlife	Unnamed Intermittent Draw, trib. to Green River	44.0 storage 36.0 annual use		9-27-72	Approved
1886	Olstad, Harmon - Sentinel Butte	Golden Valley	Irrigation	Garner Creek, trib. to Little Missouri River	113.1	113.1	3-26-73	
1887	Birst, Adam - Turtle Lake	McLean	Irrigation & Industrial	Ground Water	100.0 212.0	100.0	11-13-72	Approved
1888	Wanner, Donald F. - Jamestown	Stutsman	Stockwater, Fish & Wildlife	Unnamed Coulee, trib. to James River	25.0 storage 12.0 annual use		11-21-72	Approved
1889	Lundzby, Iver G. - Cando	Nelson	Irrigation	Sheyenne River, trib. to Red River	30.0	30.0	11-29-72	Approved

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1890	Wickman, Gerald - Burlington	McHenry	Irrigation	Ground Water	686.0	457.2	11-27-72	Approved
1891	Benson, Robert - Sheyenne	Eddy	Irrigation	Sheyenne River, trib. to Red River	169.4	169.4	11-13-72	Approved
1892	Kensal, City of - Kensal	Stutsman	Municipal	Ground Water	24.0		10-14-72	Approved
1893	Texaco, Inc. - Keene	McKenzie	Industrial	Ground Water	0.71		12-15-72	Approved
1894	Texaco, Inc. - Keene	McKenzie	Industrial	Ground Water	0.71		12-15-72	Approved
1895	Myers, Robert - Binford	Griggs	Irrigation	Ground Water	320.0	160.0	12-18-72	Approved
1896	Eckre, Russell - Sheldon	Ransom	Irrigation	Ground Water	221.0	367.0	12-22-72	Approved
1897	Sawyer, City of - Sawyer	Ward	Municipal	Ground Water	31.0		5-10-73	Approved
1898	Wahpeton, City of - Wahpeton	Richland	Municipal	Ground Water	835.0		6-11-73	Approved
1899	Davenport, City of - Davenport	Cass	Municipal	Ground Water	50.0		4-17-73	Approved
1900	West Fargo, City of - West Fargo	Cass	Municipal	Ground Water	565.0		1-12-73	Deferred
1901 A	Michigan-Wisconsin Pipeline Company - Detroit, Mich.	Mercer	Industrial	Lake Sakakawea	143,000.0		1-18-73	Pending
1901 B	Michigan-Wisconsin Pipeline Company - Detroit, Mich.	Dunn	Industrial	Lake Sakakawea	64,000.0		1-18-73	Pending
1901 C	Michigan-Wisconsin Pipeline Company - Detroit, Mich.	McLean	Industrial	Lake Sakakawea	74,000.0		1-18-73	Pending
1901 D	Michigan-Wisconsin Pipeline Company - Detroit, Mich.	Mercer	Industrial	Missouri River	94,000.0		1-18-73	Pending
1902	Kelsch, Raymond - Linton	Emmons	Irrigation	Ground Water	680.3	453.5	1-31-73	Approved
1903	Walcott, City of - Walcott	Richland	Municipal	Ground Water	50.0		1-17-73	Approved

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1904	Hafner, David J. - Beulah	Mercer	Irrigation	Lake Sakakawea	1,064.0	532.0	1-30-73	Approved
1905	Ost, Gilbert C. - Beulah	Mercer	Irrigation	Ground Water	374.0	187.0	1-30-73	Approved
1906	Black, Lawrence W. - Karlsruhe	McHenry	Irrigation	Ground Water	237.0	158.0	1-22-73	Approved
1907	Lefor, Richard J. - Gladstone	Dunn	Irrigation	Knife River, trib. to Missouri River	184.0	184.0	2- 1-73	Approved
1908	Harwood Development Association - Harwood	Cass	Industrial	Ground Water	100.0		2-13-73	Pending
1909	Egeland, David - Rhame	Dowman	Irrigation	Spring Creek, trib. to Little Missouri River	96.0	96.4	8-31-73	Pending
1910	Schnell, Robert - Lemmon, SD	Adams	Irrigation	Cedar River, trib. to Missouri River	260.0	130.1	2-20-73	Denied
1911	Knudsen, H. D. - Minot	McLean	Irrigation	Ground Water	2,780.0	1,390.0	2-26-73	Deferred
1912	N. Dak. Forest Service - Bottineau	Bottineau	Stockwater, Fish & Wildlife	Unnamed watershed, trib. to Souris River	115.0 storage 45.0 annual use		2-28-73	Approved
1913	Saur, Vincent - Tappan	Kidder	Irrigation	Ground Water	379.0	303.0	3- 5-73	Approved
1914	Johnson, M. H. - Plaza	Houtraill	Irrigation	Several Sloughs, non- contributing area adjacent to Missouri River	155.9	155.9	3- 7-73	Approved
1915	Larson, Harvey C. - Bismarck	McLean	Irrigation	Ground Water	185.0	123.0	3- 9-73	Approved
1916	Greenberg, Art - Grand Forks	Grand Forks	Irrigation	Red River	1,906.0	1,906.0	1-23-73	Approved
1917	Trail County Water Management District and Red River Valley Cooperative - Hillsboro	Trail	Industrial	Goose River, trib. to Red River	2,376.0 storage 450.0 annual use		3-23-73	Approved
1918	Maier, Raymond R. - Morristown, SD	Sioux	Irrigation	Unnamed Tributary, trib. to Hay Creek, Cedar & Cannonball Rivers	60.0	60.0	4- 6-73	Approved
1919	Palanuk, William - Fairfield	Billings	Stockwater, Fish & Wildlife	Intermittent Draw, trib. to Magpie Creek & Little Missouri River	117.0 storage 30.3 annual use		4-13-73	Approved

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1920	Rotenberger, Wm. A. - Bowman	Bowman	Irrigation	Unnamed Intermittent Draw, trib. to Grand River	68.7	68.7	4-18-73	Approved
1921	Roen, Robert D. - Bowman	Bowman	Irrigation	Small Intermittent Draws on Upper Buffalo Creek, trib. to Grand River	506.0	506.5	4-18-73	Approved
1922	Salter, Lloyd - Henoken	Burlleigh	Irrigation	Ground Water	730.0	487.0	4-25-73	Approved
1923	Klusman, Roger - New Salem	Morton	Irrigation	Unnamed Tributary, trib. to Sweet Briar Lake	34.0	34.0	10- 1-73	Pending
1924	Becker, Henry N. - Streeter	Logan	Irrigation	Ground Water	314.0	157.0	5- 7-73	Pending
1925	Vculek, Doris E. - Oakes	Dickey	Irrigation	Ground Water	240.0	160.0	5- 3-73	Approved
1926	Roney, Dennis P. - Oakes	Dickey	Irrigation	Ground Water	620.0	310.0	5- 3-73	Approved
1927	Earth Builders, Inc. - Bismarck	McLean	Industrial	Missouri River & Unnamed Slough	52.0		5- 7-73	Approved
1928	Keller, Eugene E. - Baulah	Mercer	Irrigation	Ground Water	525.0	350.8	5- 8-73	Approved
1929	Titus, Robert - Oakes	Dickey	Irrigation	Ground Water	296.0	148.0	5- 8-73	Pending
1930	Continental Oil Co. - Casper, Wyo.	Stark	Industrial	Ground Water	750.0		5-11-73	Approved
1931	Hansen, Allen - Guelph	Dickey	Irrigation	James River	290.0	152.0	5- 8-73	Approved
1932	North Prairie Rural Water Association - Velva	McHenry	Industrial (Rural Domestic)	Ground Water	1,000.0		5-17-73	Approved
1933	Gravel Products, Inc. - Minot	Ward	Industrial	Des Lacs River, trib. to Mouse River	20.0		5-17-73	Pending
1934	Muller, Jeroma - Grenora	Williams	Irrigation	Unnamed Coulee, trib. to Pats Coulee, Little Muddy & Missouri Rivers	17.4	17.4	5-25-73	Approved
1935	Blumer, Oscar H. - Valley City	Barnes	Stockwater, Fish & Wildlife	Unnamed Coulee, trib. to Shyenne River	25.0 storage 13.8 annual use		5-24-73	Approved
1935	Underwood, City of - Underwood	McLean	Municipal	Ground Water	300.0		6- 4-73	Approved
1937	Beyer, Dennis - Rhome	Bowman	Irrigation	Upper Reaches of Spring Creek, trib. to Grand River	30.1	30.1	6- 5-73	Approved

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1938	Kunz, James L. - Bowdon	Kidder	Stockwater, Fish & Wildlife	Unnamed Channel, trib. to Pipestem River (non- contributing)	43.0 storage 13.9 annual use		6-11-73	Approved
1939	Trampe, Ernest and Loraas, Dallis - Dunn Center	Dunn	Irrigation	Unnamed Intermittent Stream, trib. to Spring Creek and Knife River	352.0	176.0	6-12-73	Approved
1940	Arctic Farm Company - Walhalla	Pembla	Irrigation	Ground Water	960.0	480.0	6-12-73	Approved
1941	Norstog, Bjarne - Watford City	McKenzie	Irrigation	Unnamed Draw, trib. to Cherry Creek & Little Missouri River	80.0	80.0	6-14-73	Approved
1942	North Prairie Rural Water Association - Veiva	Ward	Industrial (Rural Domestic)	Ground Water	1,000.0		5-17-73	Approved
1943	N. Dak. State Highway Dept. - Bismarck	Richland	Stockwater, Fish & Wildlife	Ground Water	410.0 storage 122.0 annual use		5-29-73	Approved
1944	Pleines, Clarence - Woodworth	Stutsman	Irrigation	Ground Water	234.0	156.0	6-25-73	Approved
1945	Mohall, City of - Mohall	Bottineau	Municipal	Ground Water	150.0		6-26-73	Approved
1946	Rott Farms - Jamestown	Stutsman	Irrigation	Ground Water	450.0	408.0	5-31-73	Approved
1947	Sherman, William - West Fargo	Cass	Irrigation	Sheyenne River, trib. to Red River	120.0	80.0	6-7-73	Pending
1948	German, Gerald - Guelph	Dickey	Irrigation	James River	400.0	223.0	6-18-73	Pending

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