

126

STATE WATER CONSERVATION COMMISSION
Minutes of Meeting
Held in Office of Water Conservation Commission
Bismarck, North Dakota
May 19, 1952

At 9 o'clock a.m. on May 19, Members of the State Water Conservation Commission attended the Missouri Basin Survey Commission hearings held in the Memorial Building at Bismarck, and later convened in the Office of the State Water Commission for the regular meeting of the Commission, at 10:30 o'clock a.m.

MEMBERS OF STATE WATER CONSERVATION COMMISSION PRESENT:

Honorable Norman Brunsdale, Governor and Ex Officio Chairman
Curtis Olson, Vice-Chairman, Valley City, North Dakota
Einar H. Dahl, Member of Commission from Watford City, North Dakota
Earle F. Tucker, Member of Commission from Bismarck, " "
Math Dahl, Member of Commission from Bismarck, and Commissioner of Agric. and Labor
J. J. Walsh, Secretary and Chief Engineer, State Engineer

OTHERS PRESENT:

Roy N. Johnson, Cartwright, North Dakota
T. J. Thorson, " " "

The meeting was called to order by Vice-Chairman Curtis Olson at 10:30 o'clock a.m., with the above named Commissioners and Secretary Walsh present.

It was moved by Commissioner Math Dahl, and seconded by Commissioner Tucker, that the "Minutes" of the State Water Commission meeting held on April 21, 1952, be approved and filed for record. Upon a unanimous vote of the Commissioners the motion carried.

In response to a letter from Mr. R. L. Dushinske, President of the State Reclamation Association, the Commission took the following action on the forthcoming Golden Jubilee Celebration of the Bureau of Reclamation to be held at Theodore Roosevelt National Park on June 14 and 15, and the state convention of the North Dakota Wildlife Federation to be held at Minot on June 21. The Commission recommended that all Commissioners attend the Golden Jubilee celebration, and that Sec. Walsh, Commissioners A. M. Christensen and Earle Tucker, Jerry Svore, Chief, Sanitary Engineering, and someone else to be chosen, present short talks at the North Dakota Wildlife Federation convention. They also felt that all Commissioners should be present at the Jamestown Dam groundbreaking ceremonies. Commissioners Lunseth and Olson were delegated to represent the Commission at the Hearing on the application of the American Crystal Sugar Company to appropriate water from the Red River, to be held on May 21, at Crookston, Minnesota. Representing the State Health Department will be Mr. W. Van Heuvelen.

Monday, June 30, was set as a tentative date by the Commission to accept Colonel Page's invitation to visit the Garrison dam project.

Secretary Walsh reported on his recent trip to Washington, D. C., where he attended the Congressional Hearings on appropriations for projects. He said Montana was represented by Mr. Otto M. Christianson and Martin Lien of the Missouri-Souris Projects Association and Mr. Joe Frerich representing the Reclamation Association, all presenting statements in favor of the Missouri River diversion dam. Others testifying were the Honorable James E. Murry, Zales N. Ecton, Wesley A. D'Ewart and Mike Mansfield, Mr. E. W. Rising, representing the Montana State Water Board, Fred Fredrickson, Washington, D. C., and Oscar Berg, representing the Missouri Souris Projects Association, Minot, Senator Milton Young,

H. W. Lyons, Jamestown, and Sec. & Chief Engineer J. J. Walsh from North Dakota. Mr. A. E. Weinhandl, President of the Missouri Souris Projects Ass'n, was not present but his statement was read before the Sub-committee. The State of Montana asked for appropriations for construction starts on the Yellowtail, Marias and Fort Peck diversion dams. Mr. Walsh said there were only a few members of the Senate Sub-committee on appropriations present, and that the Bureau of the Budget were opposed to any new construction starts.

It was moved by Commissioner Tucker, and seconded by Commissioner Math Dahl, that the "Financial Statements" of the Water Commission for the month of April, 1952, be approved and filed for record. Upon a unanimous vote of the Commissioners the motion carried.

Governor Brunsdale and Commissioner E. Dahl entered the meeting at 11 o'clock a.m.

Commissioner Olson read a letter received from Joseph L. Burkholder relative to plans of the Consulting Board on the Missouri Souris Project to return to Bismarck on May 26, 1952, for a further inspection of the area and to complete their report on the project, if possible, also requesting that arrangements be made for Mr. W. G. Sloan, former Bureau of Reclamation official, to be present. Commissioner Olson made a motion, seconded by Commissioner Math Dahl, that Mr. Sloan be asked to appear at the Bismarck meeting on May 26, as requested by Mr. Burkholder. Upon roll call by the Chairman, Commissioners Tucker, M. Dahl, Olson, Governor Brunsdale and Commissioner E. Dahl all voted aye and the motion carried.

A report was made on the progress of the State Health Department in their request to the U. S. Government to take the necessary measures for treatment of raw sewage discharged into Apple Creek from Fort Lincoln. Colonel R.J.B. Page, District Engineer, Corps of Army Engineers, Fort Lincoln, has assured the Commission, by letter, that a report on the results of the investigation will be submitted to higher authority and the Water Commission will be advised regarding their decision, when received. Mr. Svore, Chief, Sanitary Engineering, advised the Commission, by letter, that Sanitary Regulation No. 1, formerly adopted by the State Water Conservation Commission, has been submitted, with amendments, to the State Health Council at their meeting on May 3, and that it is now being submitted to the State Water Commission for their approval and adoption. Motion was made by Commissioner Tucker, and seconded by Commissioner Einar Dahl, that the Water Commission approve "Sanitary Regulation No. 1" as amended by the Resolution adopted by the State Water Commission at their meeting on April 21, 1952. On roll call, Commissioners Tucker, M. Dahl, E. Dahl, Olson and Governor Brunsdale all voted aye, and the motion carried.

A memorandum report from land owners in Morton County whose lands will be cut off by proposed channel changes in the Missouri River was discussed by the Commissioners. Sec. Walsh explained that these land owners were concerned about lands that will be inundated when the Oahe Reservoir is filled to capacity. Commissioner Olson recommended that the Commission and the Corps of Engineers work together on this problem, and invite the land owners and Colonel Page to appear before the Water Commission at their next meeting to discuss this problem.

The Commissioners were presented with a report on the status of dam maintenance work completed this season by the State Water Commission.

With respect to repair of the Country Club Dam, the Commission were informed through a letter from Commissioner H. R. Morgan of the State Game and Fish Department, that in view of limited funds appropriated for dam repair work his department could not participate in the cost of repair of this dam. He explained that the Game and Fish Department feel that expenditures for fish and fishing should be made only in locations where fish values will bring the maximum results, and that justification of such expenditure of

Game and Fish funds would necessitate raising the spillway level to exclude undesirable fish life and receiving a perpetual easement granting free access by the public for fishing.

Water-right applications were considered, and Sec. Walsh recommended that Mr. Clem Casey's application for permit to appropriate water from Apple Creek be not approved until plans for the disposal of sewage at Fort Lincoln have been taken care of by the U. S. Government.

It was moved by Commissioner Olson, and seconded by Commissioner E. Dahl, that the application of Ervin E. Mohl, Beulah, North Dakota, for a permit to divert and appropriate water from Spring Creek, tributary of the Knife River, for the irrigation of 93.8 acres of land described as the NW $\frac{1}{4}$; S $\frac{1}{2}$ NE $\frac{1}{4}$; and the N $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec. 28, Twp. 114 N., Rge. 88 W., located in Mercer County, North Dakota, be granted, and limited to an annual diversion of 93.8 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek, tributary of the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner Math Dahl, and seconded by Commissioner Tucker, that the application of Donald Lowe, Rhame, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, tributary of the Missouri River, for the irrigation of 80.0 acres of land described as the SW $\frac{1}{4}$ of Sec. 22; and the N $\frac{1}{2}$ NW $\frac{1}{4}$ of Sec. 27, Twp. 129 N., Rge. 106 West, located in Bowman County, North Dakota, be granted, and limited to an annual diversion of 80.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Little Missouri River, tributary of the Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner E. Dahl, and seconded by Commissioner M. Dahl, that the application of Arthur Nordby, Scranton, North Dakota, for a permit to divert and appropriate water from Cedar Creek, tributary of the Missouri River, for the irrigation of 38.1 acres of land described as the SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 8, Twp. 132 N., Rge. 99 West, located in Bowman County, North Dakota, be granted, and limited to an annual diversion of 38.1 acre feet of water, subject to all prior and existing water-rights and appropriations covering Cedar Creek, tributary of the Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Olson, that the application of Donald Martin, Marmarth, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, tributary of the Missouri River, for the irrigation of 79.9 acres of land described as the SE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec. 10; and the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 15, Twp. 132 N., Rge. 106 W., located in Bowman County, North Dakota, be granted, and limited to an annual diversion of 79.9 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Little Missouri River, tributary of the Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

With reference to the application of Mr. Harold Roe, Manager of the Sunset Memorial Gardens, Inc. at Fargo, for water-rights on the Red River for the irrigation of a cemetery, the Commission approved the Secretary's suggestion that the usual procedure be followed in processing the application, and final action deferred until a compact with the State of Minnesota on allocation of the waters of the Red River and tributaries has been approved.

A letter with reference to construction of the Mark Andrews proposed dam at Mapleton, which was referred to Colonel Yoder, Corps of U.S. Army Engineers, and Col. Lyon's reply, was read to the Commissioners. The Corps of Army Engineers requested the privilege of reviewing the plans for the proposed structure, with a view to determining its relation to the flood control project and also its effect on design flows, prior to the granting

of a permit for construction of the dam. The Secretary suggested that a letter be written to Colonel Aldo H. Bagnulo of the St. Paul district, requesting a copy of their proposed plans for the Maple River in connection with their flood control program in the Red River Basin.

The Commission recessed at 11:30 a.m. to reconvene at 11:40 a.m., with Governor Brunsdale and Commissioners E. Dahl, Olson, Tucker and Secretary Walsh present. Mr. Roy Johnson and T. J. Thorson of Cartwright entered the meeting at this time.

Mr. Johnson and Mr. Thorson reported to the Commission on the Jackson Dam, located 6-7 miles upstream from Cartwright. They told the Commission this structure had washed out both last year and this year and that dirt will have to be replaced, and the dam repaired. The Community has no fishing or recreational grounds around there, but said the lake created by the dam would make a beautiful recreational resort. They reported that dirt has been filled in there from time to time, but it only undermines and is a waste of time. Mr. Walsh stated this was just an earthfill structure, but the Commission were willing to do their share if the local groups would cooperate in sharing the cost of doing the job. The Commission suggested an engineer make an inspection and report on the amount of work it would necessitate. Mr. Johnson, speaking for the community, said they had hauled the rock as they were asked to do last year and were willing to help again, and Mr. Thorson suggested that steel sheet piling be used in the new earth fill.

The Secretary requested information as to how much local contribution could be furnished, including equipment. Commissioner E. Dahl reported that the township had a LeTorneau available and they anticipated no trouble in securing this upon completion of a survey to determine what would be required. He said they would contact the County Commissioners on this. Sec. Walsh assured the delegation that Mr. Don Nichols, Engineer with the Commission, would contact them and County Commissioner, Mr. A. J. Briar, at Cartwright, either next Tuesday or Wednesday.

The delegation left the meeting at 11:50 o'clock a.m.

With respect to the report of William E. Warne, Asst. Secretary of the Interior, on irrigation development in the Heart River Valley, which he promised to release following the hearing held at Mandan, North Dakota, October 20, 1951, Secretary Walsh reported that Mr. Fred Fredrickson and he had talked with Mr. Lineweaver, Asst. Commissioner of Reclamation, while at Washington, D. C., and desired to know why the report had not been released, as it was the understanding of the State Water Commission that these findings were to be made available by the first of the year. They were told that Mr. Warne's report and recommendations would require Congressional approval before being released. Mr. Lineweaver was of the opinion that the Commission should pass a resolution asking the Secretary of the Interior to release the report. The Governor reported that he had talked with Kenneth F. Vernon, Regional Director of the Bureau of Reclamation at Billings, and believed there was nothing to do for the present. He said some of the land owners in the District have in mind constructing their own facilities, to avoid the high cost of construction charges to the district. The Commission felt a resolution should be drawn up limiting the time for submission of this report and requesting release of Mr. William E. Warne's report.

Commissioner Tucker moved that the following Resolution be adopted by the North Dakota State Water Conservation Commission, which was seconded by Commissioner Einar Dahl. Upon a unanimous vote of the Members of the Commission, the motion was declared carried and the resolution duly adopted.

R E S O L U T I O N

WHEREAS, on October 20, 1951, the then Assistant Secretary of the Interior

William E. Warne conducted a public meeting at Mandan, North Dakota to give the members of the Heart River Irrigation District an opportunity to express their views on how they would like to see irrigation developed in the Heart River Valley and

WHEREAS, at this meeting Assistant Secretary Warne heard the testimony of over one hundred landowners in the Heart River Irrigation District whereby they did express their views concerning this development as well as on the proposed repayment contract offered the District by the United States Bureau of Reclamation, and

WHEREAS, many of the land owners expressed a desire to install a partial irrigation system on their lands at their own expense, purchasing water from the Bureau, until they had gained some experience in irrigated agriculture, and

WHEREAS, Assistant Secretary Warne, at the conclusion of this meeting, assured those in attendance and the North Dakota State Water Conservation Commission that his report of the meeting and his findings and recommendations for the development of the Heart River Irrigation project and the proposed repayment contract would be available by January 1, 1952, and

WHEREAS, the North Dakota State Water Conservation Commission, dealing with water problems in the State of North Dakota, and the landowners of the Heart River Irrigation District are vitally interested in the findings of Mr. Warne and the aspects relating thereto, now therefore

BE IT RESOLVED by the North Dakota State Water Conservation Commission that the Secretary of the Interior be earnestly requested to direct that the report of Assistant Secretary Warne on this meeting, along with his findings and recommendations for the development of the Heart River Irrigation project and a repayment contract for said district, be released immediately and be made available to the public, and

BE IT FURTHER RESOLVED that a copy of this Resolution be sent to the Secretary of the Interior, the Commissioner of the United States Bureau of Reclamation, and the Senators and Congressmen from North Dakota.

C E R T I F I C A T I O N

I, J. J. Walsh, the duly appointed Secretary and Chief Engineer of the State Water Conservation Commission, do hereby certify and return that the foregoing Resolution was duly adopted at a regular meeting of said Commission held on the 19th day of May, 1952.

Dated this 23d day of May, 1952.

S E A L


Secretary & Chief Engineer of the State
Water Conservation Commission

Commissioner Olson and Secretary Walsh reported on their inspection of drains in Richland and Cass Counties in the Red River Valley and the interstate drainage problems where flood waters originating in South Dakota are being diverted north through an artificial drain. The Commission authorized Sec. Walsh to contact the Soil Conservation Service and find out whether their department could assist in working out a solution with the South Dakota Soil Conservation Service in solving this problem. The Commission also authorized the Secretary to contact the District Conservationists of the Soil Conservation Service in the allocation of the 1951-1953 drainage funds to the Counties who have made application to the Water Commission for assistance in the construction, reconstruction and cleanout of drains in their counties, the report to be presented to the Commission for final approval at their next meeting. The Commission

recommended that \$10,000 of the drainage funds be held over to take care of later requests.

Commissioner Olson further discussed drainage problems in Richland County where water is channeled from South Dakota into a natural water course flowing into North Dakota, overflowing farmers' crop lands. Mr. Olson said he had met with representatives and inspected that area. South Dakota farmers are objecting to the construction of any dike. Mr. Olson suggested that a delegation from South Dakota meet with North Dakota farmers and with Water Commission representatives in order to work out a solution of the problem. North Dakota and South Dakota Soil Conservation Service engineers have made surveys on both sides of the state line and one drainage ditch has already been located in South Dakota.

Mr. Walsh advised the Commission of a request from Mr. John Dillon of the Soil Conservation Service for approval of plans on river improvement projects in Pembina County submitted by the Soil Conservation Service. Commissioner Tucker made a motion, seconded by Commissioner Einar Dahl, that the Water Commission approve the plans for river improvement projects in Pembina County as submitted by the Soil Conservation Service.

Upon a unanimous vote of the Commissioners the motion carried.

The Commission thought it advisable to call another Commission meeting on June 14, at the time the "Golden Jubilee of Reclamation" celebration is held at Roosevelt National Park, near Medora.

As there was no further business pending, the meeting adjourned at 12:15 o'clock p.m.

Respectfully submitted,


Secretary

ATTEST:


Chairman

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF MAY 31, 1952
1951-1953 APPROPRIATIONS

Fund No.	Appropriations	Available July 1951	Expended to Apr. 30, 1952	Expended May, 1952	Balance May 31, 1952
1	Commissioners-Per Diem & Expenses	\$6,000.00	\$1,544.40	\$344.22	\$4,111.38
2	Administration	35,000.00	12,935.18	1,323.47	23,045.47
	Collections and Refunds	2,304.12			
3	Maintenance of Dams	120,000.00	56,768.77	6,463.63	106,638.75
	Collections and Refunds	49,871.15			
4	International & Interstate-Commissions' & Conference Expense	14,000.00	2,580.01	573.82	10,846.17
5	Topographic & Conservation, Cooperation with U.S. Geological Survey	35,000.00	8,962.33	Nil	26,037.67
6	Hydrographic Surveys, Cooperation with U.S. Geological Survey	25,000.00	9,242.43	Nil	15,757.57
7	Salary-State Engineer	6,000.00	2,500.00	250.00	3,250.00
8	Construction & Reconstruction Drains or Irrigation . . .	90,000.00	Nil	Nil	90,000.00
9	Engineering & Geological Surveys & Demonstrations	35,000.00	14,114.48	1,573.05	19,312.47
10	Cooperation with U.S. Departments & for organizing Conservation & Irrigation Districts	65,000.00	35,558.68	1,771.96	27,669.36
11	Small Projects, Other Invest., Surveys & Etc.	150,000.00	14,572.85	3,654.89	131,772.26
12	Construction Bond Guaranty Fund	<u>70,541.00</u>	<u> </u>	<u> </u>	<u>70,541.00</u>
		<u>\$703,716.27</u>	<u>\$158,779.13</u>	<u>\$15,955.04</u>	<u>\$528,982.10</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF MAY 31, 1952
 1949-1951 APPROPRIATIONS

Fund No.	Appropriations	Available July 1949	Expended to May 31, 1952	Balance May 31, 1952
1	Commissioner's Per Diem and Expenses	\$4,000.00	\$3,995.89	\$4.11
2	Administration	30,000.00	35,818.16	11.54
	Collections and Refunds	5,829.70		
3	Maintenance of Existing Dams	100,000.00	153,393.52	176.10
	Collections and Refunds	53,569.62		
4	International and Interstate Commissioner's and Conference Expenses	12,000.00	9,901.05	2,098.95
5	Topographic and Conservation, Cooperation with the USGS plus transfers	33,085.60	33,085.60	Nil
6	Hydrographic Surveys, Coop. with USGS	20,000.00	20,090.87	Nil
	Refund	90.87		
7	Salary-State Engineer	5,400.00	5,400.00	Nil
8	Construction and Reconstruction - Drains or Irrigations	150,000.00	116,168.69	33,831.31
9	Engineering & Geological Survey & Demonstrations, plus transfer	33,006.12	33,006.12	Nil
10	Cooperation with U.S. Depts., Small projects & for organizing Conservation & Irrig. Dist. plus refunds less transfer of \$13,000.00	122,077.30	62,947.10	59,130.20
11	Other Investigations, surveys and Etc.	90,000.00	89,914.61	122.15
	Refund	36.76		
		<u>\$659,095.97</u>	<u>\$563,721.61</u>	<u>\$95,374.36</u>

VSC;bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
BALANCE OF PRIOR FUNDS RECOVERED BY OPINION OF
ATTORNEY GENERAL AND UNDER SECTION 54-2709
AS OF MAY 31, 1952

Fund No.	Year	Appropriations for	Balance Available	Expended to May 31, 1952	Balance May 31, 1952
1	1939	Commissioner's Per Diem	\$1,727.00	\$1,684.24	\$42.76
5	1939	Sponsor's Share of Dam Repairs	2,088.08	2,058.52	29.56
1	1941	Commissioner's Per Diem	395.00	159.76	235.24
4	1941	Maintenance of Existing Dams, plus \$51.00 refund	53.86	Nil	53.86
12	1941	Tri-State Water. Administration and Conference	8.61	Nil	8.61
15	1941	Topographic Survey	<u>.13</u>	<u>Nil</u>	<u>.13</u>
			<u>\$4,272.68</u>	<u>\$3,902.52</u>	<u>\$370.16</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
MAY 31, 1952

Sources of Deposits	Transit No.	Amount Deposited	Expended to May 31, 1952	Balance May 31, 1952
Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Tax collections for partial payment of interest and principal to March 1951.	501-118	\$1,433.03		\$1,433.03
Contributions for Groundwater Surveys:				
Fessenden \$1,000.00	Streeter \$1,000.00			
Mountain 100.00	Mohall 1,000.00			
Maddock 750.00	Richardton 750.00			
Lakota 1,000.00	Bowbells 1,000.00			
Rolla 750.00	Michigan 580.50			
Devils Lake 7,500.00	Wimbledon 1,000.00			
Aneta 1,000.00	Fairmount 1,000.00			
Litchville 1,000.00	Hope 1,000.00			
Wyndmere 1,000.00	Sharon 250.00			
Portland 700.00				
Kindred 1,000.00				
Myle 250.00				
Neché 300.00				
Transfer .10				
St. John 750.00	501-128	24,680.60	\$20,048.58	4,632.02
Sale of N. Dak. Water Development Books	501-127	2,770.67	1.25	2,769.42
Lewis & Clark Irrig. Dist. Drainage Fund	501-121	2,806.92	2,786.40	20.52
Missouri-Souris Unit Cooperative Study	501-122	10,000.00	2,310.95	<u>7,689.05</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF MAY 31, 1952				<u>\$16,544.04</u>

VSC:bc

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MAY 31, 1952

Name	Duties	Salary for May	Withhold- ing Tax	N. D. OASIS	Hosp. Ins.	Bond	Net Pay	Remarks
Walsh, J. J.	Secy-State Engineer	\$550.00	\$65.60	\$8.25	\$6.88		\$469.27	Increased January, 1952
Acker, Iver A.	Spec. Ass't Atty Gen.	400.00	59.80	6.00	6.88		327.32	Increased January, 1952
Anderson, Albin	Field Engineer	325.00	42.60	4.88	1.95		275.57	Increased January, 1952
Berge, Einar	Technical Ass't	150.00		2.25	6.88		140.87	Increased April, 1951
Carman, Bertha	Bookkeeper	200.00	29.30	3.00	1.95		165.75	Increased January, 1952
Cooper, Vernon	Ass't Sec'y	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Dodd, Harold	Ass't Const. Engineer	325.00	31.50	4.88	6.88	\$6.25	275.49	Increased January, 1952
Gamble, Clarence	Ass't Field Engineer	275.00	44.10	4.13	1.95		224.82	Increased January, 1952
Hagert, E. S.	Chief Invest. Engineer	400.00	59.80	6.00	1.95		332.25	Increased January, 1952
Kramer, Joe	Const. Foreman	375.00	18.80	5.63			350.57	Started December 11, 1951
Kudinow, Wasilij	Draftsman	225.00	23.00	3.38			198.62	Increased January, 1952
Nichols, Don	Chief Const. Engineer	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Nordstrom, Franz	Equipment Foreman	300.00	15.60	4.50			279.90	Increased January, 1952
Peterson, Winifred	Chief Stenographer	260.00	40.90	3.90	1.95		213.25	Increased January, 1952
Putz, Roy	Rodman	150.00	18.90	2.25	1.95		126.90	Increased January, 1952
Schmitzke, Otto	Laborer	235.00		3.53			231.47	Increased April, 1951
Sheldon, Marvin	Const. Engineer	350.00	36.30	5.25	6.88		301.57	Increased January, 1952
Worle, Joyce	Stenographer	180.00	25.30	2.70	1.95		150.05	Increased January, 1952
Brostrom, Paul	Ass't Engineer	16.13	1.10	.24			14.79	Quit May 2, 1952
Geiszler, Raymond	Rodman	43.55	5.49	.65			37.41	Started May 4, 1952
Gress, Joe	Rodman	125.81	15.85	1.89			108.07	Started May 6, 1952
Herr, Ben	Rodman	135.48	17.07	2.03			116.38	Started May 4, 1952
Kugler, Karl	Rodman	94.84	11.72	1.42			81.70	Started May 11, 1952
Olson, Gordon	Rodman	29.03	3.66	.44			24.93	Started May 26, 1952
Keller, Bruce	Rodman	135.49	16.74	2.03			116.72	Started May 2, 1952