

NORTH DAKOTA STATE WATER COMMISSION

REGISTER

ATTENDANCE AT State Water Commission MeetingDATE July 19-20, 1976 PLACE Garrison Conservancy District BuildingCarrington, North Dakota PROJECT NO. _____

Your Name	Your Address	Who do you Represent? (Or Occupation)
Gordon Berg	Rt. 3 Devil Lake	N. Dak. C. & C. River Basin
Bob Harske	Webster, N.D.	RCW MD
Steve Hartzel	Bismarck	ND SWC.
Bill Starke	New Rockford	N.P.A.S.C.P.
Robert Sanders	Jamestown	Farmers Union
Chas. M. Zund	Bismarck	N.D. State Planning Div.
Vern Zink	Bismarck	TPI (Consultants)
Don Christel	Bismarck	Missouri River Basin Comm.
MURRAY G. SINGMASTER	"	SWC
Bud Lannoy	Bismarck	N.D. Ass'n of SCD's
A. R. (Dick) Moum	"	Soil Cons. Service
Charles F. Mestens	78-7 th St. Devil Lake	St. Rep. 15 th District
Paul H. Trautman	Chelapa	Stutsman County Water Management District
Ron Erickson	Bismarck	US Fish and Wildl. Serv.
Russ Dushinski	Mund & Devils Lake	N.D. Water users

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Your Name	Your Address	Who do you Represent? (Or Occupation)
Gordon Berg	Rt. 3 Devil Lake	River Basin
Walter M. Gandy	1301 CHERRY GRAND FORKS	GRAND FORKS & NELSON CO
Gilman Westwick	Hatton, N. Dak.	Trull Co W.M. D.
Jim Knecht	Hillsboro, N.D.	SCS - East Trull SCD.
A.P. (Dick) Moom	Bismarck N.D.	So. Cons. Service
Sketcher H. Poling	Bismarck, N. Dak.	Basin Electric Power Corp
Joseph Harbeck	Page, N. D.	Maple River W. M. B.
Francis Archbold	Enderlin N. D.	Maple River W. M. B.
Robert Thompson	Page, N. D.	North Cass W. M. D.
Art Thorsen	Grand Forks, N. D.	G.F. Co Water Board
Lydia Thorsen	Grand Forks N. Dak.	
H. H. Holloway	Grand Forks N. D.	City, G. F. Co Water Dist
Bernard G. Beeching	Grand Forks, N. Dak.	Drainage Board
Jerome Johnson	Larimore N. Dak.	Drainage Board
Paul DeSchadnow	Sykeston, N. D.	Wells County W. M. D.

NORTH DAKOTA STATE WATER COMMISSION

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PROJECT NO. _____

Your Name	Your Address	Who do you Represent? (Or Occupation)
MERLE L. HUNTER	DEVILS LAKE, ND	SCS - RAMSEY CO.
CLIFFORD GROSS	Hat 4 x 20	atg - wells county ^{W.M.B.}
Norman Rudel	Fessenden N. Dak	Wells Co., W.M.B.
Harry R. Zacher	Elgin M.D.	Grant Co. W.M.D.
Don Hastings	Jamestown N.D.	Stutsman Co. W.M.B
Russ Skudsmo	Minist, ND.	N. D. State Water Assoc
Royal R. Berthel	Center Hill Power Co Jamestown, N.D. 58401	Stutsman County W.M. Board
E.M. Ingoy	J Fargo N Dak	- F. E. Case
Al Austen	Center Hill Fels	GDCD
Rich Feusk	Carrington N.D.	JNCH
Ron Erickson	Bis	US Fish and Wildlife
Ralph F. Fries	Devils Lake	" " "
Ben Vernon	NELSON C. W.M.B.	Mapes - Nelson County
Rich Axvig	Fessenden	SCS - Wells County
Jerald L. Engelman	Steele Co. W.M.B.	Attorney

MINUTES

North Dakota State Water Commission
Meeting Held In
Garrison Conservancy District Headquarters
Carrington, North Dakota

July 19 and 20, 1976

The North Dakota State Water Commission held their regular meeting on July 19 and 20, 1976, at the Garrison Diversion Conservancy District Headquarters, Carrington, North Dakota. Governor Link called the meeting to order at 9:00 a.m. on July 19, and requested Secretary Fahy to present the agenda.

MEMBERS PRESENT:

Arthur A. Link, Governor-Chairman
Richard Gallagher, Vice Chairman, Mandan
Alvin Kramer, Member from Minot
Gordon Gray, Member from Valley City
Arthur Lanz, Member from Devils Lake
Arlene Wilhelm, Member from Dickinson
Myron Just, Commissioner, Department of Agriculture, Bismarck
Vernon Fahy, State Engineer, Secretary, North Dakota State
Water Commission, Bismarck

OTHERS PRESENT:

State Water Commission Staff Members
Water Management Districts Representatives
Garrison Diversion Conservancy District Directors
Richard Ellison, Natural Resources Council Coordinator, Bismarck
Vern Zink, Technical Planning Information, Inc., Bismarck
Don Ohnstad, Assistant Study Director for Yellowstone
Level B Study, Bismarck
James Collins, Erie
Ruben Hummel, Mott
Harold Hanson, New England
Representative Charles Mertens, Devils Lake
Oscar Lund, North Dakota State Planning Division, Bismarck

Attendance Register is on file in the offices of the State Water Commission for the July 19 and 20, 1976 meeting (filed with official copy of Minutes)

Proceedings of the meeting were tape recorded to assist in compilation of minutes.

**CONSIDERATION OF MINUTES
OF APRIL 21 AND 22, 1976
MEETING - APPROVED**

Kramer, seconded by Commissioner Lanz, and carried, that the minutes be accepted and approved as prepared and distributed.

Secretary Fahy reviewed the minutes of the April 21 and 22, 1976 meeting held in Bismarck, North Dakota. Following discussion, it was moved by Commissioner

**CONSIDERATION OF MINUTES
OF MAY 24 AND 25, 1976
MEETING - APPROVED**

seconded by Commissioner Gallagher, and carried, that the minutes be accepted and approved as prepared and distributed.

Secretary Fahy reviewed the minutes of the May 24 and 25, 1976 meeting held in Bismarck and Beulah. Following discussion, it was moved by Commissioner Kramer,

Governor Link announced an addition to the agenda, which would be a presentation by Ruben Hummel from Mott, and Harold Hanson, former Commission member from New England.

**PROGRESS REPORT ON THE
DEVILS LAKE BASIN STUDY
(SWC Project No. 1616)**

Ellison gave a slide presentation showing basin features, flood areas and examples of alternative solutions in problem areas.

Ike Ellison, Study Chairman, introduced Robert Garske, Vice Chairman; Representative Charles Mertens, Legislative Liaison; and Vern Zink, Consultant. Mr.

Mr. Vern Zink reported on the alternatives considered from the study objectives set forth by the Advisory Committee. Alternative I is an almost "do nothing" decision; alternative II would provide 40-50 percent reduction; and alternative III would provide 80-90 percent flood reduction. The Committee has selected the middle range of flood reduction to develop a plan for managing water and for mitigating the flood damages.

Vern Zink, reporting on the results of public meetings held at Bismarck, Grand Forks, Fargo, Fort Totten and Devils Lake, said that the alternatives report and a questionnaire was circulated to those in attendance. The following results were noted:

Number of public responses released	445
Number of responses returned	83
Percentage of responses returned	18 percent
Number returned from inside the Basin	52
Percentage returned from inside the Basin	61 percent
Number returned from outside the Basin	31
Percentage returned from outside the Basin	39 percent

Ike Ellison presented an Abstract for Alternative IV, which has been adopted by the Advisory Committee. The new alternative consists of structural projects and combinations of non-structural projects in the Basin. Alternative IV is attached as APPENDIX "A" to the minutes. A proposed outline for the final plan is attached as APPENDIX "B" to the minutes.

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Governor Link recommended the use of a Basin umbrella group or an advisory committee to continue the Basin plan, once adopted.

It was moved by Commissioner Kramer that the State Water Commission commend the Devils Lake Advisory Committee for their progress in the study work and endorse their proposals made as of this date, especially the continuation of an umbrella committee, or other type basin management authority, and that further coordination be accomplished with the Garrison Conservancy District and county entities regarding the mitigation, or set-aside acres for fish and wildlife. The motion was seconded by Commissioner Gallagher. All members voted aye and the motion was carried.

After lunch, the meeting was joined by 60-70 persons who attended the Water Management Districts' meeting held separately in the forenoon.

**REPORT ON THE YELLOWSTONE
LEVEL B STUDY
(SWC Project No. 1507)**

Don Ohnstad, the North Dakota Coordinator for the Yellowstone Level B Study, reported on the progress to date. His report covered the work of the Ad Hoc groups and of the State Study Team, whose most recent meeting was held in Killdeer on July 15, 1976. Mr. Ohnstad noted that the next Study Team meeting will be held September 28-29, 1976 in Mandan.

Discussions followed the report. Items discussed were the irrigation areas to be investigated, question of Montana participation, the use of an information specialist and working relationships with the Regional Environmental Impact Statement efforts.

Mr. Harold Hanson, former Commission member from New England, and Mr. Ruben Hummel from Mott, both appeared in opposition to North Dakota's participation in the study, and they both referred to the hiring of a so-called promoter for the study. Mr. Hanson presented letters from two persons who opposed participation in the study. The letter writers were Richard Lefor, Gladstone, North Dakota, and Delores Ziemann, Dickinson, North Dakota, who is representing the Badlands Environmental Association.

Further discussion followed regarding the scope of a level B study and our State participation; no action was taken.

**PROPOSED RULES AND
REGULATIONS DISCUSSION**

Murray Sagsveen, Legal Counsel for the State Water Commission, reviewed Draft No. 5 of the proposed regulations for

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drainage. He referred to routing of the permits and the requirements of the Water Management Districts. Mr. Sagsveen pointed out the criteria to guide the State Engineer in determining state-wide or inter-district significance of a drainage project. The criteria is listed under Section R61-01-27.7 on page 5 of the draft.

following persons:

Responses to the draft were made by the

Joe Dietchman, Attorney
 Frank Foughty, Attorney
 Gene Grindeland, Attorney
 Robert Sanders
 Gordon Berg
 Art Thoraldson, Chairman

Benson County WMD
 Ramsey County WMD
 Traill County WMD
 North Dakota Farmers Union
 Devils Lake
 Grand Forks County WMD

Representatives of Benson County Water Management District and others objected to the exclusion of Type I and Type II wetlands from the permit requirements of the statute.

Representatives of Ramsey County Water Management District had many comments; however, their main objective appeared to be their opposition to the proposed concurrent state/district jurisdiction over the drainage of ponds, sloughs, or lakes. Mr. Frank Foughty, speaking for Ramsey County, recommended a reasonable-use doctrine developed by a North Dakota Supreme Court decision in 1971.

Remarks by Gene Grindeland, representing the Traill County Water Management District, advised of the local District's plans for separate regulations.

North Dakota Farmers Union's comments were directed towards their interest in agricultural drainage. Mr. Sanders commented on the exclusion of Types I and II wetlands, and other items.

Gordon Berg expressed concern over the lack of assistance to farmers and counties to accomplish drainage projects.

Art Thoraldson, Grand Forks County Water Management District, expressed deep appreciation for the new rules and regulations.

Murray Sagsveen stated his appreciation for the comments. He further stated that written comments would be helpful. (Written comments are filed with the original copy of the minutes as APPENDIX "C")

After discussion regarding the exclusion of Type I and Type II wetlands by previous Commission action -

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Commissioner Kramer moved to rescind the previous action dated April 22, 1976, and now include Types I and II wetlands in the drainage rules and regulations. The motion was seconded by Commissioner Lanz, and it carried.

The Commission informally directed the staff to prepare a sixth draft of the proposed rules and regulations.

REQUEST FROM CITY OF
MAYVILLE FOR SWC STAFF
TO INVESTIGATE THE FEASIBILITY
OF PROVIDING ADDITIONAL WATER
SUPPLY FOR THE CITY OF MAYVILLE
(SWC Project No. 625)

Secretary Fahy presented a request by the City of Mayville for a feasibility study to provide an additional water supply. Secretary Fahy cited the needs of the city and requested Commission support now prior to the determination of financial costs.

City Council member, Gene Grindeland, appeared in behalf of the city.

It was moved by Commissioner Gray that the State Engineer be authorized to proceed with a feasibility study to improve the water supply for the City of Mayville. The motion was seconded by Commissioner Kramer, and it carried.

REQUEST FROM TRAILL COUNTY
DRAIN BOARD FOR SWC COST
PARTICIPATION IN CONSTRUCTION
OF TRAILL COUNTY DRAIN NO. 46
(SWC Project No. 1482)

Secretary Fahy presented a request by the Traill County Drain Board for financial assistance in construction of Drain No. 46. He stated that the drainage proposal was in order and recommended participation in qualified construction items amounting

to \$9,905, or 40 percent.

It was moved by Commissioner Gray, seconded by Commissioner Lanz, and carried, that the Commission participate financially in construction of Traill County Drain No. 46 by 40 percent, not to exceed \$9,905, subject to available funds.

REQUEST FROM GRAND FORKS
COUNTY DRAIN BOARD FOR COST
PARTICIPATION IN CONSTRUCTION
OF GRAND FORKS COUNTY DRAIN
NO. 33A
(SWC Project No. 1446)

Secretary Fahy presented a request for financial participation in the amount of \$2,391.88 for construction of Drain No. 33A. He stated that the construction items were reviewed.

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It was moved by Commissioner Lanz that the Commission participate financially in the construction of Grand Forks County Drain No. 33A by 40 percent, not to exceed \$2,391.88, subject to available funds. The motion was seconded by Commissioner Gray, and carried.

DISCUSSION OF REQUEST FROM UPPER SOURIS WATER USERS ASSOCIATION FOR SWC FINANCIAL PARTICIPATION IN AN INVESTIGATION TO IDENTIFY A SOURCE OF SUPPLY FOR RURAL WATER USE (SWC Project No. 1660)

Secretary Fahy presented a request by the Upper Souris Water Users Association for financial participation in a water supply study. After considerable discussion of the proposal in which Milton Lindvig, Director of the Hydrology Division for the State Water Commission, participated, it was decided that the request be submitted

to the respective water management districts for the area.

CONSIDERATION OF REQUEST FROM GRAND FORKS COUNTY DRAIN BOARD FOR SWC FINANCIAL PARTICIPATION IN CONSTRUCTION OF GRAND FORKS COUNTY DRAIN NO. 42 (SWC Project No. 1641)

Secretary Fahy called on Murray Sagsveen to present a request from the Grand Forks County Drain Board for financial participation to construct Drain No. 42. A legal block to the proper handling of the drain project, which is two non-intersecting channels, came about as a result

of a recent Attorney General's Opinion for Cass County.

The Grand Forks County Drain Board, which was in attendance, was advised to seek a separate Attorney General's Opinion for their drain proposal, which was in the advance stages of planning when the previous ruling was made.

The meeting was recessed at 6:00 p.m. on July 19 for a tour of the Carrington Irrigation Station.

On July 20, 1976, the Commission reconvened their meeting with Governor Link calling the session to order at 9:00 a.m. The Chairman requested Secretary Fahy to continue to present the agenda.

APPEARANCE OF JAMES COLLINS, ERIE, ND, TO SHOW SLIDES ON BREWER LAKE DRAINAGE SITUATION (SWC Project No. 1471)

Secretary Fahy introduced James Collins, Erie, North Dakota, who gave a slide presentation relative to drainage into Erie Dam, or Brewer Lake, in Cass County.

Mr. Collins stated that he is interested in Brewer Lake as a local farmer, North Dakota Wildlife Federation member, and as a member of the North Dakota Advisory Council of the Souris Red Rainy region of the Upper Mississippi River Basin Commission.

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Mr. Collins gave an excellent slide presentation, using two machines with imagery on a large screen, which showed many views of drainage and related features of the area.

Concern was voiced by Mr. Collins and discussed by the Commission members regarding drainage into the lake.

APPEARANCE OF REPRESENTATIVES
OF PPG TO PROVIDE INFORMATION
CONCERNING PLANS TO CONSTRUCT
A TEST FACILITY NEAR LIGNITE,
ND, TO DETERMINE FEASIBILITY
OF RECOVERING POTASH BY USE OF
SOLUTION MINING TECHNIQUES

Secretary Fahy introduced Attorney William Pearce, representing PPG Industries, who appeared to present a proposal to test for potash deposits in Burke County. Mr. Pearce introduced Don Grieson from Saskatchewan, Canada, and Don Metzger from Denver, who were engineers for the Company.

Mr. Grieson made a presentation relative to a proposed production potash plant based on one now in operation in Canada. The stated source of water would be ground water from the Dakota Formation. A water permit application in the near future will be for a test well and any production proposals are dependent upon test results and other factors.

Discussions revealed that if a production plant was to be operated, the following could be expected: lignite use could be 2,500, or more, tons per day; electric power use would require 22-24 megawatts production; electric power production of 30-40 megawatts could be generated for sale to utilities; residuals from production would be salt which would be stored in a diked storage area about 300 acres in size; and, environmental effects would be mostly concerned with the lignite coal operation.

Governor Link requested copies of environmental considerations required by Saskatchewan or Canadian Government.

CONSIDERATION OF
WATER PERMIT REQUESTS

Secretary Fahy presented the water permit agenda, APPENDIX "D", and called on Milton Lindvig to join in a discussion

on the need to further study and monitor aquifers for proper ground-water management in the State.

Secretary Fahy read a news release made recently regarding the delay in processing permits and discussed the lack of information necessary for water permit decisions.

After discussion, it was moved by Commissioner Gallagher, seconded by Commissioner Gray, and carried, that the Commission approve the following water permit requests, subject to the conditions indicated on each of the respective requests: No. 2421 - Shannon D. Bowman, Valley City; No. 2388 - Dakota

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Water Users, Inc. (McVille Aquifer), Finley; No. 2389 - Dakota Water Users, Inc. (Spiritwood Aquifer), Finley; No. 2432 - North Dakota State Farm, Bismarck; No. 2442 - Gary W. Seyer, Oakes; No. 2443 - Williston Ready Mix and Streifel, Norman T., Williston (this permit was approved by the State Engineer on June 25, 1976, now being reaffirmed by Commission); No. 2387 - City of Dunn Center, Dunn Center; No. 2444 - Harley J. McLain, Eckelson (this permit was approved by the State Engineer on June 15, 1976, now being reaffirmed by Commission); No. 2445 - K. Kulland Excavating and Gravel Company, Williston; No. 2452 - Charles W. Hawley, Goodrich; No. 2454 - Ross E. and Franklin Salveson, Wildrose; No. 2300 - Gravel Products, Inc., Minot; No. 2413 - Andy Anderson, Lisbon (this permit approved by State Engineer on June 16, 1976, now being reaffirmed by Commission); No. 2439 - Gerald Sandberg, Pettibone; No. 2441 - Mike Nelson, Berlin; No. 2458 - Ed Ochs, Fairview, Montana; No. 2304 - Robert E. Andrews, Bowman; and No. 2342 - David Soreide, Bowman.

It was also moved by Commissioner Gallagher, seconded by Commissioner Gray, and carried, that the Commission defer action at this time on the following water permit requests pending additional information and study: No. 2418 - Albert Maus, Golva; No. 2335 - John Greenmyer, Stirum; No. 2192 - Alton Kemmet, Tappen; No. 2433 - Alfred C. Falk, Tappen; No. 2434 - Donald M. and Ruth L. Garnas, Page; No. 2357 - John P. Getz, Rhame; No. 2411 - Roger Evanson, Lisbon; No. 2326 - Robert H. Simmers, Jamestown; No. 2448 - Ethel M. Croy, Cartwright; No. 2450 - Arnold Widmer, Crete; No. 2451 - Edward G. Schlosser, Jamestown; No. 2453 - Paul H. Rode, Adrian; No. 2379 - Norman Dahl, Watford City; No. 2375 - Paulson Brothers, Cartwright; No. 2410 - Raymond Schmidt, Tioga; No. 2449 - Earl Satterthwaite, New Town; and No. 2435 - Kenneth and Scott McCulley, Linton.
(SEE APPENDIX "D")

**SCHEDULING OF NEXT
COMMISSION MEETING**

sometime in September, 1976.

Secretary Fahy announced the probable place for the next meeting of the Commission would be Kindred, North Dakota,

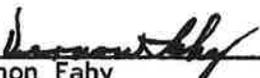
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There being no further business to come before the Commission, the meeting was adjourned at 12:00 noon.



Arthur A. Link
Governor-Chairman

ATTEST:



Vernon Fahy
State Engineer, Secretary

July 19 and 20, 1976

ALTERNATIVE IV - ABSTRACT

Alternative IV consists of structural projects for each of the nine watersheds and combinations of nonstructural projects. The structural projects consist of channels, channel improvements, and control structures. The nonstructural projects are divided into two areas; land treatment and floodplain management.

STRUCTURAL

Hurricane Lake Watershed

Structural alternatives for the watershed are channel improvements to Little Coulee around Leeds and above Silver Lake with outlet channels from Hurricane Lake, Lake Ibsen, and Silver Lake plus an inlet channel to Hurricane Lake. A flexible control structure will be located at Hurricane Lake, a control structure at Silver Lake, along with an upgrading of the Lake Ibsen outlet structure.

Comstock Watershed

The alternative proposed for the watershed is an improvement to the existing channel to Minnewauken Flats.

Stump Lake Watershed

Channel improvements are proposed for Hovey Slough (Lateral "A" Fairdale Drain), Brackett and Lakota Drains, and Horseshoe Lake. Control structures are to be located on Hovey Slough and McHugh Slough along with a pump station at McHugh Slough.

Edmore Watershed

The watershed will contain channel improvements to the north and south branch of Edmore Coulee, a channel extension of Channel "B" (Starkweather), a channel improvement of Edmore Coulee into Sweetwater Lake, diking south of Edmore along Edmore Coulee, and a control structure on Sweetwater - Morrison.

Starkweather Watershed

The alternatives are channel improvements of Channel A, B, C, D, F, J, and K, with an outlet control structure at Dry Lake, a grade stabilization structure (Sec. 11, T154, R 65), and pipe drop structures on Channel "B" and Sec. 3, T156, R63.

Chain Lakes Watershed

Channel improvements are to Calio Coulee and St. Joe Coulee above Chain Lake along with a cross-connect channel between St. Joe and Calio Coulee. A channel will also be constructed from Mikes Lake to Lake Alice along with an upgrading of the existing channel into Mikes Lake from Dry Lake.

Mauvais Coulee Watershed

The watershed will contain channel improvements to Mauvais Coulee above Lake Alice and below Lake Irvine to Highway #281, a channel between Lake Alice and Lake Irvine, an east-west lateral channel at the outlet to Lake Irvine, and an upgrading of the bridges along the lower Mauvais Coulee. Also included are increases in the high water capacity of the Lake Alice and Lake Irvine control structures.

Devils Lake Watershed

The phase of the plan for this watershed is deferred until the consultants are informed by the Devils Lake (City) Task Force.

South Slope Watershed

The alternatives in this watershed are five pipe drop structures and also included in one channel improvement.

NONSTRUCTURAL

Floodplain Management

The use of such things as land use zoning, flood insurance and greenbelting to be used to reduce flood damages.

Land Treatment

An accelerated program of land treatment to be encouraged within the basin, to bring the amount of land adequately treated to 80%.

The Devils Lake Basin Advisory Committee in accompaniment with the aforementioned plan, endorse the following policies and recommendations:

1. Monitoring stations, where appropriate, for water quality treatment.
2. The acceleration of soil surveys in the basin.
3. Soil studies in those areas where soil productivity is declining.

4. Sociological studies, if necessary funding is available, to assess the general perceptions, attitudes and preferences of the total population of the basin in terms of land use and an assessment of sources of conflict and dissatisfaction between various groups with differing interests.
5. Environmental Protection Agency Water Quality Surveillance Act, Section 208 Planning shall be conducted by the North Central Regional Council if funding proposals are approved.
6. A hearing set up within 45 days to settle land title conflicts in the Minnewaukan Flats area.
7. A continuation of the hydrologic planning and modeling.
8. A joint meeting of the local Water Management Boards to decide upon the feasibility of a joint Basin Water Board.
9. The Devils Lake City Task Force remain active until the completion of the study.
10. That allowances be provided to exchange land under easement with land not under easement.
11. Blanket easement procedures be replaced and easements be restricted to designated wetlands.
12. Present North Dakota laws as they relate to drainage be complied with and enforced.
13. Upgrade major existing channels to a bank full capacity at 1 in 8 or 12% chance.
14. Mitigation of wetlands within new channels only after construction has started.
15. The feasibility of using large lakes as natural storage areas.

PREFACE

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APPENDIX "C"

WRITTEN STATEMENTS ARE FILED IN SWC PROJECT
NO. 1053 - DRAINAGE-GENERAL

WATER PERMIT AGENDA FOR JULY 19 AND 20, 1976 MEETING

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2418	Maus, Albert - Golva (Golden Valley Co.)	Unnamed Draw, trib. to Bullion Creek and Little Missouri River	Irrigation- Waterspreading	58.8 acre-feet 58.8 acres	Defer action at this time pending further study and investigations.
2335	Greenmyer, John - Stirum (Sargent County)	Ground Water	Irrigation	278.6 acre-feet 139.3 acres	Defer action at this time pending further study and investigations.
2192	Kemmet, Alton - Tappen (Kidder County)	Ground Water	Irrigation	458.0 acre-feet 305.0 acres	Defer action at this time pending further study and investigations
2433	Falk, Alfred C. - Tappen (Kidder County)	Ground Water	Irrigation	1032.0 acre-feet 509.4 acres	Defer action at this time pending further study and investigations.
2421	Bowman, Shannon D. - Valley City (Barnes County)	Ground Water	Irrigation	160.0 acre-feet 160.0 acres	160.0 acre-feet 160.0 acres
2434	Garnas, Donald M. and Ruth L. - Page (Cass County)	Ground Water	Irrigation	222.6 acre-feet 148.4 acres	Defer action at this time pending further study and investigations.

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2388	Dakota Water Users, Inc.- (McVille Aquifer) Finley (Griggs County)	Ground Water	Municipal- (Rural Domestic)	800.0 acre-feet	350.0 acre-feet
2389	Dakota Water Users, Inc.- (Spiritwood Aquifer) Finley (Griggs County)	Ground Water	Municipal- (Rural Domestic)	875.0 acre-feet	350.0 acre-feet
2432	North Dakota State Farm- Bismarck (Burleigh County)	Ground Water	Irrigation	879.2 acre-feet 439.6 acres	659.4 acre-feet 439.6 acres
2357	Getz, John P. - Rhame (Slope County)	Unnamed Intermittent Draw, trib. to Deep Creek & Little Missouri River	Irrigation- Waterspreading	58.0 acre-feet 29.4 acres	Defer action at this time pending further study and investigations.
2411	Evanson, Roger - Lisbon (Ransom County)	Sheyenne River, tributary to Red River	Irrigation	808.0 acre-feet 404.0 acres	Defer action at this time pending further study and investigations.
2442	Seyer, Gary W. - Oakes (Dickey County)	Ground Water	Irrigation	200.0 acre-feet 149.0 acres	200.0 acre-feet 144.0 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2443	Williston Ready Mix and Streifel, Norman T. - Williston (Williams County)	Ground Water; and Camp Creek, trib. to Little Muddy River	Industrial	20.0 acre-feet (10.0 acre-feet Ground Water) (10.0 acre-feet Camp Creek)	20.0 acre-feet (10.0 acre-feet Ground Water) (10.0 acre-feet Camp Creek) This request approved by State Engineer on 6-25-76
2387	Dunn Center, City of - Dunn Center (Dunn County)	Ground Water	Municipal	50.0 acre-feet	50.0 acre-feet
2326	Simmers, Robert H. - Jamestown (Stutsman County)	Unnamed Stream, trib. to James River	Recreation	46.5 acre-feet storage 24.6 acre-feet annual use	Defer action at this time pending further study and investigations.
2444	McLain, Harley J. - Eckelson (Barnes County)	Ground Water	Irrigation	20.0 acre-feet 20.0 acres	20.0 acre-feet 20.0 acres (This application was approved by State Engineer on June 15, 1976)
2445	K. Kulland Excavating and Gravel Company - Williston (Williams County)	Ground Water	Industrial	10.0 acre-feet	10.0 acre-feet
2448	Croy, Ethel M. - Cartwright (McKenzie County)	Yellowstone River, trib. to Missouri River	Irrigation	80.0 acre-feet 78.0 acres	Defer action at this time pending further study and investigations.

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2450	Widmer, Arnold - Crete (Sargent County)	Ground Water	Irrigation	640.0 acre-feet 159.5 acres	Defer action at this time pending further study and investigations.
2451	Schlosser, Edward G. - Jamestown (Stutsman County)	Unnamed Draw, trib. to James River	Irrigation	376.0 acre-feet 187.9 acres	Defer action at this time pending further study and investigations.
2452	Hawley, Charles W. - Goodrich (Sheridan County)	Ground Water	Irrigation	468.0 acre-feet 312.0 acres	468.0 acre-feet 312.0 acres
2453	Rode, Paul H. - Adrian (LaMoure and Stutsman Cos.)	James River	Irrigation	654.6 acre-feet 327.3 acres	Defer action at this time pending further study and investigations.
2454	Salveson, Ross E. and Franklin - Wildrose (Divide County)	Ground Water	Irrigation	234.0 acre-feet 156.8 acres	202.5 acre-feet 135.0 acres
2300	Gravel Products, Inc. - Minot (Ward County)	Ground Water	Industrial (Gravel Washing)	150.0 acre-feet	150.0 acre-feet

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2379	Dahl, Norman - Watford City (McKenzie County)	Ground Water or Overflow from City Lagoon; and Cherry Creek, trib. to Little Missouri River	Irrigation	280.0 acre-feet (178.0 acre-feet from G.W. or Lagoon; 102.0 acre-feet from Cherry Creek) 142.4 acres	Defer action at this time pending further study and investigations.
2375	Paulson Brothers - Cartwright (McKenzie County)	Missouri and Yellowstone Rivers	Irrigation	992.0 acre-feet 495.8 acres	Defer action at this time pending further study and investigations.
2413	Anderson, Andy - Lisbon (Ransom County)	Ground Water	Irrigation	1280.0 acre-feet 640.0 acres	Recommend for approval: 80.0 acre-feet 80.0 acres in NW¼ 9-134-54 (Balance of request held in abeyance pending additional aquifer data) (This request approved by State Engineer on 6-16-76)
2410	Schmidt, Raymond - Tioga (Williams County)	Unnamed Creek, trib. to White Earth River	Irrigation	108.0 acre-feet 160.0 acres	Defer action at this time - New hearing date to be scheduled (newspaper office closed during week of 2nd publishing)
2439	Sandberg, Gerald - Pettibone (Stutsman County)	Ground Water	Irrigation	220.0 acre-feet 120.0 acres	157.0 acre-feet 105.0 acres
2449	Satterthwaite, Earl - New Town (Mountrail County)	Little Knife River, trib. to Missouri River	Irrigation- Waterspreading	22.0 acre-feet 22.1 acres	Defer action at this time pending further study and investigations.

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2441	Nelson, Mike - Berlin (LaMoure County)	Ground Water	Irrigation	276.0 acre-feet 138.0 acres	207.0 acre-feet 138.0 acres
2435	McCulley, Kenneth and Scott - Linton (Emmons County)	Unnamed Stream and Spring Creek, trib. to Beaver Creek and Missouri River	Irrigation	227.7 acre-feet 227.7 acres	Defer action at this time pending further study and investigation.
2458	Ochs, Ed - Fairview, Montana (McKenzie County)	Ground Water	Irrigation	79.0 acre-feet 79.0 acres	79.0 acre-feet 79.0 acres
2304	Andrews, Robert E. - Bowman (Bowman County)	East Fort Deep Creek, trib. to Little Missouri River	Irrigation	150.0 acre-feet 145.8 acres	50.0 acre-feet 72.9 acres
2342	Sorelde, David - Bowman (Bowman County)	East Fork Deep Creek, trib. to Little Missouri River	Irrigation	125.0 acre-feet 62.5 acres	50.0 acre-feet 62.5 acres