

ORDINANCE NO. 8-8007

AN ORDINANCE ESTABLISHING RATES AND CHARGES FOR THE
USE AND SERVICE OF THE WASTEWATER FACILITIES
FOR THE
CITY OF BELGRADE, MINNESOTA

The City Council of the City of Belgrade, Minnesota, hereby ordains:

SECTION 1 - DEFINITIONS

Subdivision 1. Accounts shall mean the following separate and distinct accounts.

(1) "Operation, Maintenance and Replacement Account" is an amount sufficient to pay the reasonable expenses of the routine operation and maintenance of the wastewater treatment facilities and also represents the accumulated funds to be used for replacements and repairs to the system in order to maintain the system at design capacity for its useful life. (2) "Bond Account" represents an amount for paying the maturing principal and interest accruing on all bonds.

Subdivision 2. "Act" shall mean the Federal Water Pollution Control Act as amended October 18, 1972, Public Law 92-500.

Subdivision 3. "Administrator" shall mean the administration of the U.S. Environmental Protection Agency.

Subdivision 4. "Apartments" shall be defined as structures containing two or more dwelling units.

Subdivision 5. "Average domestic waste" shall have BOD₅ and suspended solids concentrations of 200 and 250 mg/l respectively, and shall be based upon a 3 day average.

Subdivision 6. "Collector Sewer" shall mean those sewers which receive the flow from laterals and submains of the sanitary sewer system.

Subdivision 7. "Combination Commercial and Dwelling Units" shall be defined as structures containing both commercial units and dwelling units.

Subdivision 8. "Commercial Customer" ; see User - Industrial and Residential.

Subdivision 9. "Compatible pollutant" shall mean the Biochemical Oxygen Demand, Suspended Solids, pH and fecal coliform bacteria, plus additional pollutants identified in the NPDES Permit if the publicly owned treatment facilities were designed to treat such pollutants and in fact does remove such pollutants to a substantial degree. Additional compatible pollutants may include chemical oxygen demand, total organic carbon, phosphorous and phosphorous compound, nitrogen and nitrogen compounds, fats, oils and grease of animal or vegetable origin, except as prohibited under ordinances.

Subdivision 10. "Control Manhole" shall mean an observation and sampling point before the discharge to the public sewer system for use by the Superintendent. If such a point is not readily available, the first downstream public sewer system manhole shall be the control manhole.

Subdivision 11. "Debt Service" shall mean charges levied on users for repayment of principal and interest on outstanding Sewerage Revenue Bond issues.

Subdivision 12. "Depreciation"; see "Replacement".

Subdivision 13. "Director" shall mean the chief administrative officer of the Minnesota Pollution Control Agency.

Subdivision 14. "Federal Grants" shall mean a contractual obligation of the United States for the payment of the Federal share of the allowable project costs, as determined by the Regional Administrator.

Subdivision 15. "Fiscal Year" shall be the same as the calendar year.

Subdivision 16. "Interceptor Sewer" shall mean that portion of the sanitary sewer system which receives flows from laterals, submains, mains, and collector sewers and transports said flows to the wastewater treatment works.

Subdivision 17. "Major Contributing Industry" shall be an industrial user of the publicly owned treatment facilities that: (a) has a flow of 50,000 gallons or more per average workday; (b) has a flow greater than 5% of the flow carried by the municipal system receiving the wastes; (c) has in its waste a toxic pollutant in toxic amounts as defined in Standards issued under Section 307(a) of the Act; or (d) is found by the Permit Issuance Authority, in connection with the issuance of a NPDES Permit to the publicly owned treatment facilities receiving the wastes to have significant impact, either singly or in combination with other contributing industries, on that treatment facilities or upon the quality of effluent from that treatment facility.

Subdivision 18. "Milligrams Per Liter (mg/l)" shall be a measure of the concentration of pollutants in wastewater in terms of weight per unit volume.

Subdivision 19. "Operation, Maintenance and Replacement Costs" includes all costs necessary to provide adequate wastewater collection, transport and treatment on a continuing basis to produce effluent for discharge to the receiving waters and conform with all related Federal, State and local requirements.

Subdivision 20. "Population Equivalent" (P.E.); see "Average Domestic Wastes".

Subdivision 21. "Pretreatment" shall mean the treatment of industrial waste from privately owned industrial sources prior to introduction to a public treatment facility.

Subdivision 22. "Replacement" shall mean expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the service life of the treatment facility to maintain the capacity and performance for which such facilities were designed and constructed.

Subdivision 23. "Residential Customer"; see "User - Residential".

Subdivision 24. "Sewer Service Charge" shall be the same as Wastewater Service Charge.

Subdivision 25. "Useful Life" shall be defined as the estimated period during which a treatment facility will be operated (20 years).

Subdivision 26. "User Charge" shall mean a charge levied on users of treatment facility for the cost of operation and maintenance and replacement of such facilities, pursuant to Section 204 (b) of the Act.

Subdivision 27. "User Class" shall be the division of the wastewater users by waste characteristics, and processes or discharge similarities (example, residential, commercial, industrial, and governmental) in the User Charge System (UCS).

"Commercial User" shall mean any establishment listed in the Office of Management and Budget "Standard Industrial Classification Manual" (1972 edition) involved in a commercial enterprise, business or service which based on a determination by the City, discharges primarily segregated domestic waste or waste from sanitary conveniences.

"Governmental User" shall mean any Federal, State, or local government user of the wastewater treatment facilities.

"Industrial User" shall mean any non-governmental user of the publicly owned treatment facilities in the Standard Industrial Classification Manual (1972), Office of Management and Budget as amended and supplemented under the following divisions: Division A - Agriculture, Forestry and Fishing; Division B - Mining; Division D - Manufacturing; Division E - Transportation, Communication, Electric, Gas, and Sanitary Services; and Division I - Services.

"Institutional User" shall mean any establishment listed in the "SICM" involved in a social, charitable, religious, or educational function which, based on a determination by the City, discharges primarily segregated domestic waste or waste from sanitary conveniences.

"Residential User" shall mean a user of the treatment facilities whose premises or building is used primarily as a residence for one or more persons, including dwelling units such as detached, semi-detached, and row houses, or permanent multi-family dwellings. (Transit lodging considered commercial in nature, is not included.)

Subdivision 28. "Wastewater Service Charge" shall mean the total charge levied on users, including user charges and debt service charges.

SECTION 2 - BASIS FOR WASTEWATER SERVICE CHARGES

The wastewater service charge (CT) for the use of and for service supplied by the wastewater facilities of the City shall consist of a Base Wastewater Service Charge for the costs attributed to the treatment of Infiltration/Inflow (I/I), a Usage Service Charge for metered flow into the system, and a surcharge, if applicable. The Base Wastewater Service Charge shall be based on operation, maintenance and replacement costs plus debt service costs attributed to I/I. The Usage Service Charge shall be based on operation, maintenance, and replacement costs plus debt service costs attributed to the metered flow into the system.

The wastewater service charge shall be for wastes having the following normal concentrations:

- A) A five day, 20 degree centigrade (20 degree C) biochemical oxygen demand (BOD) of 200 mg/l.
- B) A suspended solids (SS) content of 250 mg/l.

The Sewer Service charges established in this Ordinance shall not prevent the assessment of additional charges to users who discharge wastes with concentrations greater than Normal Domestic Strength or wastes of unusual character, or contractual agreements with such users, as long as the following conditions are met:

- A) The user pays Operation, Maintenance, and Replacement costs in proportion to the user's proportionate contribution of wastewater flows and loadings to the treatment plant, and no user is charged at a rate less than that of "Normal Domestic Strength Wastewater".
- B) The measurements of such wastes are conducted according to the latest edition of Standard Methods for the Examination of Water and Wastewater in a manner acceptable to the City as provided for in Ordinance No. 8-8006^{BA} An Ordinance Establishing Sewer Use Regulations".

A study of unit costs of collection and treatment processes attributable to flow, BOD, TSS, and other significant loadings shall be developed for determining the proportionate allocation of costs to flows and loadings for users discharging wastes of greater than normal domestic strength or wastes of unusual character.

The adequacy of the wastewater service charge shall be reviewed annually by the City. The wastewater service charge shall be revised periodically to reflect a change in debt service or a change in operation and maintenance costs, including replacement costs.

SECTION 3 - MEASUREMENT OF FLOW

The volume of flow (FM) used for computing user charges and surcharges shall be the metered water consumption read to the lowest even increments of 100 gallons.

SECTION 4 - BASE USER CHARGE

An annual Base User Charge (CBU) shall be established for each user to cover costs for operation, maintenance and replacement attributed to I/I.

SECTION 5 - BASE DEBT SERVICE CHARGE

An annual Base Debt Service Charge (CBD) shall be established for each user to finance costs of bond payments for the wastewater treatment facility attributed to I/I.

SECTION 6 - OPERATION, MAINTENANCE AND REPLACEMENT CHARGE

An annual User Charge (CM) shall be established for each user to cover the costs of operation, maintenance and replacement fund for the wastewater treatment facilities of the City for actual measured flow.

SECTION 7 - DEBT SERVICE CHARGE

An annual Debt Service Charge (CD) shall be established for each user to finance costs of bond payments for the wastewater treatment facility attributed to actual measured flow.

SECTION 8 - COMPUTATION OF WASTEWATER SERVICE CHARGE

The wastewater service charge shall be computed by the following formula: The service charge can be found in Appendix B.

$$CT = CBU + CBD + (CM + CD)FM$$

Where CT = Total amount of wastewater service charge.

CBU = Base user charge.

CBD = Base debt service charge.

CM = Operation, maintenance and replacement charge.

CD = Debt service charge.

FM = Flow meter quantity.

Base Wastewater Service Charge = CBU + CBD

User Service Charge = (CM + CD)FM

SECTION 9 - GENERAL PROVISIONS

Subdivision 1. Bills - The owner of the premises shall be solely liable to pay for the service on any premises and the service is furnished to the premises by the City of Belgrade, only upon the condition that the owner of the premises is liable therefor to the City of Belgrade. All bills for service shall be rendered on a quarterly basis succeeding the period for which the service was rendered and shall be payable not later than the close of business fifteen (15) days after date of postmark which is hereinafter referred to as the "due date". When the said due date shall fall on a Sunday or a legal holiday, then such bills for service shall be due and payable no later than the close of business on the next succeeding secular day. A penalty of ten percent (10%) shall be added to all bills not paid on or before said due date.

The charges assessed users shall be established proportionately according to a base charge and billable wastewater volume. Billable wastewater volume shall be calculated as follows:

- A. Residential Users - Billable wastewater volume for residential users shall be calculated on the basis of metered water usage. The per quarter billable wastewater volume shall be equal to quarterly metered water usage as averaged between the first and last quarters of the calendar year.

The City may require residential users to install water meters for the purpose of determining billable wastewater volume.

- B. Non-Residential Users - The billable wastewater volume of non-residential users may be determined in the same manner as for residential users. Except that if the City determines that there are significant seasonal variations in the metered water usage of non-residential users resulting in a proportionate increase in wastewater volume; the billable wastewater volume shall be: 1) calculated on the basis of quarterly metered water usage as recorded throughout the year, and 2) calculated on the basis of wastewater flow meters.

The City may, at its discretion, require non-residential users to install such additional water meters or wastewater flow meters as may be necessary to determine billable wastewater volume.

Subdivision 2. Delinquent Bills - In the event the charge for service is not paid within forty-five (45) days after rendition of the bill for such service, such charges shall be deemed and are hereby declared to be delinquent.

Subdivision 3. Notice of Special Assessment of Delinquent Bills - In the event the charges for such service become delinquent, the City Clerk is authorized and directed by the City Council to cause notification to be given in writing to the owner of the premises that such delinquency exists and that a special assessment will be prepared to cover the delinquent charges with penalties.

Subdivision 4. Special Assessment of Delinquent Bills - On October 1, the City Clerk shall assemble a list of delinquent bills and instigate proceedings to collect such by special assessment proceedings against the affected property. The City Clerk is hereby authorized and directed to institute such proceedings in the name of the City against any property for which a bill has remained unpaid 90 days after it has been rendered.

Subdivision 5. Free Service - No free service of the wastewater system of the City shall be furnished to any person, firm, organization or corporation, public or private.

Subdivision 6. Rendering of Bills - It is hereby made the duty of the City Clerk of the City to render bills for sanitary sewer service and all other charges in connection therewith and to collect all moneys due thereon.

Subdivision 7. Revenues - All revenue and moneys derived from the operation of the wastewater system shall be held by the Clerk separate and apart from all other funds of the City, and all of said sum, without any deductions whatever, shall be delivered to the Treasurer not more than five (5) days after receipt of the same, or at such more frequent intervals as may be from time to time directed by the City Council.

Subdivision 8. Accounts - The Treasurer shall receive all such revenue from the wastewater system and all other funds and moneys incidental to the operation of such system as the same may be delivered to him and deposit the same in a separate fund designated as the "Wastewater Fund" of the City of Belgrade, and said Treasurer shall administer such funds in accordance with State and Federal laws. Separate accounts shall be maintained for the Operation, Maintenance and Replacement; and Debt Service.

Subdivision 9. Audit - The Treasurer shall establish a proper system of accounts and shall keep proper books, records and accounts in which complete and correct entries shall be made of all transactions relative to the wastewater system, and at regular annual intervals the City Council shall cause to be made an audit of the books to show the receipts and disbursements of the wastewater system and to analyze the results of the revenue systems and establish the cost of providing services to the various user classes. Upon conclusion of the audit, rates shall be adjusted as necessary, based on actual operating experience to maintain proportionality.

Subdivision 10. Notice of Rates - A copy of these rates properly certified by the City Treasurer, shall be submitted to each user. Annually the user shall be notified as to the method of financing the wastewater system operation, maintenance, replacement and debt service.

Subdivision 11. Penalty - Any person, firm or corporation violating any provisions of this Ordinance shall be fined not less than \$10.00 nor more than \$500.00 for each offense.

Subdivision 12. Access to Records - The Minnesota Pollution Control Agency or its authorized representative shall have access to any books, documents, papers and records of the City which are applicable to the City system of user charges for the purpose of making audit examinations, excerpts and transcriptions thereof to insure compliance with the terms of the Special and General Conditions to any State Grant.

SECTION 10 - POWERS AND AUTHORITY OF INSPECTORS

Subdivision 1. Permitted Entry for Inspection and Testing - The duly authorized employees of the City, the Minnesota Pollution Control Agency, and the U.S. Environmental Protection Agency bearing proper credentials and identification shall be admitted to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing pertinent to discharges to the wastewater facilities in accordance with the provisions of this Ordinance.

Subdivision 2. Information Relative to Industrial Processes - The Superintendent or other duly authorized employees are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source of discharge to the wastewater collection system. The industry may withhold information considered confidential. The industry must establish that the revelation to the public of the information in question might result in an advantage to competitors.

Subdivision 3. Industry Held Harmless - While performing the necessary work on private properties referred to in Subdivision 1 of this Section, the Superintendent, or duly authorized employees of the City, shall observe all safety rules applicable to the premises established by the industry, and the industry shall be held harmless for injury or death to the City employees, and the City shall indemnify the industry against loss or damage to its property by City employees and against liability claims and demands for personal injury, or property damage asserted against the industry to maintain safe conditions as required in the Ordinance.

SECTION 11 - PENALTIES

Subdivision 1. Notification of Violation - Any person found to be violating any provisions of this Ordinance shall be served by the City with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

Subdivision 2. Conviction and Fines - Any person who shall continue any violation beyond the time limit provided for in this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be fined in an amount no less than Ten Dollars (\$10.00) and not more than Five Hundred Dollars (\$500.00) for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Subdivision 3. Cost Liability to City - Any person violating any of the provisions of this Ordinance shall become liable to the City for any expense, loss or damage occasioned the City by reason of such violation.

SECTION 12 - USERS - List for residential commercial, public and institutional facilities in the City of Belgrade is attached as Appendix A.

ATTEST:

Editha Adrian
clerk

Gregory S. Bergin
Mayor

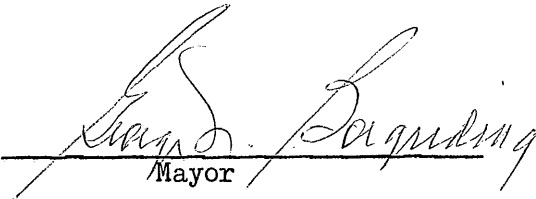
SECTION 13 - REPEAL

Ordinance No. 8-8006A, adopted February 4, 1985 and entitled "AN ORDINANCE ESTABLISHING RATES AND CHARGES FOR THE USE AND SERVICE OF THE WASTEWATER FACILITIES FOR THE CITY OF BELGRADE, MINNESOTA" is repealed.

SECTION 14 - EFFECTIVE DATE

This ordinance becomes effective from and after its passage and publication.

Passed by the council this third day of February, 1986.



Mayor

Attested:



Clerk

Published in The Observer on the 19th day of February, 1986

APPENDIX A

SEWER USER LIST

<u>Establishment</u>	<u>Number of Establishments</u>
<u>Single Residential Users</u>	236
<u>Commercial Users</u>	
Bell Apartments	1
Belgrade Bakery	1
Belgrade Co-op Service Station	1
Belgrade Ford	1
Belgrade Liquors	1
Belgrade Nursing Home	1
Belgrade Standard Station	1
Butch's Cafe	1
Cargill Incorp. Feed Mill	1
Chucks Town & Country Grocery	1
Glieden Car Wash	1
Gordhammers Meat Market	1
Ideal Cafe	1
Mahers Grocery	1
Mohs Laundry	1
Rooney Trailer Court	1
Rooney Restaurant	1
Red Onion Drive In	1
V.F.W. Club	1
Wheel Inn Motel	1
Belgrade Barber Shop	1
Belgrade Drug Store	1
Belgrade Bowling Lanes	1
Belgrade Mfg.	1
Belgrade Medical Center	1
Belgrade Soil Service	1
Belgrade Vet	1
Dr. Lyle Belling, D.D.S.	1
Bonanza Valley Diesel	1
Continental Telephone Co.	1
Coast to Coast Hardware	1
Country Crafts	1
Country Side Video	1
Fashion Flair Beauty Salon	1
Hometown Agency	1
Howards Self Service	1
Johnson Excavating	1
Johnson Funeral Home	1
Mahers Department Store	1
North American State Bank	1

<u>Establishment</u>	<u>Number of Establishments</u>
<u>Commercial Users (Cont.)</u>	
Robinson Body Shop	1
Standard Parts Store	1
The Mechanic	1
The Observer	1
Walters Hardware	1
Whitcomb Insurance	1
<u>Institutional Users</u>	
Belgrade School District	1
Stearns County Garage	1
U.S. Post Office	<u>1</u>
Total	285

BELGRADE WASTEWATER SERVICE CHARGE SYSTEM

APPENDIX B

Operation, maintenance, and replacement (O, M & R) costs and the debt retirement costs for the collection system and wastewater treatment facilities (land treatment) will be distributed proportionately to each user class in accordance to 40 CFR 35.929. The following Wastewater Service Charge System is based strictly on flow, as there are no costs directly attributable to the treatment of BOD₅ and TSS.

Three user classes will be identified for the development of the Wastewater Service Charge System: residential, general commercial, and institutional. The service charge will be based on a Base Charge and flow meter readings per user. Billings will be made quarterly.

The Wastewater Service Charge System is comprised of two major parts, the User Charge System and the Debt Retirement System. The User Charge System (UCS) is developed to generate sufficient revenues to cover the costs of operation, maintenance, equipment replacement, and administration of the treatment works. The Debt Retirement Charge is developed for the repayment of principal and interest on Sewerage Revenue Bond issues.

A Base User Charge and a Base Debt Service Charge is developed for the costs attributed to the treatment of Infiltration/Inflow (I/I). The I/I costs are assessed as a charge per connection as these costs should be distributed equally to all users. Administrative costs will also be distributed equally to all connections, and will be considered a part of the Base User Charge.

I. Annual Base Wastewater Service Charge (I/I Flows)

A. Base User Charge

1. Operation, Maintenance and Replacement Costs:

There is an estimated I/I flow of 57,000 gpd. This constitutes 40.5 percent of the present total flow. Therefore, 40.5 percent of the operation and maintenance (and replacement costs) will be distributed equally to all connections.

a. I/I Operation and Maintenance Costs: (less Admin Cost&Income)

$$\frac{\$5,712 \times 0.405}{285} = \$8.12/\text{connection}$$

b. Replacement Costs (I/I):

$$\frac{\$3,875 \times 0.405}{285} = \$5.51/\text{connection}$$

2. Administration Costs:

$$\frac{\$900}{285} = \$3.16/\text{connection}$$

3. Total Base User Charge:

\$16.79/connection/yr. or \$4.20/connection/qtr.

B. Base Debt Service Charge (I/I):

$$\frac{35,737 \times 0.405}{285} = \$50.79/\text{connection/yr. or } \$12.70/\text{connection/qtr.}$$

C. Summary of Base Wastewater Service Charge (Per Connection):

	<u>Annual</u>	<u>Quarter</u>
Base User Charge (CBU)	\$16.80	\$ 4.20
Base Debt Service Charge (CBD)	<u>50.79</u>	<u>12.70</u>
Base Wastewater Service Charge	\$67.59	\$16.90

II. Usage Service Charge based on actual flow for sewage treatment.

A. User charge for sewage treatment.

1. Per Flow Meter Readings

a. Operation and Maintenance:

$$\frac{\$5,712 \times 0.595}{4 \times 7,665 \text{ thousand gal./qtr.}} = \$0.11/1000 \text{ gallons/qtr.}$$

b. Replacement

$$\frac{\$3,875 \times 0.595}{4 \times 7,665 \text{ thousand gals./qtr.}} = \$0.08/1000 \text{ gallons/qtr.}$$

- c. Total - User Charges for Treatment per 1000 gallons:
 \$0.19/1000 gals./qtr. or \$0.76/1000 gals./yr.

B. Debt Service Charge for sewage treatment

$$\frac{\$35,737 \times 0.595}{7,665 \text{ thousand gals./qtr.} \times 4} = \$0.70/1000 \text{ gal/qtr or } \$2.80/1000 \text{ gal/yr}$$

C. Summary of the usage service charge for sewage treatment:

User Charge (CM)	\$0.19/qtr./1000 gals
Debt Service Charge (CD)	<u>0.70/qtr./1000 gals</u>
Usage Service Charge	\$0.89/qtr./1000 gals

III. Total Wastewater Service Charge:

- A. Each user will be required to pay a Base Charge of \$16.90/qtr. plus \$0.89/1000 gallons/qtr. The number of users equals 285 and estimated quarterly metered flow is 7,665,000 gallons.

B. The total estimated revenues per year are as follows:

1. Base Charge:		
285 Users x \$16.90/qtr. x 4 =		\$19,266.00
2. Metered Flow:		
7,665 thousand gallons x \$0.89/1000 gallons x 4	27,287.40	
3. Land Rental		<u>4,000.00</u>
TOTAL		\$50,553.40

C. Annual System Costs (Appendix C)

1. Operation and Maintenance Costs	\$10,612.00
2. Replacement Costs	3,875.00
3. Debt Service	<u>35,737.00</u>
TOTAL	\$50,224.00

APPENDIX C

SEWER USER LIST

I. OPERATION & MAINTENANCE COSTS

1.	Electricity		
a.	Demand - 56 KW x \$3.00/KW-month x 4 months	\$	672
b.	Consumption		
1.	Raw Sewage Lift Stations		
	50,000,000 gals./yr. 22,000 KWH x 0.04/KWH		880
2.	Irrigation Pumps 28,600 KWH x 0.04/KWH		1,144
2.	Labor - 1/3 Time Operator -- \$14,000/yr. ÷ 3 (Benefits included)		4,666
3.	Vehicles - (Proportion of Repairs & Maintenance)		
a.	Mower		300
b.	Pick-up		300
c.	Jet-truck		400
4.	Diesel Fuel (Portable Pump)		300
5.	Miscellaneous Fuel		300
6.	Schools & Training (Admin. Cost)		100
7.	Miscellaneous Parts, Supplies, Lab Services		750
8.	Insurance (Admin. Cost)		300
9.	Damage Claims (Admin. Cost)		500
	TOTAL	\$	10,612 /yr.

II. REPLACEMENT COSTS - SEWAGE FACILITIES

No.	Item	Service Life	Percent of Use	Value	Proportional Value	Annual Cost
1.	Mower	15 Yrs.	40%	\$ 15,000	\$ 6,000	\$ 400
2.	Jet Truck	15 Yrs.	100%	18,750	18,750	1,250
3.	Pumps	15 Yrs.	100%	22,500	22,500	1,500
4.	Portable Pump	20 Yrs.	100%	4,500	4,500	225
5.	Irrigator Drive Units	20 Yrs.	100%	5,000	5,000	250
6.	Misc. Repairs	20 Yrs,	100%	5,000	5,000	250
						\$ 3,875

III. DEBT SERVICE

Assume Bond Sales of \$412,000 at 7-3/4% interest for 30 years. Annual payments are as follows:

$$a = \$412,000 \times .08674 = \$35,737$$

IV. INCOME FROM LAND RENTAL

80 Acres @ \$50/acre Average Annual Rent = \$4,000/yr.

V. SUMMARY OF FINANCIAL CONDITIONS

	<u>Costs</u>	<u>Income</u>
1. Operation and Maintenance Costs	\$ 10,612	---
2. Replacement Costs	3,875	---
3. Rental of Land - 80 Acres @ \$50/Acre	<u>---</u>	<u>4,000</u>
TOTALS	\$ 14,487	\$ 4,000
User Charge Collection Requirements	\$ 10,487	
Debt Service Collection Requirements	<u>35,737</u>	
TOTAL COLLECTIONS	\$ 46,224	