

STATE WATER CONSERVATION COMMISSION  
MINUTES OF MEETING  
Held in Office of State Water Commission  
Bismarck, North Dakota  
September 22, 1961

A meeting of the North Dakota State Water Conservation Commission was held in the office of the State Water Conservation Commission on September 22, 1961, at 9:35 a.m. The meeting was called to order by Vice Chairman Lunseth. The following commission members were present:

MEMBERS OF STATE WATER CONSERVATION COMMISSION

Governor William L. Guy, Chairman  
Oscar Lunseth, Vice Chairman, Member from Grand Forks  
Henry Steinberger, Member from Donnybrook  
William Corwin, Member from Fargo  
Richard P. Gallagher, Member from Mandan  
Einar Dahl, Member from Watford City  
Math Dahl, Commissioner of Agriculture & Labor, Bismarck  
Fred J. Fredrickson, Planning Coordinator, Washington, D.C.  
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

OTHERS PRESENT:

Clark Robinson, Colehabor  
Manfred Ohnstad, West Fargo, Cass County Drain Board  
Gunnard Nelson, Fargo, Cass County Drain Board  
Bennie Nedrebo, Gardner, Cass County Drain Board  
John E. Beach, Fargo, Cass County Drain Board  
Leo N. Sinner, Casselton, Harmon Township  
T. L. Ness, Fargo, Soil Conservation Service  
Guy Larson, Reclamation Committee, Chamber of Commerce, Bismarck  
Bill Shirley, Reclamation Committee, Chamber of Commerce, Bismarck  
Ervin Bourgois, Reclamation Committee, Chamber of Commerce, Bismarck  
Jim Moore, Reclamation Committee, Chamber of Commerce, Bismarck

APPROVAL OF MINUTES OF AUGUST 7, 1961      It was moved by Commissioner Einar Dahl that the minutes of August 7, 1961 be approved. The motion was seconded by Commissioner Corwin. Carried.

FINANCIAL STATEMENT AUGUST 1961      It was moved by Commissioner Einar Dahl and seconded by Commissioner Math Dahl that the Financial Statement for August 1961 be approved. Carried.

GOLD NUGGET TRAILER COURT MINOT SEWAGE SYSTEM COMPLAINT      A notice and complaint was received from the Gold Nugget Trailer Court of Minot, North Dakota relative to the installation of a sewage pipeline and pressure sewage system and lagoon system across the premises known as the Gold Nugget Trailer Court. A notice was also forwarded to the State Health Department, who is investigating the complaint and notice and will

make a statement very soon concerning this situation. It is anticipated that a joint report will be made.

**LINCOLN JOURNAL STATEMENT  
REGARDING GARRISON  
DIVERSION UNIT**

Secretary Hoisveen informed the commissioners that he had replied to an unfavorable report concerning the Garrison Diversion Unit which had been published in the Lincoln Journal. Mr. Hoisveen's letter was not published but an editorial based on the letter was published in the Journal.

**SEBLIN DAM, BATHGATE**

The commission members were informed that a Mr. Seblen visited the office of the State Water Commission in June and July of this year stating that the dam at Bathgate had been washed out and should be replaced. He deposited with the commission \$200 for an inspection and survey. The Secretary informed Mr. Seblen that an inspection, as well as commission approval, would be necessary before commencing work. When the inspection was made Mr. Seblen was putting in the dam, thinking he would be reimbursed by the State Water Commission. After a staff engineer had inspected the dam the \$200 check was refunded to Mr. Seblen. He also discussed this matter with Commissioner Lunseth. Mr. Lunseth stated that an association was formed to take over the school for the blind to be used as an old people's home. The town of Bathgate depends upon its water supply from this dam. The blind school also got its water from this dam. Mr. Seblen, who lives three or four miles east of Bathgate, financed most of the dam himself. The dam has not been built in accordance with standard specifications of the Water Commission. Secretary Hoisveen recommended that the dam not be paid for by the Water Commission. If at some future date the dam could be brought up to standard, payment might be recommended after an inspection by this office.

**WEATHER MODIFICATION  
AND FORECASTING**

Mr. Clark Robinson, a farmer from McLean County, appeared before the commission on behalf of the land and water use committee of the North Dakota Farm Bureau. The committee he represents is interested in weather modification and weather forecasting. The Crick Association is equipped to make weather forecasts and weather modifications. This association has consulted with the Farm Bureau's committee relative to producing rain in the areas where it is dry. Mr. Robinson's committee wondered if it would not be advisable to have weather modification on a state-wide level and to ask the state to do it by law. To speed things up Mr. Robinson thought an initiated measure would be the best way to proceed. He also wondered if the State Water Commission would be interested in setting up a pilot project next summer. He felt that this would be the best type of ground work in getting the project off to a good start. It was the recommendation of the commission members that a committee be appointed to work with the Farm Bureau in gathering information relative to weather modification and forecasting. It was moved by Commissioner Lunseth and seconded by Commissioner Corwin that Commissioner Einar Dahl and Commissioner Steinberger cooperate with the Farm Bureau in investigating the possibilities of weather modification. Motion carried. Mr. Robinson left with the State Water Commission notes on weather modification, proceedings of the National Research Symposium and a copy of a letter from Clarence Jensen of Esmond to Al Keating, dated September 3, 1961. He asked to have these documents returned to him when the commission had made such use of them as they desired.

Governor Guy presides at the meeting.

## CASS COUNTY DRAIN #2

Mr. Ohnstad, clerk of the Cass County Drain Board, together with Gunnard Nelson, Bennie Nedrebo, John Beach, Leo Sinner, members of the Cass County Drain Board and T. L. Ness, Soil Conservation Service, appeared before the commission relative to Drain #2. Mr. Ohnstad commended the commission on its insistence that drop structures be installed in certain drains to curtail erosion. He stated that this had been an effective means of curtailing erosion where such structures had been installed. They were requesting assistance for an extension of a drain, which was referred to as an extension of Drain #2. Under the rules and regulations of the commission, when they have once participated in a drain they do not again participate in the same drain. Drain #2 is an old drain which goes about five miles and has its outlet in the Sheyenne River. The board is endeavoring to establish another drain which has its outlet in Drain #2 and goes about 8 or 9 miles. The board members were of the opinion that this should not be considered as having been a drain in which the commission had previously given assistance, as it drains an entire new area. It was further contended that Drain #2 would require enlargement to accommodate the added flow. The cost of this drain would approximate \$75,000, which includes rights of way and administrative cost. The commission does not participate in rights of way or administrative costs and this figure would be reduced to \$53,000. Commissioner Lunseth moved that the commission participate in drain #2 in such items as qualified for participation and that the drain board give consideration to the construction of a drop structure or such structures as may be required if erosion should become a factor in the future. Staff members of the commission had pointed out the possibility of such an occurrence. The motion was seconded by Commissioner Corwin, Carried.

## CASS COUNTY DRAIN #15

The Cass County Drain Board is asking participation on the part of the State Water Commission in putting in a drop structure in drain #15; however, at the present time they do not have the finances to proceed with drain #15 but are confident that they will have the funds in a couple of years. The drain board has secured a bid price from an individual to reconstruct the drain at 12.8¢ per cubic yard. As soon as drain #15 is paid for the Cass County Drain Board will participate in the drop structure. It was moved by Commissioner Lunseth and seconded by Commissioner Corwin that the commission approve participation in Drain #15, provided a drop structure is a part of the contract and shall be constructed within two years after the construction of the drain has been completed. Carried.

RECLAMATION COMMITTEE  
BISMARCK CHAMBER OF  
COMMERCE

Messrs. Guy Larson, Bill Shirley, Ervin Bourgois and Jim Moore, representing the Reclamation Committee of the Bismarck Chamber of Commerce appeared before the commission regarding the ground water studies in Burleigh County area and elsewhere. Mr. Larson stated that for the past two years ground water studies have been underway in Burleigh County. Mr. Larson stated that from their observations the fact that it is necessary to remove the state owned drill rig to meet commitments in various parts of the state has constituted a bottleneck and is holding up the progress of the survey. The Reclamation Committee was of the opinion that another drill rig should be available so the work could progress at a faster pace. They indicated that they had received several inquiries from other counties regarding their part in the ground water survey.

Mr. Hoisveen explained the procedure of the commission staff in regard to county wide ground water studies. The commission members indicated that the Chief Engineer study the possibility of adding a drill rig and report on this matter at the next commission meeting.

**CONGRESSIONAL APPROPRIATIONS AND NATIONAL LEGISLATION REPORT - Mr. Fredrickson** Mr. Fredrickson requested that he be permitted to make a written report at the next meeting of the commission when he would have available appropriation bills as passed by Congress together with whatever legislation has been passed.

**INTERIOR & INSULAR AFFAIRS COMMITTEE REPRESENTATIVES VISIT TO NORTH DAKOTA** Governor William L. Guy informed the commissioners that Congressman Wayne N. Aspinall, chairman of the Interior and Insular Affairs Committee, and Congressman Walter E. Rogers, Chairman of The Subcommittee on Irrigation and Reclamation, will tour the Garrison Diversion Unit October 20 through 21, 1961. The group, on its tour, will make stops at Carrington, Devils Lake and Jamestown. The commission members were invited to join the group at points convenient to them.

**CITY OF PEMBINA DAM** The city of Pembina is running low on water and has asked the commission to increase the capacity of the structure. The total cost of raising the dam could be approximately \$5,400. In view of the emergency, the commission members agreed to participate in the raising of Pembina Dam, not to exceed \$2,700. It was moved by Commissioner Lunseth and seconded by Commissioner Corwin that the commission participate in the raising of Pembina Dam to the extent of \$2,700. Carried.

The commission recessed until 1 p.m. After reconvening Vice Chairman Lunseth presided. All commission members were present with the exception of Governor Guy.

**REGULATION NEEDS FOR CURTAILING FLOW WELLS** Commissioner Einar Dahl stated there were quite a few wells in his area with 1½" pipe. He was of the opinion that there should be restrictions with regard to flowing wells. Secretary Hoisveen stated that this was in the jurisdiction of the State Geologist. He was also of the opinion that it would be almost impossible to police any restrictions placed on flowing wells. It was recommended that the Secretary write to the State Geologist to alert all users of well water of the law curtailing the flow on wells. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that the secretary notify the State Geologist to inform all users of well water of the law relative to curtailing the flow on wells. Carried.

**CITY OF PARSHALL GROUND WATER SURVEY** A request was received from the city of Parshall requesting a ground water survey. A check for \$3,000 was received for this survey. The city of Parshall has been selected as a site for a missile base. If the survey is approved by the commission a survey could be made in that area in November. It was moved by Commissioner Steinberger and seconded by Commissioner Corwin that the Commission cooperate with the city of Parshall in a ground water survey. Carried.

**LOWER YELLOWSTONE IRRIGATION  
PROJECT - EAST FAIRVIEW,  
NORTH DAKOTA**

A copy of a letter from Mr. Bruce Johnson was received in the office of the Water Commission and read to the commission members relative to the Lower Yellowstone Irrigation Project.

Commissioner Einar Dahl met with the irrigation district supervisors earlier this year in Sidney, Montana. There are 24,000 acres in the Lower Yellowstone Irrigation District in North Dakota. The residents in this area feel they are being discriminated against. The Bureau of Reclamation has no device for measuring water to the farmers. It was the opinion of the commission members that if the district wanted a measuring device they should advise the commission and the commission would, in turn, sponsor legislation requiring that measuring devices be incorporated in projects of considerable size at the point of diversion. It was further recommended that the Secretary write to the district, with a copy of the letter available to Commissioner Einar Dahl, as to whether they want a measuring device.

**NATIONAL RECLAMATION  
ASSOCIATION MEETING  
IN BILLINGS**

The National Reclamation Association will hold its meeting in Billings in October, to which the commission members are invited. Commissioner Steinberger is attending as a representative from

the Conservancy District. Commissioners Einar Dahl and Math Dahl plan to attend the meeting. Commissioner Gallagher will endeavor to be present.

**INTERNATIONAL JOINT COMMISSION  
MEETING IN OTTAWA**

The International Joint Commission will meet in Ottawa October 2 and 3, 1961. The Pembilier Dam will be discussed at that time. It was

moved by Commissioner Corwin and seconded by Commissioner Math Dahl that the Secretary be authorized and instructed to attend the International Joint Commission meeting in Ottawa. Carried.

**BROCHURES FOR STATE  
WATER COMMISSION**

Secretary Hoisveen informed the commission members that the commission has an exhibit that is used at fairs and other occasions over the

state. Some type of brochure should be available for those who ask for information concerning specific activities of the water commission, its projects or other aspects of the commission's program. In quantities of 10,000 the cost of these pamphlets would range from \$150 to \$300 each, depending upon the size, pictures used and layout. Suggested topics for brochures might include ground water resources, water rights, irrigation possibilities, small projects, Bowman-Haley project, Pembilier Project, Federal dams and reservoirs, North Dakota water resources programs. It was moved by Commissioner Math Dahl and seconded by Commissioner Gallagher that the Secretary be authorized to expend the necessary funds for brochures. Carried.

**ANTLER DAM PROJECT**

The State Water Conservation Commission has had requests from various individuals regarding the

construction of dams. Five large dams have been or are being constructed: Armourdale, Warsing, Froelich, Ellendale and Pembina. These will entail a total expenditure of \$98,500. Projects authorized by the State Water Commission to date are Sykeston, Short Creek, Walhalla Park cutoff and Glenburn water supply. These projects will total an expenditure of \$49,000. This leaves a balance in the Maintenance and Dam Fund of \$49,500. Requests for construction of dams in Lake Metigoshe, Elm Creek and Antler Creek have been received. If these are authorized

by the commission it would total an expenditure of \$45,700, leaving a balance in the Maintenance and Dam Fund of \$3,800. The Antler Dam does not impound a great deal of water but would be a source of supply for fire protection for that village as well as a site for recreation. The estimated cost of the combination bridge and dam is \$42,000, of which one-half would have to be borne by the local sponsor. The county has agreed to participate but not to the extent required to meet the \$21,000 figure. The obligation of funds in the amount of \$21,000 on the part of the commission might hurt the construction program.

It was recommended that action on the construction of Antler Dam be deferred until the village of Antler is financially able to meet its share of the project. It was moved by Commissioner Steinberger that the secretary be instructed to notify the city of Antler that the construction of Antler Dam is being deferred until the city is financially able to meet its share of the project. The motion was seconded by Commissioner Math Dahl. Carried.

#### TIOGA DAM REQUEST

A resolution, passed by the Board of City Commissioners of Tioga, was received in the office of the State Water Commission. The city is requesting the cooperation of the State Game and Fish Department and the State Water Commission in the construction of a dam near the city of Tioga. It was recommended that this request be held until a later date.

#### LAKE METIGOSHE DAM REPLACEMENT

The Oak Creek Water Conservation and Flood Control District is requesting a replacement of the Lake Metigoshe Dam. The estimated cost of this project would be \$11,000: 1/3 for the Oak Creek Water Conservation and Flood Control District; 1/3 for the Game & Fish Department; and 1/3 for the State Water Conservation Commission. It was moved by Commissioner Math Dahl and seconded by Commissioner Gallagher that the commission participate in the replacement of Lake Metigoshe on a one-third basis, not to exceed \$3,700. Carried.

#### HARVEY CITY DAM

The Wells County Water Conservation and Flood Control District is requesting that the height of the Harvey Dam be raised a total of 6 feet. The estimated cost of the survey for this proposal is between \$1100 and \$1500. The flood control district has deposited \$200 for the survey. It was moved by Commissioner Math Dahl and seconded by Commissioner Corwin that the State Water Conservation Commission be authorized to expend \$1000 on the survey pertaining to the raising of the Harvey Dam. If there is any indication that the Federal Government may be involved the project is to be turned over to them. Carried.

#### GAME & FISH DEPARTMENT MEMORANDUM AGREEMENT

A proposed memorandum of agreement with the Game and Fish Department concerning the construction and maintenance of dams was given to each commission member. It was recommended that the commission members study this agreement and make suggestions at the next commission meeting.

#### BIDS ON VEHICLE INSURANCE

In November the vehicle insurance will have to be renewed. The recommendation of the commission was to let bids to the various insurance companies throughout the state. It was moved by Commissioner Gallagher and seconded by Commissioner Math Dahl that the State Water Conservation Commission call for bids on vehicle insurance for the ensuing year. Carried.

MEETING BETWEEN THE  
MINNESOTA DEPARTMENT  
OF CONSERVATION AND  
THE STATE WATER  
COMMISSION

A meeting was held in St. Paul with Mr. Prout of the Minnesota Department of Conservation and Messrs Frelsen and Williams and Secretary Hoisveen pertaining to a joint meeting of these boards in November on the Red River Development. A tentative agenda was proposed. The meeting

has been set for November 15 at Fargo. A meeting of the Commission will be scheduled for that date in order that this matter and other business may be considered.

WATER RIGHTS

#916

The Patterson Land Company, Bismarck, is requesting the right to divert 270 acre-feet of water from Horseshoe Lake to irrigate 135 acres.

Letters were received from the State Game and Fish Department and North Dakota Wildlife Federation objecting to the issuing of this water right.

The commission members were of the opinion that a policy should be formulated whereby precedence was given to human life rather than to wildlife. It was recommended that the use of the water should be restricted, that bench marks should be installed and when the water reaches a certain level no more water is to be removed from the lake for irrigation purposes. It was recommended that the Patterson Land Company get together with the Game and Fish Department, and with the Chief Engineer of the Water Commission who is to act as moderator, and decide how much water should be taken from the lake through the use of bench marks system. It was moved by Commissioner Corwin and seconded by Commissioner Math Dahl that the Patterson Land Company be granted the right to divert 135 acre-feet of water from Horseshoe Lake to irrigate 135 acres; that the Secretary confer with the Game and Fish Department and establish bench marks at which point no water should be removed; that Mr. Duemeland be advised that he should not use the water because it is unsuitable. Carried.

Commissioner Gallagher was of the opinion that the Commission should not give up its jurisdiction or responsibility to the Game and Fish Department; that the farmers in the area are entitled to the water rather than the wildlife and the Chief Engineer should make the final determination of the bench level, if necessary.

#896

Chas. Henderson, LaMoure requests the right to divert 575 acre-feet of water from the James River to irrigate 287.5 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Chas. Henderson be granted the right to divert 80 acre-feet of water from the James River for 80 acres. No diversion to be allowed when natural flow in river is less than 5.0 c.f.s. Permit to be invalid if Garrison Diversion water is available for this land. Carried.

#915

Melvin Schenstad of Hanks requests the right to divert the maximum flow of the stream from Unnamed Stream, tributary to Unnamed Lake, not to exceed 40 acre-feet to irrigate 20 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Melvin Schenstad be granted the right to divert 20 acre-feet from Unnamed Stream to irrigate 20 acres. Carried.

- 917 Jacob Heinle, Richardton, requests the right to divert 32 acre-feet of water from Dry Run, tributary to Spring Creek, tributary to Heart River to irrigate 24 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Jacob Heinle be granted the right to divert 24 acre-feet from Dry Run Creek to irrigate 24 acres, subject to the approval of the U. S. Bureau of Reclamation. Carried.
- #918 Minot Special School District #1, Minot, requests the right to divert 26 acre-feet of water from the Mouse River to irrigate 13.7 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Minot Special School District #1 be granted the right to divert 13 acre-feet of water to irrigate 13 acres, subject to the rights heretofore granted. Carried.
- #919 Village of Tolna requests the right to divert 112 acre-feet of water from underground sources for municipal purposes. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that the Village of Tolna be granted the right to divert 112 acre-feet from underground sources for municipal purposes. Carried.
- #921 Southwest Fargo, requests the right to divert 2190 acre-feet from the Sheyenne River, 954 acre-feet from Baldhill Dam and 1460 acre-feet from wells, a total of 4604 acre-feet for municipal purposes. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that the city of Southwest Fargo be granted the right to divert a total of 4604 acre-feet of water for municipal purposes. Carried.
- #922 John Storseth, Grenora, requests the right to divert 25 acre-feet of water from Unnamed Stream tributary to Unnamed Swamp to irrigate 25 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that John Storseth be granted the right to divert 25 acre-feet of water from Unnamed Stream to irrigate 25 acres, provided the irrigation does not deny water for downstream owners. Carried.
- #923 N. D. Game & Fish Department, Bismarck, requests the right to divert 1130 acre-feet storage, 300 acre-feet maximum use from Unnamed Coulee, tributary to Mauvais Coulee (Armourdale Dam) for recreational purposes. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that the Game & Fish Department be granted the right to divert 1130 acre-feet storage and 135 acre-feet annual use from Unnamed Coulee for recreational purposes. Carried.
- #924 N. D. Game & Fish Department, Bismarck, requests the right to divert 480 acre-feet storage and 200 acre-feet maximum annual use from Unnamed Stream tributary to Sheyenne River (Warsing Dam) for recreational purposes. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that N. D. Game and Fish Department be granted the right to divert 480 acre-feet storage and 200 acre-feet annual use for recreational purposes. Carried.

#925 John L. Quinnell, Sidney, Montana, requests the right to divert 30 acre-feet of water from Dry Run Creek, tributary to Bennie Pierre, to irrigate 26.3 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that John L. Quinnell be granted the right to divert 26.3 acre-feet of water from Dry Run Creek to irrigate 26.3 acres of land. Carried.

#926 U. S. Fish and Wildlife (Sport Fisheries) of Minneapolis, Minnesota requests the right to divert 5150 acre-feet of water from the Missouri River (Garrison Reservoir) for a fish hatchery. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that the U. S. Fish and Wildlife Service be granted the right to divert 5150 acre-feet annual diversion and 100 acre-feet annual use from the Missouri River (Garrison Reservoir) for a fish hatchery. Carried.

#930 Gene McCormick, Bismarck, requests the right to divert 590 acre-feet of water from the Missouri River to irrigate 269.7 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Gene McCormick be granted the right to divert 539 acre-feet of water from the Missouri River to irrigate 269.7 acres. This permit does not give the right to convey water across land belonging to others. Carried.

#931 Walter Small, Bismarck, requests the right to divert 640 acre-feet of water from the Missouri River to irrigate 382.5 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Walter Small be granted the right to divert 640 acre-feet of water from the Missouri River to irrigate 382.5 acres. This permit does not give the right to convey water across the land belonging to others. Carried.

#932 Ernest Leland, Sidney, Montana, requests the right to divert 279 acre-feet of water from Hay Creek Draw, tributary to the Little Missouri to irrigate 139.5 acres. It was moved by Commissioner Math Dahl and seconded by Commissioner Einar Dahl that Ernest Leland be granted the right to divert 139.5 Acre-feet of water from Hay Creek Draw to irrigate 139.5 acres, provided flows needed for downstream users are not stopped. Carried.

There being no further business, the meeting  
adjourned at 2:40 p.m.

Respectfully submitted,

Mulo W. Hovinen  
Secretary

ATTEST:

William L. Gray  
Governor

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

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	SEP' 61	UNEXPENDED	ENCUMD.	UNENCUMD.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	283.02	65.77	5,716.98	64.00	5,652.98
2. ADMINISTRATION	62,000.00	375.01	6,372.11	2,315.22	56,002.90	1,010.28	54,992.62
3. MAINTENANCE OF DAMS	150,000.00	612.97	35,690.74	17,784.49	114,922.23	4,510.76	110,411.47
4. INT'L & INTERSTATE EXP	10,000.00	.00	400.65	370.54	9,599.35	.00	9,599.35
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	.00	.00	30,000.00	30,000.00	.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	.00	.00	.00	27,500.00	16,000.00	11,500.00
7. ENGR & GEOL SURVEYS, USGS	50,000.00	7,500.00	6,401.35	2,694.59	51,098.65	17,510.00	33,588.65
8. COOP WITH U. S. DEPT, ETC	60,000.00	.00	3,902.20	1,579.57	56,097.80	.00	56,097.80
9. ENGINEERING INVESTIGATIONS	145,000.00	1,400.00	13,715.06	5,149.54	132,684.94	142.21	132,542.73
10. ADM OF WATER RIGHTS	10,000.00	.00	3,715.41	1,224.03	6,284.59	.00	6,284.59
	<u>550,500.00</u>	<u>9,987.98</u>	<u>70,430.54</u>	<u>31,183.75</u>	<u>489,907.44</u>	<u>69,237.25</u>	<u>420,670.19</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
STATUS OF CONTINUING APPROPRIATIONS  
AS OF SEPTEMBER 30, 1961

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	SEP' 61	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE "CARRIED FORWARD"	300,000.00 163,583.61	7,907.51	5,250.09	557.80	466,241.03	150,397.17	315,843.86
21. CONST BOND GUARANTEE	90,000.00	12,645.09	20,539.00	.00	32,106.09	.00	82,106.09
22. SHOP BUILDING - SPECIAL	30,000.00	.00	24,196.57	4,915.58	5,803.43	1,620.40	4,183.03

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, 1957. 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 AMOUNT	TOTAL INCOME ANTICIPATED
U. S. SERIES G BONDS	3-62	2.50%	\$ 62.50	\$5,000.00	\$5,062.50
U. S. SERIES K BONDS	5-65	2.76%	165.60	1,500.00	1,665.60
U. S. SERIES K BONDS	4-67	2.76%	331.20	2,000.00	2,331.20
U. S. TREASURY BONDS	12-68	2.50%	562.50	3,000.00	3,562.50
SIOUX IRRIG DISTRICT BONDS	1984 SERIALY	2.25%	5,332.50	17,500.00	22,832.50
			\$6,454.30	\$29,000.00	\$35,454.30
THE CONSTRUCTION BOND GUARANTEE FUND WILL ATTAIN ITS ORIGINAL CASH LEVEL OF \$90,000 IN 1964 AT WHICH TIME LEGISLATIVE ACTION WILL BE REQUIRED TO DETERMINE DISPOSITION OF THE FUNDS RECEIVED IN EXCESS OF THE ORIGINAL APPROPRIATION AS NOTED IN THE OPINION OF THE ATTORNEY GENERAL, DATED JANUARY 2, 1958.			FUND BALANCE . . . . .		82,106.09
			LESS ORIGINAL APPROPRIATION . . . . .		-90,000.00
			EXCESS . . . . .		\$27,560.39

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF SEPTEMBER 30, 1961  
 1959 - 1961 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	SEP'61	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	5,448.53	.00	551.47	222.00	329.47
2. ADMINISTRATION	49,200.00	744.38	49,602.96	765.00	341.42	335.00	6.42
3. MAINTENANCE OF DAMS	115,000.00	161,981.19	276,981.19	28,721.22	.00	.00	.00
4. INT'L & INTERSTATE EXP	10,000.00	41.93	10,026.20	.00	15.73	.00	15.73
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	29,892.01	435.72	107.99	.00	107.99
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	900.00	29,400.00	.00	.00	.00	.00
7. ENGR & GEOL SURVEYS, USGS	57,500.00	.00	57,359.37	.00	140.63	.00	140.63
8. COOP WITH U. S. DEPT	57,000.00	6.44	57,003.19	354.00	3.25	.00	3.25
9. ENGINEERING INVESTIGATIONS	138,000.00	4,742.75	142,725.08	1,655.51	17.67	17.67	.00
10. ADM OF WATER LAWS	6,000.00	.00	5,939.20	324.02	60.80	60.00	.80
11. OASIS CONTRIBUTIONS	6,500.00	2,957.83	9,083.17	.00	374.66	46.86	327.80
	<u>502,700.00</u>	<u>171,374.52</u>	<u>672,460.90</u>	<u>32,255.47</u>	<u>1,613.62</u>	<u>681.53</u>	<u>932.09</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
PAYROLL - SEPTEMBER 30, 1961

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY SEP' 61	WITH. TAX	SOC. SEC.	HOSP. INS	BONDS ETC	NET PAY
HOISVEEN MILO W.	STATE ENGR	O-9	INC JUL' 61	950.67	139.20			18.75	792.72
ANDERSON, LARRY	RODMAN	D-9	INC JUL' 61	206.67	27.10	6.20			173.37
DAESLER, GORDON	DRAFTSMAN	G-4	INC JUN' 61	399.67	51.30	11.99			336.38
BARES, KATHLEEN	TYPIST	D-8	STA JUN' 61	201.67	26.40	6.05			169.22
BISCHOF, DON	ENGR AID	F-2	RES SEP' 61	277.27	39.70	8.32			229.25
COOPER, VERNON S.	ASST SECY	1/2M-7	INC JUL' 61	393.84	71.30	11.82	20.45		290.27
ENGSTROM, VIRGLE	RODMAN	D-8	STA AUG' 61	227.97	30.00	6.34			191.13
FREDRICKSON, FRED	COORDINATOR	G-6	INC JUL' 61	421.67	47.40	12.65			361.62
GEHRING, EDNA	FILE CLERK	C-8	INC JUL' 61	231.92	41.40	6.96	3.20		175.36
GRINDBERG, ALAN	ENGINEER	K-3	INC JUL' 61	600.67	111.60	4.31		135.00	349.76
HILAND, LEONE	CH STENO	F-7	INC JUL' 61	373.67	47.00	11.21	3.20		307.26
JOHNSON, LLOYD	FOREMAN	I-5	STA AUG' 61	525.00	75.40	15.75			433.85
KNUTSON, LEWIS	DRILLER	G-3	INC AUG' 61	388.67	39.30	11.66			337.21
MOSER, IRVIN	RODMAN	C-5	INC JUL' 61	214.67	23.50	6.44			179.73
NELSON, C. P.	ENGINEER	K-4	INC JUL' 61	617.67	81.60				536.07
PEDERSON, GARY	ENGR AID	1/2D-8	STA JUN' 61	126.04	12.70	3.78			109.56
PUTZ, ROY	OFF ASST	D-7	INC JUL' 61	196.67	15.60	5.90	8.20		166.97
REITER, DANIEL	FOREMAN	G-7	INC MAY' 61	432.67	37.40	12.98	20.45	18.75	343.09
RIVINIUS, MERRIL	ENGINEER	H-8	STA FEB' 61	504.17	81.30	15.13	8.45		398.79
SACKMAN, EUGENE	INST MAN	G-2	INC JUL' 61	377.67	18.40	11.33	20.45		327.49
SANDWICK, HAZEN	ENGINEER	K-8	INC JUL' 61	685.67	76.00		20.45	37.50	551.72
SCHMID, ROGER	GEOLOGIST	F-10	STA MAR' 61	402.17	43.30	12.07			346.30
SCHULZ, DELTON	ENGINEER	H-8	STA JUL' 61	500.00	81.30	15.00		40.00	363.20
SCHULZ, JIM	ACCOUNTANT	H-4	INC JUN' 61	454.17	51.00	13.63			389.54
SCHWINKENDORF, DON	INST MAN	E-10	INC AUG' 61	338.67	51.20	10.16			277.31
WALTERSON, HOWARD	FOREMAN	G-7	INC MAY' 61	432.67	57.40	12.98	20.45		341.84
WALTERSON, JEAN	DRAFTSMAN	E-3	INC FEB' 61	282.67	31.10	8.48			243.09
				10,764.94	1,415.90	241.64	135.30	250.00	8,722.10

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
PAYROLL - SEPTEMBER 30, 1961

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY SEP' 61	WITH. TAX	SOC. SEC.	MISC.	NET PAY
DEATY, LESTER	DRILLER	1.75	INC MAY' 61	409.50	61.80	12.29		335.41
DERGAN, LESLIE	LADORER	1.50	STA AUG' 61	324.00	49.40	9.73		264.87
DURKHARTSMEIER, G.	OPERATOR	1.75	INC JUL' 61	413.40	61.10	12.41		339.89
GOODON, ERNEST	LADORER	1.25	STA SEP' 61	70.00		2.10		67.90
HANSON, FLETCHER	LADORER	1.50	STA AUG' 61	199.50	15.00	5.98		178.52
JOHNSON, GEORGE	OPERATOR	2.00	INC APR' 61	459.00	69.90	13.77		375.33
KNUTSON, LANNY	ASST DRILLER	1.75	STA AUG' 61	401.64	62.60	12.05		326.99
LUND, PALMER	LADORER	1.50	RES SEP' 61	294.75	16.20	8.85		269.70
MCNURLIN, MARTIN	LADORER	1.50	STA AUG' 61	324.00	31.00	9.73		283.27
MEHLHOFF, RONALD	LADORER	1.50	STA AUG' 61	180.00	12.30	5.40		162.30
MEYER, EDWIN	LADORER	1.50	STA AUG' 61	279.75	10.50	8.40		260.85
NEWGARD, DENNIS	OPERATOR	1.95	INC APR' 61	459.24	48.00	13.78		397.46
NORENBERG, KEN	LADORER	1.50	STA SEP' 61	65.25	9.40	1.96		53.89
PETERSON, JOHN	OPERATOR	2.00	INC APR' 61	471.00	73.50	14.13		383.37
PETERSON, PADDY	LADORER	1.50	STA AUG' 61	184.50	13.00	5.52		165.98
RUFF, FILLMORE	ASST DRILLER	1.60	STA JUN' 61	371.20	55.70	11.14		304.36
SCHAAN, EDWARD	LADORER	1.75	RES AUG' 61	154.88	23.10	4.65		127.13
SCHWEIGERT, CALVIN	OPERATOR	1.70	INC AUG' 61	332.35	51.10	9.97		271.28
SENGER, ANTON	LADORER	1.65	STA AUG' 61	337.43	14.60	10.12	50.62	262.09
VOELLER, PIUS	OPERATOR	2.00	INC JUL' 61	424.00	7.20	12.72		404.08
				6,155.39	685.40	184.70	.00	5,234.67

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

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	OCT '61	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	373.71	90.69	5,626.29	473.18	5,153.11
2. ADMINISTRATION	62,000.00	421.91	10,115.16	3,743.05	52,306.75	541.35	51,764.90
3. MAINTENANCE OF DAMS	150,000.00	685.97	34,333.59	40,642.85	66,352.38	16,471.04	49,881.34
4. INT'L & INTERSTATE EXP	10,000.00	.00	400.65	.00	9,599.35	210.20	9,389.15
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	.00	.00	30,000.00	30,000.00	.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	.00	.00	.00	27,500.00	16,000.00	11,500.00
7. ENGR & GEOL SURVEYS, USGS	50,000.00	14,500.00	6,760.98	2,359.63	57,739.02	19,653.95	38,085.07
8. COOP WITH U. S. DEPT, ETC	60,000.00	.00	5,240.12	1,337.92	54,759.88	833.18	53,926.70
9. ENGINEERING INVESTIGATIONS	145,000.00	1,400.00	19,507.52	5,792.56	126,892.38	1,214.25	125,678.13
10. ADM OF WATER RIGHTS	10,000.00	.00	3,715.41	.00	6,284.59	.00	6,284.59
	<u>550,500.00</u>	<u>19,007.88</u>	<u>132,447.24</u>	<u>61,966.70</u>	<u>437,060.64</u>	<u>85,397.65</u>	<u>351,662.99</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
STATUS OF CONTINUING APPROPRIATIONS  
AS OF OCTOBER 31, 1961

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	OCT '61	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE "CARRIED FORWARD"	300,000.00 163,583.61	9,610.73	5,338.39	588.30	467,355.95	100,326.00	279,029.95
21. CONST BOND GUARANTEE	90,000.00	12,672.69	20,539.00	.00	62,133.69	.00	32,133.69
22. SHOP BUILDING -SPECIAL	30,000.00	.00	24,321.77	125.20	5,678.23	2,943.46	2,734.77

NOTE- FUND #21 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, 1957. 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 AMOUNT	TOTAL INCOME ANTICIPATED
U. S. SERIES G BONDS	3-62	2.50%	\$ 62.50	\$5,000.00	\$5,062.50
U. S. SERIES K BONDS	5-65	2.76%	165.60	1,500.00	1,665.60
U. S. SERIES K BONDS	4-67	2.76%	303.60	2,000.00	2,303.60
U. S. TREASURY BONDS	12-68	2.50%	562.50	3,000.00	3,562.50
SIoux IRRIG DISTRICT BONDS	1984 SERIALY	2.25%	5,332.50	17,500.00	22,832.50
THE CONSTRUCTION BOND GUARANTEE FUND WILL ATTAIN ITS ORIGINAL CASH LEVEL OF \$90,000 IN 1964 AT WHICH TIME LEGISLATIVE ACTION WILL BE REQUIRED TO DETERMINE DISPOSITION OF THE FUNDS RECEIVED IN EXCESS OF THE ORIGINAL APPROPRIATION AS NOTED IN THE OPINION OF THE ATTORNEY GENERAL, DATED JANUARY 2, 1958.			\$6,426.70	\$29,000.00	\$35,426.70
			FUND BALANCE . . . . .		82,133.69
			LESS ORIGINAL APPROPRIATION . . . . .		117,560.39
			EXCESS . . . . .		<u>27,560.39</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF OCTOBER 31, 1961  
 1959 - 1961 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	OCT '61	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXP	6,000.00	.00	5,448.53	.00	551.47	222.00	329.47
2. ADMINISTRATION	49,200.00	744.38	49,602.96	.00	341.42	335.00	6.42
3. MAINTENANCE OF DAMS	115,000.00	131,981.19	276,981.19	.00	.00	.00	.00
4. INT'L & INTERSTATE EXP	10,000.00	41.93	10,026.20	.00	15.73	.00	15.73
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	29,892.01	.00	107.99	.00	107.99
6. HYDROGRAPHIC SURVEYS	27,500.00	900.00	28,400.00	.00	.00	.00	.00
7. ENGR & GEOL SURVEYS	57,500.00	.00	57,359.37	.00	140.63	.00	140.63
8. COOP WITH U. S. DEPT	57,000.00	6.44	57,003.19	.00	3.25	.00	3.25
9. ENGINEERING INVESTIGATIONS	130,000.00	4,742.75	132,725.08	.00	17.67	17.67	.00
10. ADM OF WATER LAWS	6,000.00	.00	5,939.20	.00	60.80	60.00	.80
11. OASIS CONTRIBUTIONS	6,500.00	2,957.83	9,131.43	48.26	326.40	.00	326.40
	<u>502,700.00</u>	<u>171,374.52</u>	<u>672,509.16</u>	<u>48.26</u>	<u>1,565.36</u>	<u>634.67</u>	<u>930.69</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
PAYROLL - OCTOBER 31, 1961

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY OCT '61	WITH. TAX	SOC. SEC.	HOSP. INS	BONDS ETC	NET PAY
HOISVEEN, MILO W.	STATE ENGR	O-9	INC JUL '61	950.67	139.20			18.75	792.72
ANDERSON, LARRY	RODMAN	D-9	INC JUL '61	206.67	27.10	6.20			173.37
DAESLER, GORDON	DRAFTSMAN	G-4	INC JUN '61	399.67	51.30	11.99			336.38
DARES, KATHLEEN	TYPIST	D-8	STA JUN '61	201.67	26.40	6.05			169.22
DEATTY, LESTER	DRILLER	E-5	PER OCT '61	458.56	67.30	13.76			377.00
COOPER, VERNON S.	ASST SECY	2M-7	INC JUL '61	393.94	71.30	11.82	20.45		290.27
ENGSTROM, VIRGLE	RODMAN	D-8	STA AUG '61	201.67	26.40	6.05			169.22
FREDRICKSON, FRED	COORDINATOR	G-6	INC JUL '61	421.67	47.40	12.65			361.62
GEHRING, EDNA	FILE CLERK	C-8	INC JUL '61	231.92	41.40	6.96	8.05		175.51
GRINDERG, ALAN	ENGINEER	K-3	INC JUL '61	600.67	111.60			135.00	354.07
HILAND, LEONE	CH STENO	F-7	INC JUL '61	373.67	47.00	11.21	8.35		307.11
JOHNSON, LLOYD	FOREMAN	I-5	STA AUG '61	525.00	75.40	15.75			433.85
KNUTSON, LEWIS	DRILLER	G-3	INC AUG '61	388.67	39.80	11.66			337.21
MOSER, IRVIN	RODMAN	C-5	INC NOV '61	214.67	28.50	6.44			179.73
NELSON, C. P.	ENGINEER	K-4	INC JUL '61	617.67	81.60				536.07
PEDERSON, GARY	ENGR AID	1D-8	STA JUN '61	100.84	8.40	3.03			89.41
PUTZ, ROY	OFF ASST	D-7	INC JUL '61	196.67	15.60	5.90	8.20		166.97
REITER, DANIEL	FOREMAN	G-7	INC MAY '61	432.67	37.40	12.98	20.45	18.75	343.09
RIVINIUS, MERRIL	ENGINEER	H-10	INC OCT '61	529.17	85.40	15.88	8.45		419.44
SACKMAN, EUGENE	INST MAN	G-2	INC JUL '61	377.67	18.40	11.33	20.45		327.49
SANDWICK, HAZEN	ENGINEER	K-8	INC JUL '61	685.67	76.00		20.45	37.50	551.72
SCHMID, ROGER	GEOLOGIST	F-10	STA MAR '61	402.17	43.80	12.07			346.30
SCHULZ, DELTON	ENGINEER	H-8	STA JUL '61	500.00	81.30	15.00		75.00	328.20
SCHULZ, JIM	ACCOUNTANT	H-4	INC JUN '61	454.17	51.00	13.63			389.54
SCHWINKENDORF, DON	INST MAN	E-10	INCAUG '61	338.67	51.20	10.16			277.31
WALTERSON, HOWARD	FOREMAN	G-7	INC MAY '61	432.67	57.40	12.98	20.45		341.84
WALTERSON, JEAN	DRAFTSMAN	E-3	INC FED '61	282.67	31.10	8.48			243.09
				10,919.73	1,439.70	241.98	135.30	285.00	8,317.75

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
PAYROLL - OCTOBER 31, 1961

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY OCT' 61	WITH. TAX	SOC. SEC.	MISC	NET PAY
DERGAN, LESLIE	LABORER	1.50	RES OCT' 61	306.40	45.30	9.19		251.41
DURKHARTSMEIER, G.	OPERATOR	1.80	INC SEP' 61	353.70	54.90	10.61		288.19
COOK, JOHN	LABORER	1.25	RES SEP' 61	104.13	9.60	3.13	15.62	75.73
HANSON, FLETCHER	LABORER	1.50	RES OCT' 61	270.00	21.20	8.11		240.69
JOHNSON, GEORGE	OPERATOR	2.00	INC APR' 61	400.00	64.15	12.24		331.61
KNUTSON, LANNY	ASST DRILLER	1.85	INC OCT' 61	376.48	58.70	11.30		306.48
MCNURLIN, MARTIN	LABORER	1.60	RES OCT' 61	306.40	27.30	9.19		269.91
MEHLHOFF, RONALD	LABORER	1.50	RES OCT' 61	268.50	20.10	8.06		240.34
MEYER, EDWIN	LABORER	1.60	INC OCT' 61	304.30	12.40	9.13		282.77
NEWGARD, DENNIS	OPERATOR	1.95	INC APR' 61	406.59	44.35	12.20		350.04
NORENBERG, KEN	LABORER	1.60	INC SEP' 61	319.25	48.50	9.58		261.17
PETERSON, JOHN	OPERATOR	2.00	INC APR' 61	369.00	54.40	11.07		303.53
PETERSON, PADDY	LABORER	1.50	RES OCT' 61	279.00	21.90	8.37		248.73
RUFF, FILLMORE	ASST DRILLER	1.60	RES OCT' 61	203.00	30.80	6.24		170.96
SENGER, ANTON	OPERATOR	2.00	INC OCT' 61	376.28	21.00	11.29	41.54	302.45
TROTTER, RICHARD	LABORER	1.65	RES OCT' 61	136.13	20.00	4.09		112.04
VOELLER, PIUS	OPERATOR	2.00	INC JUL' 61	416.00	4.50	12.48		399.02
WALLIN, PAUL	LABORER	1.50	RES SEP' 61	11.25		.34		10.91
				5,219.41	559.60	156.62	.00	4,446.03