

STATE WATER CONSERVATION COMMISSION
MINUTES OF MEETING HELD IN
Bismarck, North Dakota
August 29, 1962

MEMBERS PRESENT:

Governor William L. Guy, Chairman, Bismarck
Einar Dahl, Member from Watford City
Math Dahl, Commissioner, Agriculture & Labor Department, Bismarck
Richard P. Gallagher, Member from Mandan
Fred Fredrickson, Planning Coordinator, Valley City
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

OTHERS PRESENT:

Dan Reeder, Association Press, Bismarck

The meeting was opened at 9:45 a.m. with Governor Guy presiding. Present were Commissioners Einar Dahl, Math Dahl, Richard Gallagher and Secretary Hoisveen.

APPROVAL OF MINUTES

It was moved by Commissioner Einar Dahl and seconded by Commissioner Gallagher that the minutes of the July 19, 1962 meeting which were previously circulated to the Commission members be approved without being read. The motion carried.

DECLARATION OF INTENT-
PEMBILIER DAM

Secretary Hoisveen mentioned the desirability of establishing a declaration of intent for water use in connection with the proposed Pembilier Dam project. He stated the State Water Conservation Commission had in previous instances made such withdrawals. The Commission withdrew from future appropriations 2,640,000 acre-feet for anticipated use in connection with the Garrison Diversion Unit. The Commission also withdrew 7,500 acre-feet of water from the Red River for industrial development. He averred that studies were now being undertaken relative to the feasibility of constructing Pembilier Dam. In all probability this dam will be developed as a joint venture between Canada and the United States. Plans anticipate the storage of a large quantity of water in the resulting reservoir. The water rising on the North Dakota side of the International Boundary should be obligated as near as possible for upstream development and the remaining water should then be allocated for use in connection with the Pembilier reservoir. The State Water Conservation Commission has made a study of the quantity of water needed upstream. The water should be obligated as far as possible for development of North Dakota requirements. He averred that the Pembina River is under the jurisdiction of the International Joint Commission and the final allocation between the Nations would be made by that body. The exact figure will possibly be made on the basis of contributing drainage areas in view of the fact that we have not had a sufficient number of gaging stations on tributaries running into Canada to allocate on the basis of flow. It was stated that the amount of water made available to federal agencies for this development should be held to a minimum. Governor Guy commended the Secretary for his recommendation relative to the declaration of intent. It was moved by Commissioner Einar Dahl and seconded by Commissioner Gallagher that a declaration of intent for the use of water for Pembilier Dam be prepared so the next session of the Legislature could endorse the withdrawal made by the State Water Conservation Commission. The motion was carried by voice vote.

Governor Guy requested that Mr. Fredrickson point out the weakness in the State Water Laws on declaration of intent procedure and present them at the next meeting of the Commission.

CAVALIER COUNTY REQUEST FOR A FLOOD CONTROL DISTRICT A petition from the Board of County Commissioners of Cavalier County requesting the establishment of a water conservation and flood control district was read to the Commission. The petition, in effect, requested that the State Water Conservation Commission hold hearings relative to the feasibility of establishing such a district commensurate with the boundaries of Cavalier County. The petition is attached and marked Annex A. It was moved by Commissioner Einar Dahl and seconded by Commissioner Gallagher that the Secretary be instructed to set up hearings to determine the feasibility of establishing a flood control district in Cavalier County. On voice vote the motion carried.

EQUIPMENT AND VEHICLE INSURANCE It was pointed out that the insurance on the equipment of the State Water Conservation Commission expires on November 11, 1962. Last year the Commission advertised for bids and awarded the insurance to the successful bidder. The Chief Accountant recently explored the possibility of obtaining similar coverage through a joint effort with the State Highway Department. The Highway Department has, through its large award, received a more favorable bid than the Commission. It was suggested that the Commission could save \$107.50 on its equipment and \$524.80 on vehicle insurance. The aggregate saving will total approximately \$632 per year. Governor Guy informed the members that in the near future the Accounts and Purchases Department will take over the awarding of all insurance bids on vehicles and equipment. The question was raised as to the legality of one department joining with another for the purpose of making purchases or obtaining services, such as insurance. Commissioner Gallagher averred that it was all under the State and consequently it made no difference.

Governor Guy suggested that should the Commission approve the procedure permission be requested from the Department of Accounts and Purchases in order that they would be aware of the Commission's intention. It was moved by Commissioner Gallagher and seconded by Commissioner Math Dahl that the Secretary be authorized to proceed in a mutual endeavor with the Highway Department to insure equipment and vehicles, pending approval of the Department of Accounts and Purchases. The motion carried.

DROP STRUCTURE PEMBINA DRAIN #13 The Commission was notified that an agreement had been prepared and signed by the Pembina Drain Board relative to increasing the size of the drop structure in Drain #13, Pembina County. It was pointed out that continued high flows in the Red River of the North had reduced the effectiveness of the drop structure and that it would be necessary to install culverts on each side of the structure to increase the capacity of the drop during periods of high flow in the Red River. The cost of the improvement would approximate \$2,900 with an anticipated expenditure of \$1,450 by the Commission. The remainder would be paid by the Pembina County Drain Board. It was moved by Commissioner Math Dahl and seconded by Commissioner Gallagher that the Commission approve the expenditure of \$1,450 by the Commission to increase the capacity of the drop structure in Drain #13. Motion carried.

**NORTH DAKOTA WATER USERS
ASSOCIATION DUES**

A letter from the North Dakota Water Users Association was read in which they mentioned the fact that the Commission's dues in that organization were now due. The Commission participates to the extent of \$1,500 annually in the state-wide organization. The North Dakota Water Users Association holds membership and participates financially in the support of the National Reclamation Association, the Mississippi Valley Association and the National Rivers and Harbors Congress. The commendable service this organization has performed in connection with advancing the state's water program was mentioned. It was moved by Commissioner Gallagher and seconded by Commissioner Math Dahl that the Commission approve the \$1,500 membership in the North Dakota Water Users Association. Carried.

**NATIONAL RECLAMATION
ASSOCIATION MEETING IN
PORTLAND, OREGON**

The matter of attendance at the National Reclamation Association which is holding its convention in Portland, Oregon, October 17th through the 19th, 1962, was called to the attention of the Commission. Attendance was discussed by the Commission members. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Secretary Hoisveen, a Director in the National Reclamation Association, and Commissioner Richard Gallagher be authorized to attend the meeting of the National Reclamation Association. The motion carried. It was pointed out that Mr. Gallagher would be in a position to assist Mr. R. J. Sailer in his work on the resolution committee of the Association. It was recommended that Mr. Fred Fredrickson, Planning Coordinator for the Commission, be authorized to attend the meeting of the National Reclamation Association if he was not authorized to do so by other organizations interested in having him present. The recommendation is subject to the approval of Governor Guy.

**INTERNATIONAL JOINT
COMMISSION TOUR OF THE
SOURIS-PEMBINA RIVER BASIN**

As a result of the invitation by the State Water Conservation Commission the International Joint Commission will tour the Souris and Pembina River Basin on the 9th, 10th and 11th of September. Secretary Hoisveen and Mr. Fred Fredrickson will accompany the United States Section on the tour, which will commence at Boundary Dam near Estavan. It will involve visits to the upper and lower Souris Refuges on the Souris, dam sites on the Pembina and the land that is anticipated to be irrigated from Pembina River waters on the Canadian and the United States side of the International Boundary.

**VELVA REQUEST FOR
INSTALLATION OF FLOOD
PROTECTIVE SYSTEM**

A resolution from the city of Velva was read requesting the State Water Conservation Commission and the Corps of Engineers to take immediate steps to plan and install a flood protective system adjacent to that city capable of eliminating future flooding. On August 9th at approximately 7:30 p.m. the city of Velva had been subjected to a flash flood that resulted in the drowning of three people and damages running into the hundreds of thousands of dollars. Chief Engineer Hoisveen stated that when he received a news bulletin on Saturday morning relative to the flooding he and the Operation Engineer and the Construction Engineer followed up the situation immediately. They visited the devastated area in order to advance corrective measures to prevent future flooding. The Construction Engineer was assigned a survey party to obtain topographic data and make data available as to the quantity of water that poured out of Bonnes Coulee. The material collected by the Commission survey party has been forwarded to the Corps of Engineers, Saint Paul office, for use in connection with obtaining an emergency flood control project under P. L. 685. The Corps of Army Engineers was advised by the Commission that they too should have an Engineer

on site to study the results of the Velva flood. Representatives from the State Water Conservation Commission and the Corps of Engineers met with the Velva City Council on Monday night August 13th. The Commission also forwarded the Corps a plan which could be followed in correcting future flooding that may recur from Bonnes Coulee. It was stated that the plan could be executed under P.L. 685 which stipulates that projects of an emergency measure must be performed at a cost of \$400,000 or less. The Corps of Engineers has implied that they will utilize the Commission's topography and suggestions in an effort to establish a feasible flood protective project. (Resolution of the City of Velva is Annex B.)

Governor Guy stated that he was much impressed with the initiative and speed with which the Chief Engineer and his staff went to work on the Velva problem. He was of the opinion that the Commission staff functioned more rapidly than other agencies charged with caring for such emergencies. The Governor also stated he was pleased with the reports that had come to him from the citizens of Velva as to the cooperation the Commission is giving that city. Governor Guy stated he understood the plan the Corps had previously made for protecting the city of Velva from floods was effective against the Mouse River only and did not take into consideration the coulee that caused the present flooding. He implied that the projects should be integrated to afford protection to Velva from both sources. Secretary Hoisveen averred that the two plans could be integrated with little or no additional cost than if they were single projects. Mr. Fredrickson informed the Commission that it would be necessary for the Corps of Engineers to obtain certain assurances at the local level before they could proceed with the type of flood protective project. The assurances would involve rights-of-way and cost other than that devoted to construction. Governor Guy opined that the State Highway Department would be involved in the construction features of the project inasmuch as U. S. Highway #52 crossed the coulee and thereby became a part of the project. He recommended that a resolution be adopted by the Commission and copies be forwarded to the Corps of Engineers and the State Highway Department. It was moved by Commissioner Gallagher and seconded by Commissioner Einar Dahl that the following resolution be adopted. On voice vote the motion carried.

RESOLUTION

WHEREAS, torrential rains in the vicinity of the City of Velva, North Dakota on the 9th day of August, 1962, created an enormous quantity of water which flooded the city of Velva causing the drowning of three persons, great human suffering and property damage approximating seven hundred thousand dollars, and

WHEREAS, the topography of the area in which the city of Velva is located is such that water resulting from snow melt and heavy rainfall has previously caused flooding in that city, and

WHEREAS, flood protection is needed at the earliest possible date to prevent recurrence of such flooding, and

WHEREAS, the governing board of the city of Velva has appealed to the State Water Conservation Commission for assistance in building a system of levees which will protect the city and adjacent properties from a repetition of such catastrophic floods in the future, and

WHEREAS, the funds available to the North Dakota State Water Conservation Commission are barely sufficient to enable it to perform the functions

imposed on it by law and not adequate to defray the cost of the flood protective works required for the city of Velva,

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission in a meeting held in Bismarck the 29th day of August, 1962 that the Corps of Engineers, St. Paul District, be urged to take immediate action to plan and construct such flood protective works for the city of Velva through the authority granted them under Public Law 685, and

BE IT FURTHER RESOLVED that the North Dakota State Water Conservation Commission will assist the Corps of Engineers in this effort to the extent permitted under State Law.

BE IT FURTHER RESOLVED that copies of this Resolution be forwarded to the Corps of Engineers, St. Paul District Office, and to the North Dakota State Highway Department.

**QUALITY OF WATER ENDEAVOR
WITH THE STATE LABORATORY**

Governor Guy reported that the Federal Government through the Quality Water Branch of the U. S. Geological Survey has been conducting quality of water analysis in Lincoln, Nebraska in connection with the North Dakota Groundwater Studies. He stated that officials of the State Water Conservation Commission have contacted the North Dakota State Laboratory regarding the possibility of that agency taking over that function. Secretary Hoisveen indicated that the cost of a water sampling program conducted through the Quality Water Branch might, under our expanded groundwater program, cost \$20,000 a year. The State Laboratory indicated that they would hire a chemist who would devote his entire time to the water program, both surface and ground water, and the estimated cost would approximate \$7,500 a year. It was doubtful whether the Groundwater Branch of the U. S. Geological Survey would match this effort; however, it would still result in a saving. The State Laboratory would be in a position to give almost immediate results when requested to make an analysis as compared to a three month wait for sample analysis results when sent to the Lincoln office of the Quality Water Branch. It was suggested that the State Water Conservation Commission prepare a memorandum of agreement and work with the State Laboratory in this endeavor. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that the Quality water analysis be performed in cooperation with the State Laboratory. Motion carried.

**EQUIPMENT FOR WATER
ANALYSIS**

The State Laboratory will be required to purchase certain equipment to carry out additional water analysis. They will need a constant temperature oven, water bath, a gas heater, and a Hellig Turbidimeter. The total cost of these items will approximate \$465. It was recommended that the Secretary of the Commission buy this equipment for the use of the State Laboratory. It was moved by Commissioner Gallagher and seconded by Commissioner Math Dahl that the Commission expend approximately \$465 for the necessary equipment to carry on a quality water program in connection with the State Laboratory. Motion carried.

**REPLACEMENT OF DAMAGED
EQUIPMENT (Chain saw and
surveyor's level)**

It was reported to the Commission that a surveyor's level and a chain saw were destroyed by a bulldozer during the construction of the Antler Dam. The damage to both pieces of equipment placed them in a state beyond repair. The insurance company has agreed to pay \$350 for the two items. The additional cost of purchasing new equipment to the Commission would approximate \$150. It was moved by Commissioner Einar Dahl and seconded by Commissioner

Gallagher that the Commission approve the purchase of a surveyor's level and a chain saw. The motion carried.

**U. S. GEOLOGICAL SURVEY
GROUNDWATER BRANCH
DIFFICULTIES IN ACQUIRING
FUNDS TO CARRY OUT
COOPERATIVE PROGRAM**

The U. S. Geological Survey requested appropriations in the amount of \$500,000 to meet an expanded cooperative program with the various states. North Dakota is, of course, one of the states. The Geological Survey also requested appropriations to construct a water research institute which would cost approximately 2 million dollars. Apparently the Bureau of the Budget and the U. S. Geological Survey agreed to approve the construction of the water research institute if the increase in the cooperative water programs were dropped. The appropriation for the water research institute was denied by the House Appropriation Committee. This resulted in the loss of both programs to the U. S. Geological Survey. As a consequence the state cooperative program has suffered extensive damage. The U. S. Geological Survey is requesting the State Water Conservation Commission to increase its expenditure to the extent of \$7,000. The additional money would not be matched by federal funds unless credit can be given the following year. This is doubtful as it would require a firm agreement with the Washington office of the U. S. Geological Survey. Secretary Hoisveen expressed concern over the possibility that the U. S. Geological Survey might drop their matching capability further in the future. He informed the Commission that the survey is currently using 9% of the State and Federal funds for the operation of the Washington office. They previously allocated 7½% for this use.

Mr. Fredrickson was of the opinion that the Commission should not take action relative to the \$7,000 request until the last deficit bill has been before Congress. Governor Guy felt that the proposal should not be approved by the Commission. It was moved by Commissioner Gallagher and seconded by Commissioner Math Dahl that the Water Commission deny the U. S. Geological Survey Groundwater Branch its request for additional funds to carry out the expanded water program as our current appropriation would not permit such an expenditure. The motion was carried.

COMMISSION MEETING-VALLEY CITY The North Dakota Water Users Convention will be held in Valley City on November 14 and 15. Governor Guy and members of the North Dakota Congressional Delegation will be in attendance at the convention. Secretary Hoisveen suggested that the State Water Commission hold a meeting in Valley City on either November 14th or 15th. It would provide the Commission members an opportunity to participate in the proposed wording of a bill which will be presented to Congress for the authorization of the Garrison Diversion Unit. It was moved by Commissioner Gallagher and seconded by Commissioner Einar Dahl that the members of the State Water Commission hold a meeting in Valley City on November 14th following the luncheon. The motion carried. Mr. Fredrickson will make the arrangements as to the meeting place for the Commission. Reservations have been made in the Flicker-tail Motel for the Commission members.

**LOWER FOREST RIVER
WATERSHED PLAN**

The Soil Conservation Service has proposed a watershed project in the Lower Forest River Watershed. The project is principally a drainage project as no retention or detention dams are included in the plan. The project as proposed would provide drainage for land lying between the Forest and Park Rivers in the vicinity of Grafton and Minto. The affected area extends westward to the Pembina

escarpment. Waste ways would be concentrated in one large floodway which would empty into the Forest River several miles above its confluence with the Red. Governor Guy presented a petition from landowners below the drain who feel they would be adversely affected if it were constructed according to present plans.

It was pointed out that the staff of the State Water Conservation Commission did not have an opportunity to review the watershed plan prior to the hearing held in Grafton and as a consequence were unable to suggest alternate routing of the drain at that time. An agreement has now been worked out with the Soil Conservation Service which permits the staff members of the Commission to be a party in the basic planning when it is initiated. Secretary Hoisveen explained that there were other possibilities of routing the water other than that into the Lower Forest River; however, it will take considerable work on the part of the Commission to establish the feasibility of such routing. Governor Guy recommended that the Chief Engineer make a cursory study of the Lower Forest River Watershed as to the effect this project will have on the residents in the area and ask the Soil Conservation Service to make a short presentation of their plan at the next meeting of the Commission. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the State Water Commission conduct a study of the Lower Forest River for presentation at the next meeting. Carried.

**TIOGA REQUEST FOR
ADDITIONAL SURVEY**

A request has been received from the city of Tioga relative to the possibility of constructing a dam above that city for the purpose of providing flood control, a source of municipal water supply and a recreation center. The city has deposited \$200 with the Water Conservation Commission for defraying a portion of the costs of the survey. The principal use of the impoundment would be for a municipal water supply. Consulting engineers employed by Tioga are hopeful that water might be entrained in the aquifer from which they are currently obtaining their water supply. It was moved by Commissioner Gallagher and seconded by Commissioner Einar Dahl that the Commission grant its approval to the staff to make a further study for an expanded municipal water supply for the city of Tioga. The motion carried.

**CHAMBER OF COMMERCE
RESOLUTION RELATIVE TO
FLUCTUATIONS IN THE
GARRISON RESERVOIR RELEASES**

The Water Resources Committee of the Bismarck Chamber of Commerce adopted a resolution on August 23, 1962 in which they called attention to the erratic nature of water releases made from the Garrison Reservoir. The resolution was read at the State Water Conservation Commission meeting and is Annex C. Secretary Hoisveen stated that he was a member of the Main Stem Coordinating Committee for the Missouri River and he would discuss this matter with the Committee at its meeting which is scheduled to be held in Omaha on September 12th and 13th. He indicated that the matter would be brought to the attention of the Commission at the next meeting. A chart would be prepared to show the fluctuations that have been occurring in the reservoir releases.

WATER RIGHTS

#1018

Lawrence Pease, Emmet, requests the right to divert 45 acre-feet of water from a dry draw tributary to the Missouri River to irrigate 22.5 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Lawrence Pease be granted the right to divert 34 acre-feet of water from the dry draw to irrigate 22.5 acres. Carried.

- #1020 The Game and Fish Department requests the right to divert 310 acre-feet annual use from the Pipestem Creek, tributary to James River and 800 acre-feet storage for recreation. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the Game and Fish Department be granted the right to divert 310 acre-feet annual use and 800 acre-feet for storage from the Pipestem Creek for recreational purposes. Carried.
- #1021 Albert Sadowsky, Gladstone, requests the right to divert 16 acre-feet of water from unnamed dry creek, tributary of Crooked Creek and the Knife River to irrigate 8 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Albert Sadowsky be granted the right to divert 10 acre-feet of water from unnamed dry creek, tributary of Crooked Creek to irrigate 8 acres. Carried.
- #1022 The village of Ryder requests the right to divert 82 acre-feet of water from wells for municipal purposes. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the village of Ryder be granted the right to divert 82 acre-feet of water from wells for municipal purposes. Carried.
- #1023 The city of Sykeston requests the right to divert 100 acre-feet of water from Lake Hiawatha for municipal purposes. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the city of Sykeston be granted the right to divert 100 acre-feet of water from Lake Hiawatha for municipal purposes. Carried.
- #1024 Carl O. Knudson, Almont, requests the right to divert 35 acre-feet of water from Muddy Creek, tributary of the Heart River, to irrigate 17.6 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Carl O. Knudson be granted the right to divert 19 acre-feet of water from Muddy Creek to irrigate 15 acres. Carried.
- #1025 Robert Krieger, Dunn Center, requests the right to divert 35 acre-feet of water from an unnamed creek tributary to Spring Creek to irrigate 17.2 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Robert Krieger be granted the right to divert 25 acre-feet of water from an unnamed creek to irrigate 17.2 acres. Carried.
- #1026 J. P. Schlosser, Mandan, requests the right to divert 216.3 acre-feet of water from Square Butte Creek, tributary of the Missouri River, to irrigate 108.1 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that J. P. Schlosser be granted the right to divert 216.3 acre-feet of water from Square Butte Creek to irrigate 108.1 acres. Carried.
- #1027 Ernest O. Oster, Hazen, requests the right to divert 30 acre-feet of water from an unnamed channel, tributary to the Knife River, to irrigate 15 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Ernest O. Oster be granted the right to divert 19 acre-feet of water from the unnamed channel to irrigate 15 acres. Carried.

#1028 Francis M. Rime, Emmet, requests the right to divert 179.2 acre-feet of water from Garrison Reservoir to irrigate 89.6 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Francis M. Rime be granted the right to divert 179.2 acre-feet of water from the Garrison Reservoir to irrigate 89.6 acres. Carried.

#1029 Andrew and Hannah Lunde, Crosby, request the right to divert 35 acre-feet of water from unnamed stream, tributary of Long Creek to irrigate 35 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Andrew and Hannah Lunde be granted the right to divert 20 acre-feet of water from an unnamed stream to irrigate 20 acres. Carried.

#1030 Wachter Real Estate Trust, Bismarck, requests the right to divert 2815 acre-feet of water from the Missouri River to irrigate 1400.7 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that Wachter Real Estate Trust be granted the right to divert 2801.4 acre-feet of water from the Missouri River to irrigate 1400.7 acres. Carried.

#1034 City of Beach requests the right to divert 322.6 acre-feet of water from ground water from the Fox Hills aquifer for municipal purposes. It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the city of Beach be granted the right to divert 322.6 acre-feet of ground water from the Fox Hills aquifer for municipal purposes. Carried.

There being no further business the meeting
adjourned at 11:30 a.m.

Respectfully submitted,

Milo W. Hoisveen
Secretary

ATTEST:

William L. Guy
Governor

ANNEX A

P E T I T I O N

To: North Dakota State Water Conservation Commission.

WHEREAS, at a meeting of the Board of County Commissioners of Cavalier County, North Dakota, held on July 26, 1962, a committee of three met with the Board, said committee having been appointed as the result of a meeting of residents of Cavalier County held on or about June 20, 1962. Said committee was to petition and make known to the Board of County Commissioners the wishes of the residents of the County attending such meeting concerning the establishment of a Conservation and Flood Control District in Cavalier County, boundaries to coincide with the boundaries of Cavalier County.

NOW THEREFORE, We the Board of Commissioners of Cavalier County, North Dakota, do hereby petition the North Dakota State Water Conservation Commission to survey and take such steps as are necessary to determine whether such Water Conservation and Flood Control District is desirable and feasible.

Dated at Langdon, North Dakota, this 26th day of July, 1962.

Board of
County Commissioners
Cavalier County
North Dakota.

(s/ Emil Clairmont Chairman
(_____
(s/ Levi Hall
(_____
(s/ Erwin Weston
(_____
(s/ K. E. Wilson
(_____
(_____

Attest: Ted G. Voiles
Auditor.

ANNEX B

R E S O L U T I O N

Whereas, the City of Velva and adjacent agricultural land was devastated by a flash flood resulting from rainfall emptying into the city from the Bonnes Coulee on August 10, 1962 causing the loss of three lives and inflicting severe human suffering, and

Whereas, the property damage is estimated to run into hundreds of thousands of dollars, and

Whereas, flooding from this coulee and the Mouse River has been recurring in nature, Therefore Be It Resolved that the City Commission of Velva, North Dakota at a special meeting on August 14, 1962 urge the North Dakota State Water Conservation Commission and the Corps of Engineers to take immediate steps to plan and install a flood protective system in the vicinity of Velva, North Dakota to eliminate such future flooding.

Attest:

Ernest M. Sands
Pres. City Comm.

Vendler Johnson

City Auditor

ANNEX C

R E S O L U T I O N

WHEREAS, the economy of the State of North Dakota and its public subdivisions near and adjacent to the Missouri River have suffered severely by removal of 548,000 acres of valuable agricultural land for use in connection with the Oahe and Garrison Reservoirs; and

WHEREAS, a reach of the Missouri River extending from Bismarck, North Dakota, to the Garrison Dam constitutes the only remaining Missouri River bottom in our state; and

WHEREAS, prior to the closing of the Garrison Dam, periodic flooding of the Missouri River bottom land resulted in natural irrigation of drouthy soils in the basin; and

WHEREAS, controlling those river waters has made irrigation of these soils necessary to sustain crop yields; and

WHEREAS, this reach of river bottom land comprises a potential of 55,000 acres of irrigable land which is needed as a feed base and truck garden area; and

WHEREAS, this irrigable acreage is being developed at a rapid rate through individual initiative; and

WHEREAS, the water releases made from the Garrison Reservoir by the Corps of Engineers have had day to day fluctuations approximating 20,000 cfs; and

WHEREAS, farmers currently irrigating 5,000 acres of bottom land cannot conceivably operate expensive pumping facilities capable of accommodating such fluctuations in flow; and

WHEREAS, such fluctuations cause a sluicing effect on the river banks and thereby accelerate bank erosion.

NOW, THEREFORE, BE IT RESOLVED that the Water Resources Committee of the Bismarck Chamber of Commerce at a meeting duly assembled at Bismarck, North Dakota, this 23rd day of August, 1962, urges the Corps of Engineers to schedule water releases in a more uniform pattern which would provide a minimum base flow of no less than 10,000 cfs during a period commensurate with the irrigation season; and

BE IT FURTHER RESOLVED that the Manager of the Bismarck Chamber of Commerce be directed to mail copies of this resolution to the Corps of Engineers, Missouri River Division, our congressional delegation in Washington, D. C., the Governor of North Dakota, and the North Dakota State Water Conservation Commission.

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF AUGUST 31, 1962
 1961 - 1963 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	AUG'62	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXP	6,000.00	.00	3,060.35	274.22	2,939.55	428.88	2,510.77
2. ADMINISTRATION	62,000.00	1,028.84	37,937.53	2,801.54	25,091.51	1,730.90	23,360.41
3. MAINTENANCE OF DAMS	150,000.00	76,719.30	177,983.24	6,551.28	40,736.06	24,343.41	24,392.65
4. INT'L & INTERSTATE EXP	10,000.00	.00	3,442.39	596.06	6,557.51	125.38	6,432.23
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	14,993.14	1,412.26	15,006.36	15,006.36	.00
6. HYDROGRAPHIC SURVEYS	27,500.00	.00	16,574.00	5,529.46	6,926.00	6,926.00	.00
7. ENGR & GEOL SURVEYS	50,000.00	22,921.00	55,763.54	3,698.34	17,157.46	1,888.66	15,268.80
8. COOP WITH U. S. DEPT.	60,000.00	.00	27,174.31	3,124.76	32,825.59	6,114.33	26,711.36
9. ENGINEERING INVEST.	145,000.00	4,613.16	79,510.14	5,616.90	70,103.02	6,612.37	61,490.15
10. ADM OF WATER RIGHTS	10,000.00	.00	6,527.16	1,562.64	3,472.34	92.91	3,379.93
	<u>550,500.00</u>	<u>105,282.30</u>	<u>424,965.30</u>	<u>31,167.46</u>	<u>230,816.50</u>	<u>67,270.20</u>	<u>163,546.30</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF AUGUST 31, 1962

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	AUG'62	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE "CARRIED FORWARD"	300,000.00 163,583.61	33,252.97	56,329.30	34,171.90	400,447.28	314,003.48	66,443.80
21. CONST BOND GUARANTEE	90,000.00	18,272.94	20,539.00	.00	67,733.94	.00	67,733.94
22. SHOP BLDG "SPECIAL"	30,000.00	.00	29,998.04	.00	1.96	.00	1.96

NOTE- FUND #21 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, '57. ORIGINAL DISBURSEMENTS FROM FUND #21 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE, OR AGREE TO PAY, THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS, NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND NO. 21

TYPE	DUE DATE	INTEREST RATE	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U. S. SERIES K BONDS	5-65	2.76%	\$ 124.20	\$1,500.00	\$1,624.20
U. S. SERIES K BONDS	4-67	2.76%	276.00	2,000.00	2,276.00
U. S. TREASURY BONDS	12-68	2.50%	487.50	3,000.00	3,487.50
SIOUX IRRIG DIST BONDS	1984 SERIALY	2.25%	4,938.75	17,500.00	22,438.75
THE CONSTRUCTION BOND GUARANTEE FUND WILL ATTAIN ITS ORIGINAL CASH LEVEL OF \$90,000 IN 1964 AT WHICH TIME LEGISLATION WILL BE REQUIRED TO DETERMINE DISPOSITION OF THE FUNDS RECEIVED IN EXCESS OF THE ORIGINAL APPROPRIATION AS NOTED IN THE ATTY GEN OPINION DATED 1-2-58.			\$5,826.45	\$24,000.00	\$29,826.45
			FUND BALANCE87,733.94	
			LESS ORIG. APPROPRIATION	<u>-90,000.00</u>	
			EXCESS	\$27,560.39	

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - AUGUST 31, 1962

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY AUG' 62	WITH. TAX	SOC. SEC.	INS	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR	O-9	INC JUL' 61	950.67	139.20		21.20	56.25	734.02
ANDERSON, LARRY	RODMAN	C-6	INC APR' 62	110.21	15.00	3.44			91.77
BAESLER, GORDON	DRAFTSMAN	G-5	INC JUL' 62	410.67	53.80	12.83			344.04
BARES, KATHLEEN	TYPIST	C-5	RES AUG' 62	196.00	25.60	6.13			164.27
BURKHARTSMEIER, G.	DRILLER	E-7	INC AUG' 62	314.67	46.90	9.83			257.94
CHRISTENSEN, RAY	RODMAN	B-8	STA JUL' 62	220.00	29.00	6.37			184.13
COOPER, VERNON S.	ASST SECY	M-7	INC JUL' 61	393.84	71.30	12.31	21.20		289.03
ENGSTROM, VIRGLE	RODMAN	C-5	INC APR' 62	214.67	28.50	6.71			179.46
FREDRICKSON, FRED	COORDINATOR	H-8	INC JUL' 62	578.00	72.60	18.06			487.34
FROELICH, LARRY	GEOLOGIST	G-4	STA JUN' 62	400.00	33.80	12.50			353.70
FRY, GORDON,	ENGR AID	E-2	RES AUG' 62	274.67	39.70	8.58			226.39
GRINDBERG, ALAN	ENGINEER	J-9	INC MAR' 62	640.67	98.80	12.36			529.51
HILAND, LEONE	CH STENO	F-8	INC JUL' 62	383.17	48.40	11.97	8.20		314.60
HILLS, DAVID	ENGR AID	E-2	RES AUG' 62	274.67	19.70	8.58			246.39
JOB, RHODA	FILE CLERK	C-6	STA JUN' 62	220.42	20.00	6.39	8.20		185.33
KNUTSON, LEWIS	DRILLER	F-10	INC AUG' 62	402.17	43.30	12.57			345.80
LIVERSAGE, KAY	STENO	B-9	STA JUN' 62	206.67	27.10	6.46	7.90		165.21
NELSON, C. P.	ENGINEER	K-6	INC MAR' 62	651.67	108.30	9.60			533.27
OLHEISER, ROGER	RODMAN	B-8	STA JUN' 62	201.67	26.40	6.30			168.97
PEDERSON, GARY	OFF ASST	C-6	INC MAR' 62	220.42	30.00	6.89	7.90		175.63
PUTZ, ROY	OFF ASST	C-4	INC JUL' 62	208.92	17.30	6.53	7.90		176.69
REITER, DANIEL	FOREMAN	G-4	RES JUL' 62	420.65	37.40	13.15			370.10
RIVINIUS, MERRIL	ENGINEER	J-3	INC JUL' 62	547.67	89.00	17.11	8.45		433.11
SACKMAN, EUGENE	SURVEYOR	F-9	INC APR' 62	392.67	21.30	12.27	20.45		338.65
SANDWICK, HAZEN	ENGINEER	M-3	INC DEC' 61	707.67	76.00		20.45	37.50	573.72
SCHMID, ROGER	GEOLOGIST	H-4	INC JUL' 62	454.17	41.00	14.19			398.98
SCHULZ, DELTON	ENGINEER	J-3	INC JUL' 62	547.67	89.00	17.11			441.56
SCHULZ, JIM	ACCOUNTANT	K-3	INC JUL' 62	600.67	81.60	18.77			500.30
SCHWINKENDORF, DON	SURVEYOR	F-5	INC AUG' 62	354.67	54.10	11.08			289.49
SWENSON, HELEN	STENO	D-5	INC JUL' 62	252.00	45.40	7.88			198.72
VOELLER, PIUS	FOREMAN	F-5	PER FEB' 62	354.67		11.08			343.59
WALTERSON, HOWARD	CONST SUPT	H-4	INC MAY' 62	450.00	61.00	14.06	20.45		354.49
WALTERSON, JEAN	DRAFTSMAN	E-4	INC FEB' 62	290.67	32.60	9.08			248.99
WESTGATE, SAM	OFF ASST	B-9	RES AUG' 62	188.70	24.20	5.90			158.60
ZIEGLER, VICTOR	ENGINEER	M-3	INC DEC' 61	707.67	106.00		20.85		580.82

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - AUGUST 31, 1962

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY AUG' 62	WITH. TAX	SOC. SEC.	INS	BONDS	NET
ENGSTROM, WARREN	LABORER	1.50	RES AUG' 62	221.25	30.50	6.91			183.84
HALLOF, EDWARD	LABORER	1.50	RES JUL' 62	7.50	1.35	.23			5.92
JOHNSON, GEORGE	OPERATOR	2.00	INC APR' 61	517.00	82.20	16.16			418.64
KNUTSON, LANNY	ASST DRILLER	1.95	INC AUG' 62	494.61	77.10	15.45			402.06
MANNING, ROY	LABORER	1.50	RES AUG' 62	317.25	45.50	9.91			261.84
MARION, HERMAN	RODMAN	1.50	STA JUN' 62	51.00		1.59			49.41
OMAFRAY, MACDONALD	RODMAN	1.80	TEM JUL' 62	77.40	11.60	2.42			63.38
PETERSON, JOHN	OPERATOR	2.10	INC MAY' 62	529.20	83.30	16.54			428.86
SCHWEIGERT, CALVIN	OPERATOR	1.90	INC JUL' 62	532.95	85.00	16.66			431.29
SENGER, ANTON	OPERATOR	1.90	INC JUL' 62	526.30	37.20	16.46			472.64
URNESS, JOSEPH	OPERATOR	1.85	INC JUL' 62	462.51	71.20	14.46			376.85
URNESS, WILLIAM	ASST DRILLER	1.60	RES AUG' 62	353.60	52.00	11.05			290.55
WESTON, DALE	LABORER	1.50	TEM JUL' 62	19.50	1.20	.61			17.69
				1,785.347	2,333.45	465.54	173.15	93.75	14,787.58

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF SEPTEMBER 30, 1962
 1961 - 1963 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	SEP'62	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXP	6,000.00	.00	3,180.01	119.66	2,819.99	457.76	2,362.23
2. ADMINISTRATION	62,000.00	1,067.59	40,375.15	2,437.62	22,692.44	1,626.26	21,066.18
3. MAINTENANCE OF DAMS	150,000.00	101,185.40	204,021.72	26,038.48	47,163.68	13,486.35	33,676.93
4. INT'L & INTERSTATE EXP	10,000.00	.00	4,200.59	758.20	5,799.41	292.00	5,507.41
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	14,993.14	.00	15,006.86	15,006.36	.00
6. HYDROGRAPHIC SURVEYS	27,500.00	.00	18,574.00	.00	8,926.00	8,926.00	.00
7. ENGR & GEOL SURVEYS	50,000.00	22,921.00	55,456.68	2,693.14	14,464.32	2,444.47	12,019.35
8. COOP WITH US DEPT.	60,000.00	.00	31,154.82	3,980.51	28,345.18	4,964.07	23,381.11
9. ENGINEERING INVEST.	145,000.00	4,613.16	89,410.60	9,900.46	60,202.56	4,636.57	55,565.99
10. ADM OF WATER RIGHTS	10,000.00	.00	7,341.90	814.74	2,658.10	.00	2,658.10
	<u>550,500.00</u>	<u>129,787.15</u>	<u>471,708.61</u>	<u>46,742.81</u>	<u>208,578.34</u>	<u>51,840.84</u>	<u>156,737.70</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF SEPTEMBER 30, 1962

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	SEP'62	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE "CARRIED FORWARD"	300,000.00 163,583.61	33,252.97	101,058.90	4,669.60	305,777.68	314,277.35	31,500.33
21. CONST BOND GUARANTEE	90,000.00	18,272.94	20,539.00	.00	87,733.94	.00	87,733.94
22. SHOP BLDG "SPECIAL"	30,000.00	.00	29,993.04	.00	1.96	.00	1.96

NOTE- FUND #21 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, '57. ORIGINAL DISBURSEMENTS FROM FUND #21 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE, OR AGREE TO PAY, THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS, NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND NO. 21

TYPE	DUE DATE	INTEREST RATE	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U. S. SERIES K BONDS	5-65	2.76%	\$ 124.20	\$1,500.00	\$1,624.20
U. S. SERIES K BONDS	4-67	2.76%	276.00	2,000.00	2,276.00
U. S. TREASURY BONDS	12-68	2.50%	487.50	3,000.00	3,487.50
SIOUX IRRIG DIST BONDS	1984 SERIALLY	2.25%	4,938.75	17,500.00	22,438.75
THE CONSTRUCTION BOND GUARANTEE FUND WILL ATTAIN ITS ORIGINAL CASH LEVEL OF \$90,000 IN 1964 AT WHICH TIME LEGISLATION WILL BE REQUIRED TO DETERMINE DISPOSITION OF THE FUNDS RECEIVED IN EXCESS OF THE ORIGINAL APPROPRIATION AS NOTED IN THE ATTY GEN OPINION DATED 1-2-58.			\$5,826.45	\$24,000.00	\$29,826.45
			FUND BALANCE		87,733.94
			LESS ORIG. APPROPRIATION		-90,000.00
			EXCESS		\$27,560.39

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - SEPTEMBER 30, 1962

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY SEP' 62	WITH. TAX	SOC. SEC.	INS	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR	O-9	INC JUL' 61	950.67	139.20		21.20	56.25	734.02
ANDERSON, LARRY	RODMAN	C-6	INC APR' 62	220.42	30.00	6.89			183.53
BAESLER, GORDON	DRAFTSMAN	G-5	INC JUL' 62	410.67	53.80	12.83			344.04
BURKHARTSMEIER, G.	DRILLER	E-7	INC AUG' 62	314.67	46.90	9.83			257.94
CHRISTENSEN, RAY	RODMAN	B-8	STA JUL' 62	201.67	26.40	6.30			168.97
COOPER, VERNON S.	ASST SECY	1/2M-7	INC JUL' 61	393.84	71.30	12.31	21.20		289.03
ENGSTROM, VIRGLE	RODMAN	C-5	INC APR' 62	214.67	28.50	6.71			179.46
FREDRICKSON, FRED	COORDINATOR	H-8	INC JUL' 62	500.00	61.80	15.63	20.90		401.67
FROELICH, LARRY	GEOLOGIST	G-4	STA JUN' 62	400.00	33.80	12.50			353.70
FRY, GORDON	ENGR AID	E-2	RES AUG' 62	13.73	2.15	.43			11.15
GLOVER, DALE	HYDROLOGIST	J-8	STA SEP' 62	625.17	101.60	19.54			504.03
GRINDBERG, ALAN	ENGINEER	J-9	INC MAR' 62	640.67	98.80				541.87
HILAND, LEONE	CH STENO	F-8	INC JUL' 62	383.17	48.40	11.97	8.20		314.60
JOB, RHCDA	FILE CLERK	C-6	STA JUN' 62	220.42	20.00	6.89	8.20		185.33
KNUTSON, LEWIS	DRILLER	F-10	INC AUG' 62	402.17	43.80	12.57			345.80
LIVERSAGE, KAY	STENO	B-9	INC SEP' 62	220.42	30.00	6.89	7.90		175.63
NELSON, C. P.	ENGINEER	K-6	INC MAR' 62	651.67	108.80				542.87
OLHEISER, ROGER	RODMAN	B-8	STA JUN' 62	201.67	26.40	6.30			168.97
PEDERSON, GARY	OFF ASST	C-6	RES SEP' 62	81.21	4.30	2.54			73.37
PUTZ, ROY	OFF ASST	C-4	INC JUL' 62	208.92	17.30	6.53	7.90		176.69
RIVINIUS, MERRIL	ENGINEER	J-3	INC JUL' 62	547.67	89.00	16.54	8.45		433.68
SACKMAN, EUGENE	SURVEYOR	F-9	INC APR' 62	392.67	21.30	12.27	20.45		338.65
SANDWICK, HAZEN	ENGINEER	M-3	INC DEC' 61	707.67	76.00		20.45	37.50	573.72
SCHMID, ROGER	GEOLOGIST	H-4	INC JUL' 62	454.17	41.00	14.19			398.98
SCHULZ, DELTON	ENGINEER	J-3	INC JUL' 62	547.67	89.00	17.11			441.56
SCHULZ, JIM	ACCOUNTANT	K-3	INC JUL' 62	600.67	81.60	18.77			500.30
SCHWINKENDORF, DON	SURVEYOR	F-5	INC AUG' 62	354.67	54.10	11.08			289.49
SWENSON, HELEN	STENO	D-5	INC JUL' 62	252.00	45.40	7.38			198.72
VOELLER, PIUS	FOREMAN	F-5	INC SEP' 62	377.67		11.80			365.87
WALTERSON, HOWARD	CONST SUPT	H-4	INC MAY' 62	450.00	61.00	14.06	20.45		354.49
WALTERSON, JEAN	DRAFTSMAN	E-4	INC SEP' 62	316.67	36.90	9.90			269.87
ZIEGLER, VICTOR E.	ENGINEER	M-3	INC DEC' 61	707.67	106.00		20.85		580.82

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - SEPTEMBER 30, 1962

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY SEP' 62	WITH. TAX	SOC. SEC.	INS.	BONDS	NET
GILBERTSON, LEROY	LABORER	1.50	STA SEP' 62	111.00	15.40	3.47			92.13
HEITZ, NICK	LABORER	1.50	RES AUG' 62	17.25		.54			16.71
HOLTE, CLAYTON	LABORER	1.50	STA SEP' 62	94.50	12.60	2.95			78.95
JOHNSON, GEORGE	OPERATOR	2.00	INC APR' 61	431.00	68.60	13.47			348.93
KNUTSON, LANNY	ASST DRILLER	1.95	INC AUG' 62	407.56	64.70	12.68			330.18
MARION, HERMAN	RODMAN	1.50	STA JUN' 62	360.00	6.10	11.25			342.65
PETERSON, JOHN	OPERATOR	2.10	INC MAY' 62	389.55	61.30	12.18			316.07
RANDALL, ROBERT	OPERATOR	1.85	INC AUG' 62	384.48	50.40	12.01			322.07
RUNNING, HARMON	LABORER	1.50	STA SEP' 62	111.00	15.40	3.47			92.13
RUNNING, WHITNEY	LABORER	1.50	STA SEP' 62	111.00	15.40	3.47			92.13
SCHWEIGERT, CALVIN	OPERATOR	1.90	INC JUL' 62	415.15	65.90	12.97			336.28
SENGER, ANTON	OPERATOR	1.90	INC JUL' 62	411.35	28.00	12.85			370.50
SHEFSTAD, CLARENCE	LABORER	1.50	STA SEP' 62	111.00	8.00	3.47			99.53
URNESS, JOSEPH	OPERATOR	1.85	INC JUL' 62	325.60	49.80	10.17			265.63
				16,645.47	2,157.15	405.21	186.15	93.75	13,803.21