

1989 INDEX

<u>A</u>	<u>Pages</u>
Agassiz Water Supply Project - Consideration of Request for Local Contribution Provided by Local Sponsor to Phase I of Project be Approved as a Portion of the Non-Federal Costs of the Overall Total Project; ** SWC Approval of Request -----	113
Apollo Sign Company - Consideration and Approval of Request to Place Sign on State Water Commission Property -----	184
 <u>B</u> 	
Backes, Richard:	
1) SWC Commission Term: 7-1-85 - 1-15-89	
2) Highway Commissioner Appointment-1-15-89	1
3) SWC Consideration and Approval of Resolution of Appreciation 89-1-429 ---	19, 22
Baldhill Dam - Consideration and SWC Support of Proposed Corps of Engineers Modification to Dam for Safety Purposes and SWC is Agreeable to do whatever is Necessary to Seek a Non-Federal Sponsor for Project if Satisfactory Resolution of Final Details of Cost Sharing is Accomplished -----	136
Barnes County Water Resource District - Consideration of Request for Cost Sharing for Sheyenne River Snagging and Clearing Project; ** SWC Approval of \$9,440 (\$5,200 from Contract Fund and \$4,240 as Technical Assistance from SWC Engineering Staff) (25% of Eligible Project Costs) -----	14
Binegar, Randall:	
1) Resignation as MR&I Water Supply Program Coordinator, Effective 10-20-89	146
2) SWC Consideration and Approval of Resolution of Appreciation 89-12-435 --	182, 186

Biota Transfer Study (Interbasin Biota Transfer Study):

1) Study Status Reports -----	25
2) SWC Consideration and Approval of Resolution 89-3-431, Encouraging the US Bureau of Reclamation to Participate in Cost Sharing in the Interbasin Water Transfer Studies Program Being Coordinated by the North Dakota State Water Commission and to "Pool" Their Funds with those of the State Water Commission, Garrison Diversion Conservancy District, North Dakota Resources Research Institute, and Other Participating Parties -----	25, 46
 Bottineau County Water Resource District - Consideration of Request for Cost Sharing in Reconstruction of Brander Drain No. 7; ** SWC Approval of \$134,920 (40% of Eligible Project Costs) -----	67
 Burke County - Consideration and Approval of Release of Easement for Parcel of Land Located in West One-Half of Section 2, Township 163 North, Range 94 West -----	91, 96
<u>C</u>	
 Cass County Drain No. 19, Phase I - Consideration of Request from North Cass Water Resource District for Cost Sharing in Channel Improvement Project; ** SWC Approval of \$7,000 (40% of Eligible Project Costs) -----	109
 Cavalier County Water Resource District - Consideration of Request for Cost Sharing of Rush Lake Restoration Project; ** SWC Approval of \$223,100 (\$171,850 from Contract Fund and Balance SWC Engineering Services) (40% of Eligible Project Costs) -----	69
 Creel Domestic Utilities Project - Consideration of Request for MR&I Water Supply Program Funds in the Amount of \$337,500, and Request for 50% Grant of \$56,250 for Non-Federal Project Costs; ** SWC Action Deferred -----	175

D

Dakota Gasification Company:

- 1) SWC Consideration of Request to Rescind Water Permit Condition No. 6 -- 127, 144
- 2) SWC Motion to Rescind Condition - Deferred ----- 127
- 3) SWC Approval of Request to Rescind Condition ----- 144
- 4) Resolution from Dakota Gasification Company Board of Directors Pledging to Utilize the Water, Energy and Other Resources at its Disposal to Help Enhance and Diversify the Economy of the State of North Dakota and to help Maintain Stable Electric Consumers by Continuing and Expanding Development of the Great Plains Synfuels Plant, Resolution dated October 11, 1989 ----- 144, 160
- 5) Letters of Response from SWC to Dakota Resources Council and Mercer County Landowners Association Regarding Commission Action ----- 183

Devils Lake Flood Control Project:

- 1) Project Status Reports ----- 92, 116, 123, 141, 165
- 2) Presentation by Corps of Engineers Regarding Re-evaluation of Draft Feasibility Report and Environmental Impact Statement ----- 92
- 3) Devils Lake Outlet Committee Report and Recommendations on Corps of Engineers Re-evaluation of Report ----- 116
- 4) Commissioner Jacob Gust Appointed as Member of Devils Lake Outlet Committee to Replace Richard Backes --- 117, 123
- 5) Presentation by Representative Gordon Berg Relative to Project ----- 117
- 6) SWC Approval to Request Corps of Engineers to Complete Flood Control Study as Quickly as Possible; Requesting that Senator Burdick Seek

a Directive to the Corps of Engineers for the Authority to Conduct a Study for the Purposes of Providing Plans for the Development, Utilization, and Conservation of Water and Related Land Resources in the Devils Lake Basin; and that the Initial Study be a Reconnaissance Level Study, Completed Within Twelve Months, Addressing Water Management, Stabilized Lake Levels, Water Supply, Water Quality, Recreation, Water Pollution Abatement, and Enhancement and Conservation of Fish and Wildlife ----- 123

- 7) SWC Response to Corps of Engineers December 1, 1989 Letter Indicating it Cannot be Local Project Sponsor for Devils Lake Outlet Flood Control Study and Accepts Suspension of Study Until Such Time the Fiscal Situation in North Dakota Improves and a Local Project Sponsor can be Identified ----- 165

E

Edgeley Water Supply Project - Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study;
 ** SWC Approval of \$4,875 MR&I Funds (75% of Study Costs) ----- 9

Edmore Water Supply Project - Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study;
 ** SWC Approval of \$3,750 MR&I Funds (75% of Study Costs) ----- 10

Englevale Rural Water Project:

- 1) Consideration of Request for MR&I Water Supply Program Funds for Design and Construction Phase;
 ** SWC Approval of \$69,750 MR&I Funds (75% of Design and Construction Costs) ----- 31
- 2) Consideration of Request for 50% Grant Through MR&I Water Supply Program Allocation of Resources Trust Fund for Non-Federal Share of Project;
 ** SWC Approval of \$13,125 ----- 41

F

Fahy, Vernon:

- 1) State Engineer and Chief Engineer-
Secretary of the State Water Commission
(May 1, 1973 - May 31, 1989)
- 2) Resignation as State Engineer and Chief
Engineer of the State Water Commission,
Effective May 31, 1989 ----- 53, 76
- 3) SWC Consideration and Approval of
Resolution of Appreciation 89-6-433 --- 94, 97

Fargo Water Supply Project - Consideration of
Request for MR&I Water Supply Program Funds
for Feasibility Study;
** SWC Approval of \$5,000 MR&I Funds
(75% of Study Costs) ----- 149

Fay, James T. - Appointed Southwest Pipeline
Project Manager, Effective October 1, 1989 140

Frink, Dale - State Water Commission Director
of Engineering, Effective August 23, 1989 - 122

G

Garrison Diversion Project:

- 1) Project Status Reports ----- 2, 30, 61,
79, 129, 145,
170
- 2) Mid-Dakota Reservoir Proposal -
Presentation by Stephen Hoetzer ----- 2
- 3) Interbasin Water Transfer Studies
Program (Biota Transfer):
 - a) Study Status Reports ----- 25, 45, 81,
146, 179
 - b) SWC Consideration and Approval
of Resolution 89-3-341,
Encouraging the US Bureau of
Reclamation to Participate in
Cost Sharing in the Interbasin
Water Transfer Studies Program
Being Coordinated by the State
Water Commission and to "Pool"

	Their Funds with those of the Program Participating Parties --	25, 46
4)	Red River Municipal Water Supply Study:	
	a) Study Status Reports -----	28, 81, 156, 167
	b) Commissioner William Lardy's Comments Relative To Red River Study and Use Of Water To Encourage Economic Development --	81
	c) SWC Consideration and Approval to Enter into Contract with North Dakota State University to Conduct Study of Economic and Population Projections for Study and Cost Sharing in 12 1/2 Percent of Costs with Money from the Garrison MR&I Needs Assessment Fund -----	81
5)	Consideration and Approval to Schedule Joint State Water Commission and Garrison Diversion Conservancy District Meeting -----	14
6)	Critique Summary of US Bureau of Reclamation's Sykeston Canal Evaluation and Risk Analysis, Dated March, 1989 --	74
7)	Fiscal Year 1990 Federal Budget:	
	a) Reduction of Funds for FY 1990 by 12%, or \$3.6 Million -----	171
8)	Reorganization of United States- Canada Garrison Diversion Technical Committee -----	145, 170
9)	Municipal, Rural and Industrial (MR&I) Water Supply Program:	
	a) MR&I Program Status Reports -----	7, 30, 61, 79, 113, 129, 146, 171

b)	MR&I Project Priority Committee:	
	1) Committee Reports -----	12
	2) SWC Adoption of Committee Report -----	13
c)	Consideration and SWC Approval of Construction, Engineering, Right-of-Way and Legal as Eligible Water Supply Project Costs for MR&I Water Supply Program Funds -	30
d)	SWC Discussion Relative to Considering Potential for Economic Development as a Priority Factor when Considering Water Supply Projects for Funding	113
e)	SWC Discussion Relative to Concept of Communities with Populations Over 500 to Develop Contingency Water Supply Plans --	119, 136
f)	Resignation of Randall Binigar, MR&I Water Supply Program Coordinator, Effective 10-20-89 -	146
g)	Jeffrey Mattern Named As MR&I Water Supply Program Coordinator, Effective 11-1-89 -----	146
h)	Consideration and SWC Approval of Appointment of Garrison Diversion Conservancy District Committee to Develop Recommen- dations on Percentage of MR&I Funding for Feasibility Studies:	
	1) Commissioners Jerome Spaeth and Norman Rudel Appointed	14
	2) Report and Recommendations from Committee -----	65
	3) SWC Adoption of Policy Recommendation by Committee	65
	4) Appointment of Commissioners Jerome Spaeth and Norman Rudel to Appeals Board to Hear Special MR&I Cases for Funding Feasibility Studies	66

5)	Comments by Clark Cronquist, Agassiz Rural Water Supply Project, Relating to Cost Sharing Formula on MR&I Funding for Projects -----	179
i)	Northwest Area Water Supply Study (NAWS):	
1)	Study Status Reports -----	17, 176
2)	Completion and Presentation of Summary on Supplemental Study to Northwest Area Water Supply Study -----	57
3)	SWC Authorization for State Engineer and Staff to Continue Negotiations with Three Affiliated Tribes for Development of Alternative for Integrating the Proposed Water Improvements for the Fort Berthold Indian Reser- vation with the Proposed Water Improvement of NAWS Study -----	58
4)	Consideration of Request for Federal MR&I Water Supply Program Funds for Report Costs of NAWS Study Integrated East Water Supply Program; ** SWC Approval of MR&I Funds of \$22,936 -----	176
5)	Consideration of Request for 25% Grant from Resources Trust Fund in Amount of \$7,646 for Non-Federal Share of Study Costs of NAWS Study Integration East Water Supply Program; ** SWC Approval of 25% Grant from Resources Trust Fund in Amount of \$7,646 -----	176
j)	Consideration of MR&I Water Supply Program Funds for Needs Assessment Account; ** SWC Approval of MR&I Funds of \$75,000 -----	171

- k) Agassiz Rural Water Supply Project - Consideration of Request for MR&I Water Supply Program Funds for Non-Federal Projects Costs for Phase I;
 ** SWC Approval of Request (No Specific Amount Approved) ---- 113

- l) Creel Domestic Utilities Project - Consideration of Request for MR&I Water Supply Program Funds in Amount of \$337,500, and Request for 50% Grant of \$56,250 for Non-Federal Costs for Design Phase;
 ** SWC Action Deferred ----- 175

- m) Edgeley Water Supply Project Feasibility Study;
 ** SWC Approval of MR&I Funds of \$4,875 (75% of Study Costs) -- 9

- n) Edmore Water Supply Project Feasibility Study;
 ** SWC Approval of MR&I Funds of \$3,750 (75% of Study Costs) -- 10

- o) Englevale Water Supply Project Design and Construction Phase:

 ** SWC Approval of MR&I Funds of \$69,750 (75% of Phase Costs) - 31

 ** SWC Approval of 50% Grant, in the Amount of \$13,125 Through Resources Trust Fund for Non-Federal Share of Design and Construction Phase ----- 41

- p) Fargo Water Supply Project Feasibility Study;
 ** SWC Approval of MR&I Funds of \$2,000 (75% of Study Costs) -- 149

- q) Golden Lake Resort Water Supply Project:

 1) ** SWC Approval of MR&I Funds of \$6,000 for Feasibility Study (75% of Study Costs) ---- 9

2)	** SWC Approval of MR&I Funds of \$43,500 for Design and Construction Phase (75% of Costs) -----	32
r)	Grandin Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$2,500 (75% of Study Costs)	147
s)	Gwinner Water Supply Project for Design and Construction Phase; ** SWC Approval of MR&I Funds of \$182,500 (75% of Costs) -----	11
t)	Hankinson Water Supply Project:	
1)	** SWC Approval of MR&I Funds of \$6,000 for Feasibility Study (75% of Costs) -----	9
2)	** SWC Approval of MR&I Funds of \$458,625 for Design and Construction Phase (75% of Costs) -----	34
u)	Hannaford Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$5,625 (75% of Study Costs) --	9
v)	Harvey Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$6,075 (75% of Study Costs) --	9
w)	Kensal Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$2,250 (75% of Study Costs) --	150
x)	Killdeer Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$9,000 (75% of Study Costs) --	9
y)	Kindred Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$2,000 (75% of Study Costs) --	148

- z) Langdon Rural Water Supply Project:
 - 1) ** SWC Approval of MR&I Funds of \$184,500 for Design and Construction of Phase II (75% of Project Costs) ----- 62
 - 2) Dedication of Phase I of Project on June 13, 1989 -- 79
 - 3) ** SWC Approval of \$1,151,784 in Form of MR&I Program Grant for Partial Costs of Construction of Phase II ----- 130
- aa) Lehr Water Supply Project Feasibility Study;
 - ** SWC Approval of MR&I Funds of \$5,250 (75% of Study Costs) -- 9
- bb) McLean-Sheridan Water Supply Project:
 - 1) ** SWC Approval of MR&I Funds of \$3,016,500 for Phase I Construction of Project (75% of Costs) - 63
 - 2) ** SWC Approval of 50% Grant Through the MR&I Allocation of the Resources Trust Fund for Non-Federal Share for Construction Costs in an Amount not to Exceed \$502,750 ----- 64
 - 3) ** SWC Approval for Repayment of \$165,000 Loan, Plus Interest, Through Deduction of \$502,750 Resources Trust Fund Grant Provided for the Construction of Project - 155
 - 4) ** SWC Approval of MR&I Funds of \$710,250 for Construction of Alternative 4, Coleharbor Component, of Project (75% of Costs) ----- 174

- 5) Consideration of Request for 50% Grant for Non-Federal Share of Project Costs for Alternative 4, Coleharbor Component, of Project in Amount of \$118,375;
 - ** SWC Action Deferred -- 174

- cc) Minto Water Supply Project:
 - 1) Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study;
 - ** No SWC Action Taken -- 13

 - 2) ** SWC Approval of MR&I Funds of \$662,250 for Design and Construction Phase of Project and that City of Minto be Allowed to Determine the Water Supply Source ---- 38

 - 3) ** SWC Approval of 50% Grant through MR&I Allocation of Resources Trust Fund for Non-Federal Share of Design and Construction Costs for Alternative No. 1, for Grafton Supply, not to Exceed \$96,750 ----- 80

 - 4) Comments from Minto City Mayor on Project ----- 179

- dd) Missouri West Rural Water Supply System Feasibility Study;
 - ** SWC Approval of MR&I Funds of \$23,625 (75% of Study Costs) - 9

- ee) New Town Water Storage Reservoir Project:
 - 1) ** SWC Approval of MR&I Funds of \$7,500 for Feasibility Study (75% of Study Costs) ----- 9

2)	** SWC Approval of MR&I Funds of \$108,000 for Design and Construction Phase of Project -----	35
ff)	Old Settlers Park Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$5,250 (75% of Study Costs) -	9
gg)	Park River Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$3,500 (75% of Study Costs) -	151
hh)	Rolla Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$6,000 (75% of Study Costs) -	9
ii)	Rugby Water Treatment Project:	
1)	** SWC Approval of MR&I Funds of \$10,500 for Feasibility Study (75% of Study Costs) -----	9
2)	** SWC Approval of MR&I Funds of \$187,500 for Design and Construction Phase (75% of Costs) ---	36
3)	** SWC Approval of Additional MR&I Funds of \$61,635 for Construction of Phase I of Project (75% of Project Costs) -	115
jj)	Southwest Pipeline Project:	
1)	Consideration and SWC Approval of Policy to Allow the Interest Earned on the Southwest Pipeline Project MR&I Allocation to be Spent on the Pipeline Project -----	66
2)	Consideration and SWC Approval of Allocation of Federal FY 1989 Year-End MR&I Funds in Amount of	

	\$2,033,000 to be used for Construction of Southwest Pipeline Project -----	172
3)	SWC Comments that Southwest Pipeline Project is of High Priority when Reallocation of FY 1990 MR&I Funds are Determined -----	180
kk)	Streeter Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$5,625 (75% of Study Costs) -	9
ll)	Wishek Water Supply Project Feasibility Study; ** SWC Approval of MR&I Funds of \$6,750 (75% of Study Costs) -	9
 Golden Lake Resort Water Supply Project:		
1)	Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study; ** SWC Approval of \$6,000 MR&I Funds (75% of Study Costs) -----	9
2)	Consideration of Request for MR&I Water Supply Program Funds for Design and Construction Phase; ** SWC Approval of \$43,500 MR&I Funds (75% of Eligible Costs) ---	32
 Golden-Rush Lake Outlet Channel - Consideration of Request from Steele County Water Resource District for Cost Sharing;		
	** SWC Approval of \$9,950 (\$7,050 is from Contract Fund and Balance SWC Engineering Services) (33% of Eligible Project Costs) -----	72
 Grand Forks New Riverside Park Dam - Dedication of Dam on June 22, 1989 -----		
		79
 Grandin Water Supply Project - Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study;		
	** SWC Approval of \$2,500 MR&I Funds (75% of Study Costs) -----	147

Grants - Governor Sinner's Request to Delay
Dispersion of Grants Using State General or
Special Fund Money Under the Agency's
Authority which are not bound by a Certain
Time Requirement in the Authorizing
Legislation ----- 153

Gwinner Water Supply Project - Consideration of
Request for MR&I Water Supply Program Funds
for Design and Construction Phase;
** SWC Approval of \$182,500 MR&I Funds
(75% of Eligible Project Costs) ----- 11

H

Hammer-Sullivan Drain No. 1, Phase II -
Consideration of Request from Ramsey County
Water Resource District for Cost Sharing in
40% of Eligible Project Costs in the Amount
of \$120,566 for Construction of Project;
** SWC Action Deferred ----- 181

Hankinson Water Supply Project:

1) Consideration of Request for MR&I Water
Supply Program Funds for Feasibility
Study;
** SWC Approval of \$6,000 MR&I Funds
(75% of Study Costs) ----- 9

2) Consideration of Request for MR&I Water
Supply Program Funds for Design and
Construction Phase;
** SWC Approval of \$458,625 MR&I
Funds (75% of Eligible Costs) --- 34

Hannaford Water Supply Project - Consideration
of MR&I Water Supply Program Funds for
Feasibility Study;
** SWC Approval of \$5,625 MR&I Funds
(75% of Study Costs) ----- 9

Harvey Water Supply Project - Consideration
of Request for MR&I Water Supply Program
Funds for Feasibility Study;
** SWC Approval of \$6,075 MR&I Funds
(75% of Study Costs) ----- 9

Heimdal Drain - Consideration of Request from
 Nelson County Water Resource District for
 Additional Cost Sharing and Reappropriation
 of Approved Carry-Over Funding for Project;
 ** SWC Approval of \$58,815
 (40% of Eligible Project Costs) ----- 85

I

Interbasin Water Transfer Studies Program
 (Biota Transfer):

- 1) Study Status Reports ----- 25, 45, 81,
146, 179
- 2) SWC Consideration and Approval of
 Resolution 89-3-341, Encouraging the
 US Bureau of Reclamation to Participate
 in Cost Sharing in the Interbasin Water
 Transfer Studies Program Being Coor-
 dinated by State Water Commission and
 to "Pool" Their Funds With Those of the
 Program Participating Parties ----- 25, 46

J

Jones, Kent:

- 1) Term as Ex-Officio Member of SWC:
 Elected: Jan. 1, 1981 - Dec. 31, 1984
 Re-elected: Jan. 1, 1985 - Dec. 31, 1988
 Defeated by Sarah Vogel in 1988 Election
- 2) Consideration and SWC Approval of
 Resolution of Appreciation 89-1-430 --- 19, 21

K

Kensal Water Supply Project - Consideration
 of Request for MR&I Water Supply Program
 Funds for Feasibility Study;
 ** SWC Approval of \$2,250 MR&I Funds
 (75% of Study Costs) ----- 150

Killdeer Water Supply Project - Consideration
 of Request for MR&I Water Supply Program
 Funds for Feasibility Study;
 ** SWC Approval of \$9,000 MR&I Funds
 (75% of Study Costs) ----- 9

Kindred Water Supply Project - Consideration of MR&I Water Supply Program Funds for Feasibility Study;	
** SWC Approval of \$2,000 MR&I Funds (75% of Study Costs) -----	148

L

Lake Hoskins Project - Consideration of Request from McIntosh County Water Resource District for Cost Sharing;	
** SWC Approval of \$14,256 (\$10,800 from Contract Fund and Balance SWC Engineering Services) (33% of Eligible Project Costs) -----	71

Lakota Drain (Nelson County Legal Drain #4) - Consideration of Request for Additional \$6,344 for Project;	
** SWC Approval of \$6,344, not to Exceed Total Project Cost of \$19,274 (40% of Eligible Project Costs) -----	82

Lake Sakakawea - Lake Oahe Surplus Land Proposal for Corps of Engineers to Return Lands to Indian Tribes:	
1) Proposal Discussion -----	93
2) SWC Decision to Meet with SORIC to Discuss and Provide Comments to Proposal	94

Langdon Rural Water Supply Project:	
1) Consideration of Request for MR&I Water Supply Program Funds for Phase II; ** SWC Approval of \$184,500 MR&I Funds-62	
2) Dedication for Phase I - June 13, 1989	79
3) Consideration of Request for MR&I Water Supply Program Funds for Part I of Construction Phase of Phase II; ** SWC Approval of \$1,151,784 MR&I	130

Lehr Water Supply Project - Consideration of Request for MR&I Water Supply Program Funds for Feasibility Study;	
** SWC Approval of \$5,250 MR&I Funds (75% of Study Costs) -----	9

M

Mattern, Jeffrey - Named as MR&I Water Supply
Program Coordinator, Effective 11-1-89 ----- 146

McIntosh County Water Resource District -
Consideration of Request for Cost Sharing
in Lake Hoskins Project;
** SWC Approval of \$14,256
(\$10,800 from Contract Fund and
Balance SWC Engineering Services)
(33% of Eligible Project Costs) ----- 71

McLean-Sheridan Water Supply Project:

1) ** SWC Approval of MR&I Funds of
\$3,016,500 for Phase I Construction
of Project (75% of Costs) ----- 63

2) ** SWC Approval of 50% Grant Through
the MR&I Allocation of the Resources
Trust Fund for Non-Federal Share for
Construction Costs in an Amount not
to Exceed \$502,750 ----- 64

3) ** SWC Approval for Repayment of
\$165,000 Loan, Plus Interest,
Through Deduction of \$502,750
Resources Trust Fund Grant Provided
for the Construction of Project --- 155

4) ** SWC Approval of MR&I Funds of
\$710,250 for Construction of
Alternative 4, Coleharbor Component,
of Project (75% of Costs) ----- 174

5) Consideration of Request for 50% Grant
for Non-Federal Share of Project Costs
for Alternative 4, Coleharbor Component,
of Project in Amount of \$118,375;
** SWC Action Deferred ----- 174

Meetings:

January 26, 1989	Bismarck, ND
March 9, 1989	Bismarck, ND
April 20, 1989 (Telephone Conference Call)	Bismarck, ND
May 10, 1989	Minot, ND
June 7, 1989	Bismarck, ND
June 15, 1989 (Telephone Conference Call)	Bismarck, ND

July 7, 1989
August 24, 1989
October 20, 1989
December 6, 1989

Devils Lake, ND
Bismarck, ND
West Fargo, ND
Grand Forks, ND

Mid-Dakota Reservoir (Garrison Diversion
Project) - Presentation by Stephen
Hoetzer Relative to Project ----- 2

Minto Water Supply Project:

- 1) Consideration of Request for MR&I
Water Supply Program Funds for
Feasibility Study;
** No SWC Action Taken ----- 13
- 2) ** SWC Approval of MR&I Funds of
\$662,250 for Design and Construction
Phase of Project and that City of
Minto be Allowed to Determine the
Water Supply Source ----- 38
- 3) ** SWC Approval of 50% Grant Through
MR&I Allocation of Resources
Trust Fund for Non-Federal Share
of Design and Construction Costs
for Alternative No. 1, for Grafton
Supply, not to Exceed \$96,750 ----- 80
- 4) Comments from Minto City Mayor on
Project ----- 179

Minutes of Meetings:

December 7, 1988 Considered and Approved - 1
January 26, 1989 Considered and Approved - 23
March 9, 1989 Considered and Approved - 50
April 20, 1989 (Telephone Conference Call)
Considered and Approved - 51
May 10, 1989 Considered and Approved - 78
June 7, 1989 Considered and Approved - 103
June 15, 1989 (Telephone Conference Call)
Considered and Approved - 103

July 7, 1989 Considered and Approved - 121
 August 24, 1989 Considered and Approved - 139
 October 20, 1989 Considered and Approved - 162

Missouri River:

- 1) Status Reports ----- 143, 169
- 2) US Army Corps of Engineers Review of
 Master Manual for River Operations ---- 143
- 3) State Engineer Appointed as North
 Dakota Representative to Missouri River
 Basin Governors' Oversight Committee -- 170
- 4) Formation of Master Manual Review
 Committee Considering Missouri River
 Water Uses ----- 170

Missouri West Rural Water Supply System -
 Consideration of Request for MR&I Water
 Supply Program Funds for Feasibility
 Study;

** SWC Approval of \$23,625 MR&I Funds
 (75% of Study Costs) ----- 9

Municipal, Rural and Industrial (MR&I) Water
 Supply Program

(See No. 9 under Garrison Diversion Project)

N

Nelson County Legal Drain No. 4 (Lakota Drain) -
 Consideration of Request for Additional
 \$6,344 for Project;

** SWC Approval of \$6,344, not to
 Exceed Total Cost of \$19,274
 (40% of Eligible Project Costs) ----- 82

Nelson, Dennis:

- 1) Water Education for Teachers Program
 (WET) - Resignation as Program
 Coordinator; Effective 11-15-89 ----- 158
- 2) Resolution of Appreciation 89-12-436 -- 183, 187

New Town Water Storage Reservoir Project:

- 1) ** SWC Approval of MR&I Funds of \$7,500 for Feasibility Study (75% of Study Costs) ----- 9
- 2) ** SWC Approval of MR&I Funds of \$108,000 for Design and Construction Phase of Project ----- 35

- North Cass Water Resource District -
Consideration of Request for Additional Cost Sharing and Carryover Funding for RC&D Critical Area Treatment Site #31C;
** SWC Approval of Additional \$1,091 (Total Eligible Costs of Project not to Exceed \$8,235) (40% of Eligible Project Costs) ----- 84

- North Cass Water Resource District -
Consideration of Request for Cost Sharing in Channel Improvement Project for Cass County Drain No. 19, Phase I;
** SWC Approval of \$7,000 (40% of Eligible Project Costs) ----- 109

Northwest Area Water Supply Study (NAWS):

- 1) Study Status Reports ----- 17, 176
- 2) Completion and Presentation of Summary on Supplemental Study to Northwest Area Water Supply ----- 57
- 3) SWC Authorization for State Engineer and Staff to Continue Negotiations with Three Affiliated Tribes for Development of Alternative for Integrating the Proposed Water Improvements for the Fort Berthold Indian Reservation with the Proposed Water Improvement of NAWS Study ----- 58
- 4) Consideration of Request for Federal MR&I Water Supply Program Funds for Report Costs of NAWS Study Integrated East Water Supply Program;
** SWC Approval of MR&I Funds of \$22,936 ----- 176
- 5) Consideration of Request for 25% Grant from Resources Trust Fund in Amount of \$7,646 for Non-Federal

Share of Study Costs of NAWS Study
 Integration East Water Supply Program;
 ** SWC Approval of 25% Grant
 from Resources Trust Fund
 in Amount of \$7,646 ----- 176

O

Old Settlers Park Water Supply Project -
 Consideration of Request for MR&I Water
 Supply Program Funds for Feasibility Study;
 ** SWC Approval of \$5,250 MR&I Funds
 (75% of Study Costs) ----- 9

P

Park River Water Supply Project - Consideration
 of Request for MR&I Water Supply Program
 Funds for Feasibility Study;
 ** SWC Approval of \$3,500 MR&I Funds
 (75% of Study Costs) ----- 151

Q

R

Ramsey County Water Resource District -
 Consideration of Request for Cost
 Sharing in 40% of Eligible Project
 Costs in the Amount of \$120,566 for
 Construction of Project;
 ** SWC Action Deferred ----- 181

Red River Dikes:

- 1) Project Status Reports ----- 73, 112, 125,
142, 168
- 2) SWC Consideration and Approval to
 Set Aside \$6,500 to Pay Expenses
 Necessary to Bring Wosick Dike
 into Compliance with Corrective Plan -- 125, 142
- 3) SWC Consideration and Approval for
 Additional \$2,130 for Wosick Dike
 Removal ----- 168

Red River Municipal Water Supply Study:

- 1) Project Status Reports ----- 28, 81, 156, 167
- 2) Commissioner William Lardy's Comments
Relative to Red River Study and Use
of Water to Encourage Economic
Development ----- 81
- 3) SWC Consideration and Approval to
Enter into Contract with North Dakota
State University to Conduct Study
of Economic and Population
Projections for Study and Cost Sharing
in 12 1/2 Percent of Costs with Money
from the Garrison MR&I Needs Assess-
ment Fund ----- 81

Reile's Acres, City of, Flood Control Study -
Consideration of Request from Southeast
Cass Water Resource District for Cost
Sharing in Study;
** SWC Approval of \$10,000
(50% of Eligible Study Costs) ----- 110

Resolutions:

- 89-1-429 Kent Jones, In Appreciation --- 19, 21
- 89-1-430 Richard Backes, In Appreciation 19, 22
- 89-3-431 Encourages United States Bureau
of Reclamation to Participate
in Cost Sharing in the Inter-
basin Water Transfer Studies
Program Being Coordinated by
the North Dakota State Water
Commission and to "Pool" Their
Funds with Those of the State
Water Commission, Garrison
Diversion Conservancy District,
North Dakota Water Resources
Research Institute, and Other
Participating Parties ----- 25, 46
- 89-5-432 In Support of Rafferty and
Alameda Dams in Canada ----- 61, 77
- 89-6-433 Vernon Fahy, In Appreciation -- 94, 97
- 89-10-434 Rosellen Sand, In Appreciation 158, 161

89-12-435 Randall Binegar, In Appreciation 182, 186

89-12-436 Dennis Nelson, In Appreciation 183, 187

Resources Trust Fund - Reallocation of Funds -- 54, 90, 153

Richland County Water Resource District -
 Consideration of Request for Cost Sharing
 in Sheyenne River Snagging and Clearing
 Project;

 ** SWC Approval of \$32,500 (\$30,000
 from Contract Fund and \$2,500 as
 Technical Assistance from SWC
 Engineering Staff)
 (25% of Eligible Project Costs) ----- 16

Richland County Drain No. 32B Channel
 Improvement Project - Consideration of
 Request from Richland County Water
 Resource District for Cost Sharing
 in Project;

 ** SWC Approval of \$11,670
 (40% of Eligible Project Costs) ----- 108

Rolla Water Supply Project - Consideration
 of Request for MR&I Water Supply
 Program Funds for Feasibility Study;

 ** SWC Approval of \$6,000 MR&I Funds
 (75% of Study Costs) ----- 9

Rugby Water Treatment Project:

1) ** SWC Approval of MR&I Funds of
 \$10,500 for Feasibility Study
 (75% of Study Costs) ----- 9

2) ** SWC Approval of MR&I Funds of
 \$187,500 for Design and
 Construction Phase
 (75% of Costs) ----- 36

3) ** SWC Approval of Additional MR&I
 Funds of \$61,635 for Construction
 of Phase I of Project
 (75% of Project Costs) ----- 115

Rush Lake Restoration Project - Consideration
 of Request from Cavalier County Water
 Resource District for Cost Sharing;

 ** SWC Approval of \$223,100
 (\$171,850 from Contract Fund and
 Balance SWC Engineering Services)
 (40% of Eligible Project Costs) ----- 69

S

Sand, Rosellen M. - Consideration and
Approval of Resolution of Appreciation
No. 89-10-434 ----- 158, 161

Sheyenne-Maple River Flood Control Project:

1) Consideration of Request for Funding
Assistance in the Amount of \$900,000
for Non-Federal Costs for the Horace-
West Fargo Diversion;
** SWC Action Deferred ----- 154, 180

2) SWC Tour of Project, October 20, 1989 - 159

Sheyenne River Snagging and Clearing
Project in Barnes County - Consideration
of Request from Barnes County Water
Resource District for Cost Sharing;
** SWC Approval of \$9,440
(\$5,200 from Contract Fund and
\$4,240 in Technical Assistance
from SWC Engineering Staff)
(25% of Eligible Project Costs) ----- 14

Sheyenne River Snagging and Clearing
Project in Richland County - Consideration
of Request from Richland County Water
Resource District for Cost Sharing;
** SWC Approval of \$32,500
(\$30,000 from Contract Fund and
\$2,500 in Technical Assistance
from SWC Engineering Staff)
(25% of Eligible Project Costs) ----- 16

Sheyenne River Snagging and Clearing
Project - Consideration of Request
from Southeast Cass Water Resource
District for Additional Cost Sharing
in Project;
** SWC Approval of an Additional
\$12,478, not to Exceed Total
Project Costs of \$36,228
(25% of Eligible Project Costs) ----- 83

Souris River Flood Control Project:

1) Project Status Reports ----- 19, 59, 95,
119, 122, 141,
164

- 2) SWC Consideration and Approval to Release \$852,692 from the Carryover Appropriation Funds to Revert to the Resources Trust Fund; and, in turn, Allocate \$852,692 from the Current Appropriation to the SWC from the Resources Trust Fund ----- 59
- 3) Presentation by City of Minot Reps in Support of Rafferty and Alameda Dams Project ----- 60
- 4) SWC Consideration and Approval of Resolution No. 89-5-432, In Support of Rafferty and Alameda Dams Project -- 61, 77
- 5) Distribution of Draft of Initial Evaluation of Rafferty and Alameda Dams Project ----- 95

Southeast Cass Water Resource District -
 Consideration of Request for Additional Funding for Sheyenne River Snagging and Clearing Project;

- ** SWC Approval of Additional \$12,478 (Not to Exceed \$36,228 Total Project Costs) (25% of Eligible Project Costs) ----- 83

Southeast Cass Water Resource District -
 Consideration of Request for Cost Sharing in City of Reile's Acres Flood Control Study;

- ** SWC Approval of \$10,000 (50% of Eligible Study Costs) ----- 110

Southwest Pipeline Project:

- 1) Project Status Reports ----- 17, 24, 47, 51, 87, 103, 122, 140, 163
- 2) SWC Approval of Award of Contract 5-2 for Dickinson Reservoir to George E. Haggart, Inc. of Fargo ----- 18
- 3) Discussion Relative to Parallel Pipelines ----- 18
- 4) SWC Approval of Award of Contract 2-1 for Raw Water Pipeline to Barnard Construction Company, Inc. of Bozeman, MT ----- 24

5)	SWC Approval of Award of Contract 1-1/3-1A for Intake Pump Station and Raw Water Reservoir to Industrial Builders, Inc. of Bismarck -----	25
6)	Presentation by West River Joint Board of its Study of Integration of Rural Distribution Systems with SWPP:	
	a) Status Reports and Discussion ---	28, 29, 90, 104
	b) Presentation by Bruce McCollom, Project Manager for Bartlett and West/Boyle Engineering, of Final Report of Integration Study -----	29
	c) SWC Consideration and Approval to Direct State Engineer and Staff to Design Future Construction of SWPP Project with Integration of Rural Water as a Criteria ----	104
	d) Statements by Alfred Underdahl, Chairman of West River Joint Water Resource Board -----	105, 120
7)	Archeological Studies:	
	a) Status Reports -----	47, 90
	b) SWC Consideration and Approval of Award of Contract for Cultural Resource Mitigation Requirements for Sites 32ME797, 32ME847 and 32ME799-K to Larson-Tibesar Associates, Laramie, Wy -----	47
8)	Reallocation of Resources Trust Fund Allocation for Project -----	54, 118
9)	Federal Power Distribution:	
	a) Status Reports -----	55, 89
10)	SWC Consideration and Approval of \$200,000 from Resources Trust Fund to Provide Electrical Service Facilities in the Intake Pump Station ** SWC Approval of \$200,000 from Resources Trust Fund -----	55

11)	SWC Consideration and Approval of Additional Costs of \$1,150 (50%) for Integration Study of Rural Water Systems	
	** SWC Approval of \$1,150 -----	56
12)	Discussion Regarding Johnson Construction Bankruptcy and Completion of Contracts 2-3A and 2-3B:	
	a) Status Reports -----	52, 87, 103
	b) SWC Approval to Authorize State Engineer to Negotiate with St. Paul Fire and Marine Insurance Company to Reach Agreement which both Protects the State Water Commission Interests and Assures Completion of the SWPP Contracts 2-3A and 2-3B; and that prior to the Acceptance of any Negotiated Agreement, the State Water Commission Shall Meet by Telephone Conference Call, or at an Upcoming Meeting, to Consider the Negotiated Agreement -----	87
13)	SWC Consideration and Approval of Policy to Allow the Interest Earned on the SWPP MR&I Allocation to be Spent on the Pipeline Project -----	66
14)	Future Financing of Project:	
	a) SWC Discussions -----	90, 98, 163
	b) Staff to Prepare Draft of Alternatives -----	90
	c) SWC Authorization for Acting State Engineer to Enter into Contract with Barnard Construc- tion, Inc. for the Completion of Work on SWPP Contracts 2-3A and 2-3B -----	98
15)	Discussion Relative to Water Treatment and Phased Construction Schedule -----	104
16)	Tim Fay, Appointed Project Manager for Southwest Pipeline Project, Effective October 1, 1989 -----	140

17)	1990 Construction Plans -----	140
18)	Resolutions Adopted by West River Joint Board, West River Supply District and Three Rural Water Coops --	140
19)	Resolution Adopted by Board of Dickinson City Commission Regarding Project -----	164
20)	SWC Consideration and Approval of the Allocation of Federal Fiscal Year 1989 Year-End MR&I Water Supply Program Funds in Amount of \$2,033,000 for Construction of SWPP; ** SWC Approval of \$2,033,000 from 1989 Year-End MR&I Funds----	172
21)	SWC Comments that Southwest Pipeline Project is of High Priority when Reallocation of Fiscal Year 1990 Funds are Determined -----	180

Sprynczynatyk, David A:

1)	Appointment as Acting State Engineer and Chief Engineer-Secretary to State Water Commission, Effective June 1, 1989 -----	53
2)	Appointment as North Dakota State Engineer and Chief Engineer-Secretary to State Water Commission, Effective July 7, 1989 -----	102

	State Engineer and Chief Engineer-Secretary of State Water Commission - Resignation of Vernon Fahy, Effective May 31, 1989 ----	53, 76
--	---------------------------------------------------------------------------------------------------------------------------------------	--------

State Water Commission:

1)	Review Relative to Past Stance State Water Commission has Taken on Supporting Legislation on State and Federal Levels -----	3
2)	State Engineer's Rules and Regulations:	
	a) Draft and Hearings Scheduled ----	73

3) Resignation of State Engineer and Chief Engineer-Secretary to State Water Commission, Vernon Fahy, Effective May 31, 1989 -----	53, 76
4) Appointment of David A. Sprynczynatyk as Acting State Engineer and Chief Engineer-Secretary to State Water Commission, Effective June 1, 1989 ----	53
5) Appointment of David A. Sprynczynatyk as State Engineer and Chief Engineer-Secretary to State Water Commission, Effective July 7, 1989 -----	102
6) Contract Fund Carryover -----	90, 118
7) Dale Frink, Named as Director of Engineering to State Water Commission, Effective August 23, 1989 -----	122
8) Presentation by State Engineer, State Water Commission Division Directors, and Director of Atmospheric Resources on Duties and Responsibilities of Specific Divisions -----	135
9) Discussion Relative to Reimbursement of Expenses for State Water Commission Members -----	138, 157, 182
10) 1989 Construction Season Report -----	182
11) SWC Consideration and Approval of Request from Apollo Sign Company to Place Sign on State Water Commission Property -----	184

Steele County Water Resource District -
 Consideration of Request for Cost Sharing
 in Improving Golden-Rush Lake Outlet
 Channel;

** SWC Approval of \$9,950 (\$7,050 from Contract Fund and Balance SWC Engineering Services) (33% of Eligible Project Costs) -----	72
---------------------------------------------------------------------------------------------------------------------------------------------	----

Streeter Water Supply Project - Consideration
 of Request for MR&I Water Supply Program
 Funds for Feasibility Study;

** SWC Approval of \$5,625 MR&I Funds (75% of Study Costs) -----	9
---------------------------------------------------------------------	---

Swampbuster Legislation (SB 2035):

- 1) SWC Discussion of SB 2035 ----- 7
- 2) SWC Consideration and Approval to Support Principles of SB 2035 ----- 7

T

- Towner, City of - Consideration of Request for Cost Sharing for Water Supply Investigation;
** SWC Approval of \$4,500 from Contract Fund ----- 111

U

V

W

Water Education for Teachers Program (WET):

- 1) WET Workshop - State Water Commission Presentation and Mini-Workshop ----- 126
- 2) Dennis Nelson - Resignation of Program Coordinator, Effective 11-15-89 ----- 158

- Water and Wildlife Development Effort - SWC Consideration and Approval of \$10,000 for Project (with North Dakota Water Users Association)
** SWC Approval of \$10,000 ----- 132

- Wells County Water Resource District - Consideration of Request for Additional Cost Sharing and Reappropriation of Approved Carry-Over Funding for Heimdal Drain project;
** SWC Approval of \$58,815 (40% of Eligible Project Costs) ----- 85

- Wells County Water Resource District - Consideration of Request for Cost Sharing in Water Supply Investigation for Wells County;
** SWC Approval of \$17,205 ----- 42

Wetlands and Water Management Proposal -
SWC Consideration and Approval of Project
and Acceptance of Invitation to Participate
in the Project and to Designate Staff Person
to Serve as a Principal Investigator,
Sponsored by North Dakota Water Users
Association ----- 133

Wishek Water Supply Project - Consideration
of Request for MR&I Water Supply Program
Funds for Feasibility Study;
** SWC Approval of \$6,750 MR&I Funds --- 9

X

Y

Yellowstone River - Concerns of Landowners
Relative to Jetty Work on Opposite Side
of River ----- 20, 74

Z