

CITY OF BURLINGAME

Ordinance No. 1478

AN ORDINANCE ESTABLISHING A USER CHARGE SYSTEM IN THE CITY OF BURLINGAME, COUNTY OF OSAGE, STATE OF KANSAS TO PROVIDE FUNDS NEEDED TO PAY FOR ALL EXPENSES ASSOCIATED WITH THE CITY'S WASTEWATER TREATMENT WORKS.

WHEREAS, the City of Burlingame, Kansas, has constructed wastewater treatment works and

WHEREAS, the City must pay all expenses associated with said treatment works and charge the users of said treatment works accordingly;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL, of the City of Burlingame, Kansas, that the following user charge system be established:

ARTICLE I

It is determined and declared to be necessary and conducive to the protection of the public health, safety, welfare and convenience of the City to collect charges from all users who contribute wastewater to the City's treatment works. The proceeds of such charges so derived will be used for the purpose of operating, maintaining and retiring the debt for such public wastewater treatment works.

ARTICLE II

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

- Sec. 1: "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 C, expressed in milligrams per liter (mg/l).
- Sec. 2: "Normal Domestic Wastewater" shall mean wastewater that has a BOD concentration of not more than 250 mg/l and a suspended solids concentration of not more than 250 mg/l.
- Sec. 3: "Operation and Maintenance" shall mean all expenditures during the useful life of the treatment works for materials, labor, utilities, and other items which are necessary for managing and maintaining the sewage works to achieve the capacity and performance for which such works were designed and constructed.
- Sec. 4: "Replacement" shall mean expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the useful life of the treatment works to maintain the capacity and performance for which such works were designed and constructed. The term "operation and maintenance" includes replacement.
- Sec. 5: "Residential Contributor" shall mean any contributor to the City's treatment works whose lot, parcel of real estate, or building is used for domestic dwelling purposes only. Residential contributor shall also be defined as including individual apartment units and/or trailer houses whether they are served by individual water meters or by a common, multi-unit master meter used for domestic dwelling purposes only.
- Sec. 6: "Shall" is mandatory'; "May" is permissive.
- Sec. 7: "TSS" (denoting Total Suspended Solids) shall mean solids that either float on the surface of or are in suspension in water, sewage, or other liquids and which are removable by laboratory filtering.

Sec. 8: "Treatment Works" shall mean any devices and systems for the storage, treatment, recycling, and reclamation of municipal sewage, domestic sewage, or liquid industrial wastes. These include intercepting sewers, outfall sewers, sewage collection systems, individual systems, pumping, power, and other equipment and their appurtenances; extensions improvement, remodeling, additions and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities; and any works including site acquisition of the land that will be and integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment (including land for composting sludge, temporary storage of such composit, and land used for the storage of treated wastewater in land treatment systems before land application); or any other method or system for preventing, abating, reducing, storing, treating, separating, or disposing of municipal waste or industrial waste, including waste in combined storm water and sanitary sewer systems.

Sec. 9: "Useful Life" shall mean the estimated period during which a treatment works will be operated.

Sec.10: "User Charge" shall mean that portion of the total wastewater service charge which is levied in a proportional and adequate manner for the cost of operation, maintenance, and replacement of the wastewater treatment works.

Sec.11: "Water Meter" shall mean a water volume measuring and recording device, furnished and/or installed by the City of Burlingame or furnished and/or installed by a user and approved by the City of Burlingame.

ARTICLE III

Sec. 1: The user charge system shall generate adequate annual revenues to pay costs of annual operation and maintenance including replacement and costs associated with debt retirement of bonded capital associated with financing the treatment works which the City may by ordinance designate to be paid by the user charge system. That portion of the total user charge which is designated for operation and maintenance including replacement of the treatment works and that portion of the total user charge designated for debt retirement shall be established by this ordinance.

Sec. 2: That portion of the total user charge collected which is designated for operation and maintenance including replacement purposes as established in Article IV, shall be deposited in a separate non-lapsing fund known as the Operation, Maintenance, and Replacement Fund and will be kept in two primary accounts as follows:

- a. An account designated for the specific purpose of defraying operation and maintenance costs (excluding replacement) of the treatment works (Operation and Maintenance Account).
- b. An account designated for the specific purpose of ensuring replacement needs over the useful life of the treatment works (Replacement Account). Deposits in the replacement account shall be made at least annually from the operation, maintenance and replacement revenue in the minimum amount of \$1,300 annually.

Sec. 3: Fiscal year-end balances in the operation and maintenance account and the replacement account shall be carried over to the same accounts in the subsequent fiscal year, and shall be used for no other purposes than those designated for these accounts. Monies which have been transferred from other sources to meet temporary shortages in the operation, maintenance and replacement fund shall be returned to their respective accounts upon appropriate adjustment of the user charge rates for operation, maintenance and replacement. The user charge rates shall be adjusted such that the transferred monies will be returned to their respective accounts within the fiscal year following the fiscal year in which the monies were borrowed.

ARTICLE IV

Sec. 1: Each user shall pay for the services provided by the City based on his use of the treatment works as determined by water meters acceptable to the City.

Sec. 2: For residential contributors, monthly user charges will be based on the actual water use during the months of January, February, and March and on the average of January, February and March for the remaining nine months of the current year. If a residential contributor has not established a January, February and March average, his monthly charge shall be the median charge of all other residential contributors.

For industrial and commercial contributors, user charges shall be based on water used during the current month. If a commercial or industrial contributor has a consumptive use of water, or in some other manner uses water which is not returned to the wastewater collection system, the user charge for that contributor may be based on a wastewater meter or separate water meter installed and maintained at the contributor's expense, and in a manner acceptable to the City.

Sec. 3: (Reference is made to Appendix A of this Ordinance, 3-21-88). The minimum monthly charge and base volume (gals.) shall be;

Residential.....\$ 6.50 for 1,000 gals.
Commercial.....\$ 6.50 for 1,000 gals.
Large Commercial.....\$26.54 for 13,000 gals.

In addition, each contributor shall pay a user charge for operation, maintenance and bond retirement of \$1.67/1000 gallons. The following rate schedules indicate the incremental charges.

SCHEDULE A - Residential

<u>USER CLASS</u>		<u>BOND RATE</u>	<u>O&M RATE</u>	<u>TOTAL RATE</u>
1-1000	GALS.	\$2.60	\$3.90	\$ 6.50
1001-2000	GALS.	3.27	4.90	8.17
2001-3000	GALS.	3.94	5.90	9.84
3001-4000	GALS.	4.61	6.90	11.51
4001-5000	GALS.	5.28	7.90	13.18
5001-6000	GALS.	5.95	8.90	14.85
6001-7000	GALS.	6.62	9.90	16.52
7001-8000	GALS.	7.29	10.90	18.19
8001-9000	GALS.	7.96	11.90	19.86
9001-10000	GALS.	8.63	12.90	21.53
10001-11000	GALS.	9.30	13.90	23.20
11001-12000	GALS.*	9.97	14.90	24.87

* \$1.67 for each 1000 gallons in excess of 12,000 gallons.

SCHEDULE B - Commercial

<u>USER CLASS</u>		<u>BOND RATE</u>	<u>O&M RATE</u>	<u>TOTAL RATE</u>
1-1000	GALS.	\$ 2.60	\$3.90	\$ 6.50
1001-2000	GALS.	3.27	4.90	8.17
2001-3000	GALS.	3.94	5.90	9.84
3001-4000	GALS.	4.61	6.90	11.51
4001-5000	GALS.	5.28	7.90	13.18
5001-6000	GALS.	5.95	8.90	14.85
6001-7000	GALS.	6.62	9.90	16.52
7001-8000	GALS.	7.29	10.90	18.19
8001-9000	GALS.	7.96	11.90	19.86
9001-10000	GALS.	8.63	12.90	21.53
10001-11000	GALS.	9.30	13.90	23.20
11001-12000	GALS.*	9.97	14.90	24.87

* \$1.67 for each 1000 gallons in excess of 12,000 gallons.

SCHEDULE C - Large Commercial

<u>USER CLASS</u>		<u>BOND RATE</u>	<u>O&M RATE</u>	<u>TOTAL RATE</u>
12001-13000	GALS.	\$10.64	\$15.90	\$26.54
13001-14000	GALS.	11.31	16.90	28.21
14001-15000	GALS.	11.98	17.90	29.88
15001-16000	GALS.	12.65	18.90	31.55
16001-17000	GALS.	13.32	19.90	33.22
17001-18000	GALS.	13.99	20.90	34.89
18001-19000	GALS.	14.66	21.90	36.56
19001-20000	GALS.	15.33	22.90	38.23
20001-21000	GALS.	16.00	23.90	39.90
21001-22000	GALS.*	16.67	24.90	41.57

* \$1.67 for each 1,000 gallons in excess of 22,000 gallons

Sec. 4: (Reference is made to Appendix A). For those contributors who contribute wastewater, the strength of which is greater than normal domestic sewage, a surcharge in addition to the normal user charge will be collected. The surcharge for operation and maintenance including replacement is:

\$ 0.10 per pound BOD
\$ 0.10 per pound SS

Sec. 5: Any user which discharges any toxic pollutants which cause an increase in the cost of managing the effluent or the sludge from the City's treatment works, or any user which discharges any substance which single or by interaction with other substances causes identifiable increases in the cost of operation, maintenance, or replacement of the treatment works, shall pay for such increased costs. The charge to each such user shall be as determined by the responsible plant operating personnel and approved by the City Council.

Sec. 6: The user charge rates established in this article apply to all users, regardless of their location, of the City's treatment works.

ARTICLE V

Sec. 1: All users shall be billed monthly. Billings for any particular month shall be made within thirty days after the end of that month. Payments are due when the billings are made. Any payment not received by the 15th of the month after the billing is made shall be delinquent.

Sec. 2: A late payment penalty of five percent (5%) of the user charge bill will be added to each delinquent bill for the period of delinquency. When the bill is thirty days in default, rendition of water and/or sewer service to such premises shall be discontinued until such bill is paid following due notice and opportunity for hearing. This ordinance shall also become part of Ordinance 1438.

ARTICLE VI

Sec. 1: The City will review the user charge system at least every two years, and revise user charge rates as necessary to ensure that the system generates adequate revenues to pay the costs of operation and maintenance including replacement and that the system continues to provide for proportional distribution of operation and maintenance including replacement costs among users and user classes.

Sec. 2: The City will notify each user at least annually, in conjunction with a regular bill, of the rate being charged for operation, maintenance including replacement of the treatment works.

ARTICLE VII

This ordinance shall be in full force and effect from and after its passage and approval.

Passed by the City Council of the City of Burlingame, Kansas, this 18th day of April, 1988.

Donald W. Smith
Mayor

ATTEST:

Kenneth Rheads, City Clerk

APPENDIX "A" TO USER CHARGE ORDINANCE
(Revised 5/4/88)

This appendix presents the general methodology to be utilized in calculating user charge rates and surcharges and illustrates the calculations followed in arriving at the first year's user charges and surcharges. It also provides a rate test to determine the adequacy of the proposed user charges. The unit costs established in this appendix are based on estimates of expenses and loadings. The actual expenses and loadings that occur may differ from these estimates and certainly they will change as time passes. Therefore, the unit costs must be reestablished whenever necessary to reflect actual expenses and loadings. Once the system is in use, the expenses and loadings can be determined from operating records and the unit costs can be adjusted based on these figures.

- 1. Expenses:** The total annual expenses associated with the treatment works, as defined in Article II, Section 8, are estimated as follows:

<u>Item</u>	<u>Annual Expense</u>
Billing and collection	\$ 2,600
Administration	\$ 500
Power	\$ 5,500
Labor	\$15,000
Material Costs (Including Laboratory)	\$ 2,500
Replacement Costs (See Appendix B)	\$ 1,300
Vehicle Costs	\$ 1,500
Debt Service (Average Month)	\$26,626
Collection System	<u>\$10,000</u>
TOTAL	\$65,526

Operations/Maintenance	\$25,800
Collection/System	\$10,000
Debt Service	\$26,626
Billing, Collection and Administration	<u>\$ 3,100</u>
TOTAL	\$65,526

- 2. Distribution of O&M and Bond Costs:** The approximate distribution of O&M and Bond Costs (Debt Service) is as follows:

$$\% \text{ O\&M (Includes O\&M, Collection System, Billing, Collection and Administration)} = \frac{\$38,900}{\$65,526} = 59.4\%$$

$$\% \text{ Bond Recovery (Debt Service Only)} = \frac{\$26,626}{\$65,526} = 40.6\%$$

Based on these figures, an O&M/Bond Recovery ratio for the user charge was set at;

O&M 60%

Bond 40%

This would allow for an indication of the amount of the user charge being applied to both categories.

- 3. Estimated Loadings:** The initial, estimated treatment plant loadings are;

Hydraulic (flow).....	41,975,000 gals./yr.
BOD ₅ (Organic).....	77,560 lbs./yr.
TSS (Suspended Solids).....	77,560 lbs./yr.

- 4. Allocation of Expenses:** The total estimated annual expense has been allocated in the following three major categories;

Treatment
Collection System
Administration

The treatment category has been further allocated to reflect the proportion of expense required for the processing of flow, BOD₅ (Organic) and TSS (Suspended Solids). These allocations are;

Flow.....	40%
BOD ₅	30%
TSS.....	30%

With the above allocations, the estimated costs are as follows;

$$\begin{aligned} \text{Estimated Annual Cost} \\ \text{To Treat Flow} &= 40\% \times (\text{Total Annual Expense} - \\ &\quad \text{Collection System - Debt} \\ &\quad \text{Service, Billing/Collection/} \\ &\quad \text{Administration}) \\ &= 0.40 (65,526 - 10,000 - \\ &\quad 26,626 - 3,100) \\ &= 0.40 (\$25,800) \\ &= \$10,320 \end{aligned}$$

Estimated Annual Cost to Treat BOD₅

$$\begin{aligned}
 &= 30\% \times (\text{Total Annual Expense} - \\
 &\quad \text{Collection System- Debt} \\
 &\quad \text{Service, Billing/ Collection/} \\
 &\quad \text{Administration}) \\
 &= 0.30 (\$65,526 - \$10,000 - \\
 &\quad \$26,626 - \$3,100) \\
 &= 0.30 (\$25,800) \\
 &= \$7,740
 \end{aligned}$$

Estimated Annual Cost to Treat TSS

$$\begin{aligned}
 &= 30\% \times (\text{Total Annual Expense} - \\
 &\quad \text{Collection System-Debt} \\
 &\quad \text{Service, Billing/ Collection/} \\
 &\quad \text{Administration}) \\
 &= 0.30 (\$65,526 - \$10,000 - \\
 &\quad \$26,626 - \$3,100) \\
 &= 0.30 (\$25,800) \\
 &= \$7,740
 \end{aligned}$$

Summary:

Treatment (Flow).....	\$10,320
Treatment (BOD ₅).....	7,740
Treatment (TSS).....	7,740
Collection System.....	10,000
Administration.....	3,100
Debt Service.....	<u>26,626</u>
TOTAL	\$65,526

5. **Unit Costs:** The following unit costs have been calculated to determine minimum charge levels and differential charges resulting from increased water use and wastewater generation;

$$\begin{aligned}
 \text{Estimated unit cost for flow in } &= \frac{\text{Annual cost to treat flow}}{\text{Estimated hydraulic loading (gals./yr.)}} \\
 \$/1000 \text{ gallons} &= \frac{\$10,320}{41,975} = \$0.25/1000 \text{ gals.}
 \end{aligned}$$

Estimated unit cost for BOD₅ in \$/pound	= $\frac{\text{Annual cost to treat BOD}_5}{\text{Estimated BOD}_5 \text{ loading (lbs./yr.)}}$ = $\frac{\$ 7,740}{\$77,560} = \$0.10/1000 \text{ gals.}$
Estimated unit cost for TSS in \$/pound	= $\frac{\text{Annual cost to treat TSS}}{\text{Estimated TSS loading (lbs./yr.)}}$ = $\frac{\$ 7,740}{\$77,560} = \$0.10/1000 \text{ gals.}$
Estimated unit cost for Collection System in \$/1000 gallons	= $\frac{\text{Annual cost of Collection System}}{\text{Estimated hydraulic loading (gals./hr.)}}$ = $\frac{\$10,000}{41,975} = \$0.24/1000 \text{ gals.}$
Estimated unit cost for Administration (Administration, Billing and Collection) in \$/1000 gallons	= $\frac{\text{Annual cost for Administration}}{\text{Estimated hydraulic loading (gals.yr.)}}$ = $\frac{\$ 3,100}{41,975} = \$0.07/1000 \text{ gals.}$

- 6. Residential User Unit Charge:** The residential user unit charge is calculated as follows using the pollutant concentrations defining normal domestic wastewater in Article II, Section 2, of the ordinance.

Residential unit charge = unit flow chart + (unit BOD₅ charge)(BOD₅) (.00834) + (unit TSS charge)(TSS)(.00834) + unit collection system charge + unit administration charge

Where: Residential unit charge is in \$/1000 gallons

Unit flow charge is in \$/1000 gallons

Unit BOD₅ charge is in \$/pound BOD₅

Unit TSS charge is in \$/pound TSS

Unit collection system charge is in \$/1000 gallons

Unit Administraton charge is in \$/1000 gallons

BOD₅ is the normal domestic BOD₅ strength in milligrams per liter (mg/l) as defined in Article II, Section 2, of the ordinance.

TSS is the normal domestic TSS strength in mg/l as defined in Article II, Section 2 of the ordinance.

The unit conversion factor is .00834.

This total estimated residential unit charge is;

$$\begin{aligned}\text{Residential unit charge} &= \$0.25 + (\$0.10)(250)(.00834) + (\$0.10) \\(250)(.00834) + \$0.24 + \$0.07 &= \$0.25 + \$0.21 + \$0.21 + \$0.24 + \$0.07 \\&= \$0.98/1000 gals.\end{aligned}$$

7. **Minimum User Charge:** A base or minimum user charge has been determined as follows;

Annual billing collection and administration costs = \$ 3,100.00

Annual cost to treat infiltration/flow (assumed clear water) = unit cost to treat flow x annual infiltration/inflow 0.25×11500 (estimated) = \$ 2,875.00

Annual Debt Service (average month) = \$26,626.00

Total annual minimum cost = \$32,601.00

Minimum charge/user/(monthly) billing period
(372 residential + 36 commercial + 10 large commercial
= 418) = \$ 6.50

The minimum charge is an estimate only to establish a base for all users.

8. **Proposed Rate Structure:** A graduated rate structure was developed to recover necessary revenues to meet the estimated annual expense discussed in Sections 1-6 above. The proposed rate structure has been divided into three categories;

1. Residential
2. Commercial
3. Large Commercial

With an O&M/Bond Recovery ratio of 60%/40%, a total differential cost per 1000 gallons was determined as follows;

O&M cost = \$0.98/1000 gallons, therefore if O&M cost = 60% of the total, then the total/1000 gallons would be $\frac{\$0.98}{X} = 0.60$

$$X = \$1.63/1000 gallons$$

For ease in calculation, the O&M has been rounded up to \$1.00/1000 gallons. This yields a total differential cost of; $\frac{\$1.00}{X}$

$$X = \$1.67/1000 gallons$$

With this differential, base rates were established for the three categories. These are;

<u>RESIDENTIAL</u>	\$6.50 (base of 1000 gals.) +\$1.67/1000 gallons above the 1000 gallon minimum
<u>COMMERCIAL</u>	\$ 6.50 (Base of 1000 gals.) +\$1.67/1000 gallons above the the 1000 gallon minimum
<u>LARGE COMMERCIAL</u>	\$26.54 (Base of 12,000 gals.) +\$1.67/1000 gallons above the 13,000 gallon minimum

- 9. Revenue Test:** With any proposed rate, a revenue test must be accomplished to insure adequacy of revenue to meet estimated needs. The proposed rates indicated in Section 8 above, were applied to the average of January, February, and March 1987 user structure for the City of Burlingame. Tables 1-5 indicate the required revenue, projected revenue based on the average user structure, and a summary comparison of required revenue versus estimated revenue needs. The revenue test indicates that the proposed rate should provide a realistic level of expected funds. The use of actual water use data for January, February and March along with the average of these three months applied to the remainder of the year should provide the City with a reasonable level of funds to operate the facility and repay outstanding bonded debt.

TABLE 1
CITY OF BURLINGAME
REQUIRED REVENUES FOR
WASTEWATER TREATMENT SYSTEM

<u>ITEM</u>	<u>ESTIMATED REVENUE REQUIRED</u>
BILLING AND COLLECTION	\$ 2,600.00
ADMINISTRATION	500.00
POWER	5,500.00
LABOR	15,000.00
MATERIAL COSTS (INCLUDING LABORATORY)	2,500.00
REPLACEMENT COSTS (PUMP STATION)	1,300.00
VEHICLE COSTS	1,500.00
DEBT SERVICE (AVERAGE)	26,626.00
COLLECTION SYSTEM	<u>10,000.00</u>
TOTAL	\$65,526.00

TABLE 2
CITY OF BURLINGAME WASTEWATER USER RATES
RESIDENTIAL USERS
JANUARY, FEBRUARY, AND MARCH AVERAGE USAGE

<u>USER CLASS</u>		<u>NO. OF USERS</u>	<u>BOND RATE</u>	<u>O&M RATE</u>	<u>CLASS REVENUE</u>	<u>TOTAL RATE</u>
0-1000	GALS.	22	\$2.60	\$3.90	\$ 143.00	\$6.50
1001-2000	GALS.	123	3.27	4.90	1004.91	8.17
2001-3000	GALS.	48	3.94	5.90	472.32	9.84
3001-4000	GALS.	38	4.61	6.90	437.38	11.51
4001-5000	GALS.	43	5.28	7.90	566.74	13.18
5001-6000	GALS.	34	5.95	8.90	504.90	14.85
6001-7000	GALS.	20	6.62	9.90	330.40	16.52
7001-8000	GALS.	20	7.29	10.90	363.80	18.19
8001-9000	GALS.	12	7.96	11.90	238.32	19.86
9001-10000	GALS.	7	8.63	12.90	150.71	21.53
10001-11000	GALS.	5	9.30	13.90	116.00	23.20
11001-12000	GALS.*	2	9.97	14.90	49.74	24.87
USER TOTAL & REVENUE		374			\$4378.22	
*THREE ENTRIES ADDED ABOVE 12000 31000, 20000, 18000						
@\$1.67/1000 GALS. ADD \$55.11 TO TOTAL					\$4433.33	

TABLE 3
CITY OF BURLINGAME WASTEWATER USER RATES
COMMERCIAL USERS
JANUARY, FEBRUARY, AND MARCH AVERAGE USAGE

<u>USER CLASS</u>		<u>NO. OF USERS</u>	<u>BOND RATE</u>	<u>O&M RATE</u>	<u>CLASS REVENUE</u>	<u>TOTAL RATE</u>
0-1000	GALS.	5	\$ 2.60	\$ 3.90	\$ 32.50	\$ 6.50
1001-2000	GALS.	19	3.27	4.90	155.23	8.17
2001-3000	GALS.	3	3.94	5.90	29.52	9.84
3001-4000	GALS.	2	4.61	6.90	23.02	11.51
4001-5000	GALS.	1	5.28	7.90	13.18	13.18
5001-6000	GALS.	1	5.95	8.90	14.85	14.85
6001-7000	GALS.	1	6.62	9.90	16.52	16.52
7001-8000	GALS.	1	7.29	10.90	18.19	18.19
8001-9000	GALS.	2	7.96	11.90	39.72	19.86
9001-10000	GALS.	0	8.63	12.90	0.00	21.53
10001-11000	GALS.	1	9.30	13.90	23.20	23.20
11001-12000	GALS.	0	9.97	14.90	0.00	24.87
USER TOTAL & REVENUE		36		TOTAL REVENUE	\$365.93	

TABLE 4

**CITY OF BURLINGAME WASTEWATER USER RATES
COMMERCIAL LARGE USERS >12000 GALS.
JANUARY, FEBRUARY, AND MARCH AVERAGE USAGE**

<u>USER CLASS</u>	<u>NO. OF USERS</u>	<u>BOND RATE</u>	<u>O&M RATE</u>	<u>CLASS REVENUE</u>	<u>TOTAL RATE</u>
12001-13000 GALS.	1	\$10.64	\$15.90	\$ 26.54	\$26.54
13001-14000 GALS.	2	11.31	16.90	56.42	28.21
14001-15000 GALS.	0	11.98	17.90	0.00	29.88
15001-16000 GALS.	2	12.65	18.90	63.10	31.55
16001-17000 GALS.	0	13.32	19.90	0.00	33.22
17001-18000 GALS.	0	13.99	20.90	0.00	34.89
18001-19000 GALS.	1	14.66	21.90	36.56	36.56
19001-20000 GALS.	0	15.33	22.90	0.00	38.23
20001-21000 GALS.	1	16.00	23.90	39.90	39.90
21001-22000 GALS.	0	16.67	24.90	0.00	41.57
USER TOTAL	7				
SUBTOTAL REVENUE				\$222.52	
LARGE USERS ABOVE 22,000 GALLONS \$41.57 + \$1.67/1000 GALLONS					
SCHULYER SCHOOL				\$ 51.59	
BURLINGAME HIGH SCHOOL AND OFFICE				61.61	
SANTA FE TRAIL CARE CENTER				494.14	
TOTAL REVENUE				829.86	

TABLE 5

CITY OF BURLINGAME
WASTEWATER USER RATES (PROPOSED)
REVENUE PROJECTION

REQUIRED REVENUE

DEBT SERVICE	\$26,626.00 (AVG.)/YEAR
OPERATIONS AND MAINTENANCE	<u>38,900.00/YEAR</u>
TOTAL	\$65,526.00/YEAR
OR	\$ 5,460.50/MONTH

ESTIMATED REVENUE

RESIDENTIAL	\$ 4,433.33/MONTH
COMMERCIAL	365.93/MONTH
COMMERCIAL LARGE USERS	<u>829.86/MONTH</u>
TOTAL	\$ 5,629.12/MONTH

BASED ON THE AVERAGE OF JANUARY, FEBRUARY, AND
MARCH 1987 USER CONFIGURATION