

# DEPARTMENT OF PUBLIC WORKS

CITY OF SACRAMENTO

OFFICE OF THE DIRECTOR

May 22, 1991

CITY HALL ROOM 207 915 I STREET SACRAMENTO, CA 95814-2673

916-449-5283

ADMINISTRATION 916-449-8747

FAX 916-449-5573

City Council Sacramento, California

Honorable Members in Session:

SUBJECT:

PROPOSED SEWER SERVICE RATE ADJUSTMENT FOR FISCAL YEAR 1991-92

### SUMMARY

This report recommends adoption of a 15% revenue increase in the Sewer Fund. This revenue increase would be accomplished through a 15% increase in the residential sewer rates, a 0% increase in the commercial flat rates, and a 19.8% increase in the commercial metered rates, all to be effective July 1, 1991. This action would shift a portion of the cost burden from the commercial flat rate customers to the commercial metered rate customers in order to stem a loss of revenue resulting from the conversion of sewer services to meters. Such a shift is in line with staff studies as well as the preliminary reports from the consultant studying the City's sewer and storm drainage rates, which indicate that commercial metered sewer customers are being subsidized by other rate payers.

## BACKGROUND

Revenue from sewer service charges is the principal revenue source to the sewer fund. This fund provides for sanitary sewer service collection and maintenance and supports the Sewer Maintenance and Waste Water Disposal organizations, as well as a portion of Flood Control and Sewer Administration.

The financial condition of the Sewer Fund is heavily affected by the fact that the system is contained within fixed boundaries with little room for growth in the revenue base. Coupled with the containment problem is the age and condition of the system. Much of it was built before the end of World War II; some of it is over a century old. The implication is that the existing customers must bear increasing maintenance costs.

Another issue affecting the fund is an on-going revenue loss as sewer services are converted from flat rates to metered rates. At present, the revenue generated from metered customers does not reflect the full cost of providing the service. Preliminary data from the City's rate consultant indicates that metered customers are being subsidized by other rate payers. Staff's investigations of individual accounts confirm that conversion to a metered rate results in a lower billing from the flat rate which was billed for the same service. Therefore, staff proposes to hold the commercial flat rate constant and recover the revenue lost by this action from the metered rates classes. The overall revenue increase to the fund will remain at 15%. The

City Council Sewer Service Rate Adjustment for FY 1991-92 May 22, 1991

shift proposed for FY 1991-92 may not fully relieve the inequity; it is only an interim step pending the completion of the rate study.

The additional funds to be generated by a 15% revenue increase will maintain existing levels of service, fund the increase in the in-lieu franchise fee, and enable the Department to reduce the current backlog of corrective and preventive maintenance. The present program of installing backflow devices to prevent stormwater from flowing back into houses will be augmented slightly, as required by the Regional Water Quality Control Board, and inspection, repair, and maintenance will be speeded up on sewer mains, laterals, and maintenance holes.

The Sewer Fund will fund a portion of the eventual program to repair or replace the combined sewer/stormwater system. This rate increase contains no funding for that program.

# **FINANCIAL**

The fee for the typical 6-7 room house would be distributed as follows:

TABLE	NE: SEWER S	ERVICE COMPO	NENTS	
Service Component	Current	Proposed	\$ Change	Portion of Rate Increase
Sewer line & pump station cleaning, repair, maintenance	\$3.28	\$4.17	\$ .89	14.5%
In-lieu franchise fee*	.70	1.00	.30	4.9%
Capital Improvement Projects	1.48	1.48	.00.	0.0%
Contingency Reserve	.69	.42	27	-4.4%
Totals	\$6.15	\$7.07	\$ .92	15.0%

<sup>\*</sup> The additional \$ .30 is the equivalent of a 4.9% rate increase over the current charge. Without the change in the in-lieu franchise fee, the sewer charge for typical user would be \$6.77. Raising the in-lieu franchise fee adds 4.4% to the \$6.77.

The proposed rate increase will impact the average residential ratepayer (6-7 room house) as follows:

	TABLE TWO: TY	PICAL SEWER SER	VICE CHARGES	
Category	Current	Proposed	\$ Change	% Increase
Single Family	\$6.15	\$7.07	\$ .92	15%

Attachment A shows the proposed changes in all rate categories. Attachment B is a rate comparison chart which depicts how the City's current and proposed rates compare with the current year rates for other northern California jurisdictions.

City Council Sewer Service Rate Adjustment for FY 1991-92 May 22, 1991

The proposed rate adjustment is expected to generate \$1,110,000 in additional revenue to the Sewer Fund. Total revenue from the sewer service rates is projected to be \$8,508,000. This estimate is reflected in the proposed budget.

# **POLICY CONSIDERATIONS**

The City Council establishes sewer and storm drainage rates by resolution pursuant to Sacramento City Code 36.502, Division 1, Article V, of Chapter 36. The proposed 15% rate increase will fund existing programs as well as additional costs for the in-lieu franchise fee and a reduced backlog of inspection, corrective maintenance, and preventive maintenance. Attachment C lists the programs and services which would be impacted, and their effect on the rates, if the Council wished to reduce or eliminate the proposed rate increase.

# MBE/WBE EFFORTS

Not applicable. There are no goods or services being purchased as a direct result of this action.

# **RECOMMENDATION**

It is recommended that the City Council adopt the attached findings and approve an increase of 15% in sewer service rates to be effective July 1, 1991.

Respectfully submitted,

Melvin H. Johnson

Director of Public Works

Recommendation approved:

Walter J. Slipe City Manager

Contact Person:

Kathy Mullen, Administrative Analyst

449-8741

May 22, 1991 All Districts

# PUBLIC WORKS DEPARTMENT - SEWER SERVICES

					RATE
I.	SEWER SERVICE RATES - RESIDEN	ITIAL			CODE
	Single-family residence:	1-3 rooms	<del>-4.03 -</del>	4.64	200
		4-5 rooms	<del>-5.12-</del>	5.89	200
		6-7 rooms	<del>- 6.15-</del>	7.07	200
		8-9 rooms	<del>-7.1</del> 1-	8.18	200
		10-15 rooms	<del>-8.16-</del>	9.38	200
		over 15, each additional room	<del>57</del>	.66	200
	Multiple-family residence:	Each dwelling unit charged the same as a single-family residence			
11.	SEWER SERVICE RATES - MONTHLY	COMMERCIAL			
	Bakery, each 1,000 sq.ft. of thereof	gross floor area or fraction	10.23	10.23	230
	Barber Shop or Beauty Parlor, floor area or fraction th	• •	5.49	5.49	231
	Bowling Alley, each 1,000 sq. fraction thereof	ft. of gross floor area of	4.79	4.79	232
		restaurant, cafeteria, cafe, bar) ss floor area or fraction thereof	11.00	11.00	233
	Drug Store, each 1,000 sq.ft. thereof	of gross floor area or fraction	3.60	3.60	234

. SEWER SERVICE RATES - MONTHLY COMMERCIAL (cont.)				(
Furniture Store, each 1,000 sq.ft. of gross floor ar fraction thereof	ea or	1.18	1.18	
Garage, each 1,000 sq.ft. of gross floor area or fra thereof	ection	.97	<b>.97</b>	
Halls (including lodge or auditorium), each 1,000 so gross floor area or fraction thereof	<sub>I-</sub> ft. of	3.18	3.18	
Hotel, per sleeping room		1.09	1.09	
Laundry (where laundry is performed on premises), ea sq.ft. of gross floor area or fraction thereof	och 1,000	21.30	21.30	
Market, each 1,000 sq.ft. of gross floor area or fra thereof	ction	4.60	4.60	
Mortuary, each 1,000 sq.ft. of gross floor area or f	raction	3.02	3.02	
Motel, per sleeping room or fraction thereof		1.09	1.09	
Office Building, each 1,000 sq.ft. of gross floor ar fraction thereof	ea or	3.71	3.71	
Religious Worship (premises), each 1,000 sq.ft. of g floor area or fraction thereof	ross	1.63	1.63	
Rest or Convalescent Home, per sleeping room or frac thereof	tion	1.75	1.75	
School, each 100 pupils or fraction thereof		9.73	9.73	
Service Station and Used Car Lot (no wash racks):				
Water tap size to City main:	3/4"	5.78	5.78	
	1"	7.53	7.53	
	1 1/2" 2"	12.38 21.30	12.38 21.30	
Store, each 1,000 sq.ft. of gross floor area or frac thereof	tion	3.83	3.83	
Theater, each 1,000 sq.ft. of gross floor area or fr thereof	action	4.52	4.52	
Warehouse, each 1,000 sq.ft. of gross floor area or thereof	fraction	.92	.92	
Minimum rate, not less than:		5.75	5.75	

II. SPECIAL SEWER RATES - MC				CODE
Air Conditioning Systems				
	rate service, each month during air			
conditioning season,	per ton of system capacity:	9.17	9.17	271
With water conser	vation device:	.89	.89	272
Evaporative coolers (	(commercial establishments), for each			
month during air cond	ditioning season, unit capacity - per			
1,000 cfm, without re	circulation:	1.23	1.23	273
With water conser	rvation device, with recirculation:	.35	.35	274
Refrigeration systems	s, for systems on flat-rate service,			
per compressor horsep	xower:	9.17	9.17	275
With water conser	vation device:	.89	.89	276
Dining Facility, each 1,0	000 sq.ft. or fraction thereof	7.11	7.11	279
Gymnasium, each shower he	ead	3.29	3.29	280
Hydraulically operated el	levator	28.24	28.24	281
With water conservati	ion device	4.92	4.92	282
Swimming Pool, non-commer	rcial, per pool capacity			
Under 300 cu.ft. (fil	ll & draw)	.00	.00	
Over 300 cu.ft. (fill	l & draw), each 100 cu.ft. contents	1.18	1.18	277
Under 300 cu.ft. (fil	ltered)	.00	.00	
Over 300 cu.ft. (filt	tered), each 100 cu.ft. contents	.30	.30	278
V. MONTHLY METERED SEWER USE	E, PER 100 CU.FT.	<del>.24</del>	.29	
<del></del>				
Water Meter Size	Quantity of Sewage Allowed Without Additional Payment			
	Without Additional Payment	<del>5.75.</del>	6.89	260
5/8" x 3/4"	Without Additional Payment  1200 cu.ft., 9000 gal.	<del>5.75</del> <del>5.75</del>	6.89 6.89	260 261
	Without Additional Payment 1200 cu.ft., 9000 gal. 1700 cu.ft., 13000 gal.	<del>5.75</del>	6.89	261
5/8" x 3/4" 3/4" 1"	Without Additional Payment  1200 cu.ft., 9000 gal.  1700 cu.ft., 13000 gal.  2100 cu.ft., 16000 gal.	<del>-5.75</del> - <del>6.23</del>	6.89 7.46	261 262
5/8" x 3/4" 3/4"	Without Additional Payment  1200 cu.ft., 9000 gal.  1700 cu.ft., 13000 gal.  2100 cu.ft., 16000 gal.  3700 cu.ft., 28000 gal.	<del>-5.75</del> - <del>6.23</del> - <del>10.63</del>	6.89 7.46 12.74	261
5/8" x 3/4" 3/4" 1" 1 1/2"	Without Additional Payment  1200 cu.ft., 9000 gal.  1700 cu.ft., 13000 gal.  2100 cu.ft., 16000 gal.  3700 cu.ft., 28000 gal.  6200 cu.ft., 46000 gal.	<del>-5.75</del> <del>-6.23</del> <del>-10.63</del> <del>17.77</del>	6.89 7.46 12.74 21.29	261 262 263
5/8" x 3/4" 3/4" 1" 1 1/2" 2"	Without Additional Payment  1200 cu.ft., 9000 gal. 1700 cu.ft., 13000 gal. 2100 cu.ft., 16000 gal. 3700 cu.ft., 28000 gal. 6200 cu.ft., 46000 gal. 12500 cu.ft., 94000 gal.	<del>-5.75</del> - <del>6.23</del> - <del>10.63</del>	6.89 7.46 12.74	261 262 263 264
5/8" x 3/4" 3/4" 1" 1 1/2" 2" 3"	Without Additional Payment  1200 cu.ft., 9000 gal. 1700 cu.ft., 13000 gal. 2100 cu.ft., 16000 gal. 3700 cu.ft., 28000 gal. 6200 cu.ft., 46000 gal. 12500 cu.ft., 94000 gal.	<del>-5.75</del> - <del>6.23</del> - <del>10.63</del> <del>17.77</del> -35.45	6.89 7.46 12.74 21.29 42.47	261 262 263 264 265
5/8" x 3/4" 3/4" 1" 1 1/2" 2" 3" 4"	Without Additional Payment  1200 cu.ft., 9000 gal. 1700 cu.ft., 13000 gal. 2100 cu.ft., 16000 gal. 3700 cu.ft., 28000 gal. 6200 cu.ft., 46000 gal. 12500 cu.ft., 94000 gal. 21800 cu.ft., 163000 gal.	- <del>5.75</del> - <del>6.23</del> - <del>10.63</del> - <del>17.77</del> - <del>35.45</del> - <del>62.08</del> -	6.89 7.46 12.74 21.29 42.47 74.37	261 262 263 264 265 266
5/8" x 3/4" 3/4" 1" 1 1/2" 2" 3" 4"	Without Additional Payment  1200 cu.ft., 9000 gal. 1700 cu.ft., 13000 gal. 2100 cu.ft., 16000 gal. 3700 cu.ft., 28000 gal. 6200 cu.ft., 46000 gal. 12500 cu.ft., 94000 gal. 21800 cu.ft., 163000 gal. 50000 cu.ft., 374000 gal.	-5.75 -6.23 -10.63 -17.77 -35.45 -62.08 -124.08	6.89 7.46 12.74 21.29 42.47 74.37 148.65	261 262 263 264 265 266 267

### V. SERVICE CONNECTION TO CITY SEWER SYSTEM

Sewer service installation (total charge to be based on unit cost times one-half street width)

Nom. Dia.	Streets & Alleys	Easements
4"	91.42/ft.	382.40
Larger	4.94/2" día.	30.89/2" dia.
	increase	increase

#### Easements

City connects first pipe: Rate schedule determined by City Manager based on average cost during a reasonable past period of time. (Code Sec. 36.601, Ordinance 3454/4178)

Connection into manhole or trunk: Rate schedule determined by City Manager based on average cost during a reasonable past period of time. (Code Sec. 36.601, Ordinance 3454/4178)

City labor and materials: Average cost recovery

Reconnect following disconnection: Full cost recovery. (Code Sec. 36.703, Ordinance 3353)

Trunk connections in district parcels--North Bannon Street District only (Code Sec. 36.903, Ordinance 3711):

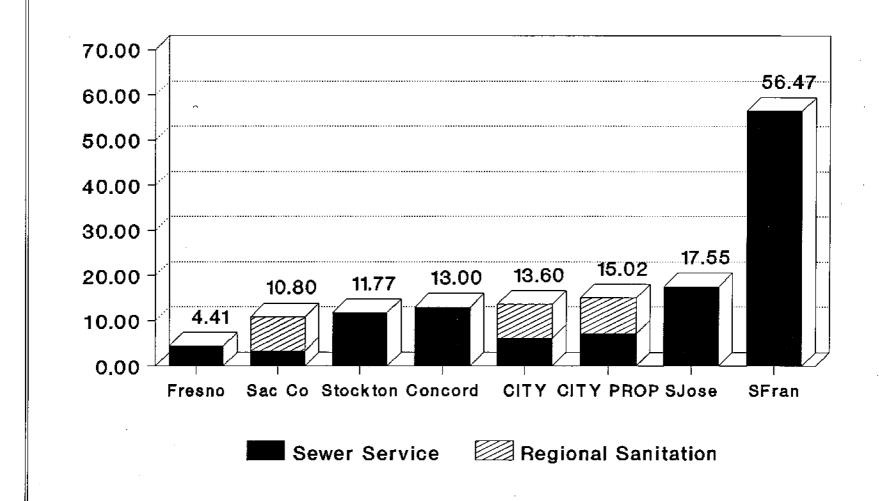
Parcel	Forced	Outfall	Area	Total
Number	Main Fee	Fee	Fee	Fee
1	1,111.70	311.48	1,831.00	3,254.18
2	193.41	54.21	578.92	826.54
3	193.41	54.21	578.92	826.54
4	193.41	54.21	578.92	826.54
5	193.41	54.21	578.92	826.54
6	193.41	54.21	578.92	826.54
7	193.41	54.21	578.92	826.54
8	193.41	54.21	578.92	826.54

# VI. SEWER SYSTEM DEVELOPMENT FEES

Size of connection:	4"	123.54
	6"	277.68
	8"	494.17
	10"	771.85
	12"	1,111.89

If the existing service is replaced by one of a larger size at the owner's request, the fee shall be equal to the difference between the fee for the original service size and that for the replacement service size in the schedule shown above.

# SEWER RATES COMPARISON 1990-91 Rates vs City Proposed Rate



# PRIORITIZED SEWER RATE IMPACT ITEMS

	Item	Description	Dollar Amount of Program	Rate Impact	Program Impact
1.	Base CIP Reserve CIP Number 888X	This project has been established in order to maintain the capital improvement program at the same level from one year to the next in those years in which the program level is lower than in the previous year.	413,000	5.6%	Reduction of this project will result in a smaller capital improvement program than in the previous year and a rate increase in subsequent years if the cost of approved projects is more than in the current year.
2.	Fiber Optic Telemetry CIP Number 105W	This project will replace standard leased telephone lines with more reliable and trouble-free fiber optic lines, which are not leased, between Sump 2, CWTP, and the CorpYard.	28,000	0.4%	Postponing funding to subsequent years will increase total project costs and delay implementation of this cost-saving project.
3.	20th St, C-N Sts Sewer Main CIP Number XD91	This project is to replace damaged combined system main on 20th St between C St and N St. Amount shown is for additional design work.	10,000	0.1%	Not funding will postpone comple- tion of design phase and delay construction.
4.	Paving & Repair Sump Grounds CIP Number XD66	This project funds pavement re- pairs on pumping stations; amount shown is one year of projects.	50,000	0.7%	Not funding delays will result in worsening conditions, possible vehicle damage, and increased cost of repair.
5.	Pump Station Radio Telemetry CIP Number XB21	This project continues work on up- grading the radio telemetry system connecting the pumps and stations to a master board.	45,000	0.6%	This project has been underway for two years; this funding would be postponed to subsequent years. Telemetry is required for system reliability.
6.	Richards Blvd Assessment District CIP Number XD01	This project funds sewer improve- ments associated with development in the Richards Blvd Assessment District.	200,000	2.7%	Defunding from this approved CIP will delay project completion; amount would have to be re-budget in out years.

# PRIORITIZED SEWER RATE IMPACT ITEMS

	<u>Trem</u>	Description	Dollar Amount of Program	Rate Impact	Program Impact
7.	Miscellaneous Sewer Improve- ments Downtown CIP Number XC41	This project funds small capital improvements in the downtown area that come to light during the year and need immediate attention.	25,000	0.3%	Funding amount is proposed to be added to carry-in from current fiscal year; not funding will reduce the number of projects or amount of work that can be performed.
8.	Miscellaneous for Wastewater Pumping Stations CIP Number XB46	This project funds emergency capital improvements or overruns on other projects.	125,000	1.7%	Representing half of the total proposed, not funding significant- ly limits the level of work that can be performed.
9.	Miscellaneous Sewer Improve- ments CIP Number XB16	This project funds emergency capital improvements or overruns on other projects.	125,000	1.7%	Representing half of the total proposed, not funding significantly limits the level of work that can be performed.
10.	Mainline Cleaning Program FTE: 8.0	This program cleans mainline sewer lines using aquatech machines and balling techniques and also perform the cockroach eradication program.	420,000	5.7%	Termination of crews will result in less frequent cleaning of lines, more line blockages and sewage backup, higher level of cockroach infestation, and more claims against the City.
11.	Electrician FTE: 1.0	The Electrician performs preven- tive and corrective maintenance on sewer pumps and sewer pumping sta- tions.	60,600	0.7%	Termination of staff person reduc- es program by 50%, leaving one Electrician to service 45 pumping stations and 99 pumps.
12.	Rodding Crew/Mainline Clean- ing FTE: 2.0	Program to clean mainlines of roots; more important in recent drought years as trees seek water in sewer lines.	125,000	1.7%	Termination of staff will require reduction of this program by 33%; current work backlog exceeds one year; there will be more line blockages.
13.	Machinist Crew FTE: 2.0	Program to corrective or unsched- uled maintenance on pumps, diesel motors, screens, lifts, and other structural components of pump sta- tions.	107,800	1.5%	Termination of crew will curtail programs by 33% and cause delays in responding to breakdowns; current backlog of work exceeds 200 days.

# PRIORITIZED SEWER RATE IMPACT ITEMS

	Etem	Description	Dollar Amount of Program	Rate Impact	Program: Empact
14.	Inflow & Infiltration Crew FTE: 2.0	This program inspects sewer lines using a television camera and seals small cracks and holes from inside using a grouting process.	200,000	2.7%	Termination of this program will result in waiting to repair such cracks until they are large enough to require emergency repairs, thereby greatly increasing costs.
15.	Station Inspection and Maintenance Program FTE: 2.0	This program comprises station cleaning, grounds maintenance, screen cleaning during storms, rain patrol inspections, and plant operations.	90,600	1.2%	Termination of staff will curtail program by 33%, increase backlog by 50%, and require use of higherpaid technicians to perform this workload.
16.	Minuteman Crew and Undergro- und Service Crew FTE: 5.0	This program responds to citizen complaints on line blockages, advises citizens on best repair if problem is on the citizen's property, and digs up and repairs laterals if blockages are in the street. Program handles 4,200 service calls in FY91.	250,000	3.4%	Termination of staff will decrease significantly the number of service calls that can be handled, increase response time, require citizens to privately contract investigative work, and require Council to change policy on servicing laterals.

# RESOLUTION NO.

ATTEST:

CITY CLERK

ADOPTED BY THE SACRAMENTO CITY COUNCIL

	ON DATE OF
	RESOLUTION OF FINDINGS ON INCREASED SEWER SERVICE FEES
WHEREAS, the City Corpresentation including a r of an increased sewer ser	uncil has held a public hearing on sewer service fees on May 22, 1991, at which staff made a eport and at which public testimony was heard and said City Council recommended adoption vice fee schedule, and
WHEREAS, the City Cou	uncil on June 25, 1991, at a regular public council meeting, received the following information:
(1) A staff repo	rt on the proposed increased sewer fees;
(2) Oral presen	tation by City staff;
(3) Public testin	nony from interested parties.
makes the following findi	sed on this data and all information part of the public record on this matter, the City Council ng to comply with Government Code Section 210809 (b)8 to establish that the passing of the ees of even date herewith serves the following purposes:
(1) The sewer f	ees will provide funds to meet operating expenses.
	ees will permit the generation of necessary cash flow to finance maintenance of the system and ial reserves requirements.
(3) The sewer f	ees will permit the purchase of necessary equipment for the sewer system.
(4) The sewer system.	fees are essential as a source of funds for capital projects necessary to maintain the sewer
NOW THEREFORE, ba specific finding contained the fees passed of even d	sed on this information and the public words, the Council of the City of Sacramento makes the herein as well as all other matters in the public record as its basis for the resolution establishing ate herewith.

FOR CITY CLERK USE ONLY

MAYOR

RESOLUTION NO.:	
DATE ADOPTED:	

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF	

RESOLUTION AMENDING THE CITY OF SACRAMENTO FEE AND CHARGE REPORT TO ESTABLISH SEWER SERVICE AND CONNECTION FEES AND CHARGES PURSUANT TO SECTION 36.502 OF THE SACRAMENTO CITY CODE

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO

That the City of Sacramento Fee and Charge Report is hereby amended to include the following sewer service and connection fees and charges to take effect on July 1, 1991.

τ.	SEWER SERVICE RATES - RESIDE	NTIAL		RATE CODE
	Single-family residence:	1-3 rooms	4.64	200
		4-5 rooms	5.89	200
		6-7 rooms	7.07	200
		8-9 rooms	8.18	200
		10-15 rooms	9.38	200
		over 15, each additional room	.66	200
	Multiple-family residence:	Each dwelling unit charged the same as a single-family residence		
11.	SEWER SERVICE RATES - MONTHL	Y COMMERCIAL		
	Bakery, each 1,000 sq.ft. of thereof	gross floor area or fraction	10.23	230
	Barber Shop or Beauty Parlor figor area or fraction t		5.49	231
	Bowling Alley, each 1,000 sq fraction thereof	.ft. of gross floor area of	4.79	232
	-	restaurant, cafeteria, cafe, bar) ss floor area or fraction thereof	11.00	233
	Drug Store, each 1,000 sq.ft thereof	. of gross floor area or fraction	3.60	234

RESOLUTION NO.:		
	· · · · · · · · · · · · · · · · · · ·	
DATE ADOPTED:	·	

Furniture Store, each 1,000 sq.ft. of gross floor area or fraction thereof	1.18	235
Garage, each 1,000 sq.ft. of gross floor area or fraction thereof	.97	236
Halls (including lodge or auditorium), each 1,000 sq.ft. of gross floor area or fraction thereof	3.18	237
Hotel, per sleeping room	1.09	238
Laundry (where laundry is performed on premises), each 1,000 sq.ft. of gross floor area or fraction thereof	21.30	239
Market, each 1,000 sq.ft. of gross floor area or fraction thereof	4.60	240
Mortuary, each 1,000 sq.ft. of gross floor area or fraction thereof	3.02	241
Motel, per sleeping room or fraction thereof	1.09	238
Office Building, each 1,000 sq.ft. of gross floor area or fraction thereof	3.71	242
Religious Worship (premises), each 1,000 sq.ft. of gross floor area or fraction thereof	1.63	243
Rest or Convalescent Home, per sleeping room or fraction thereof	1.75	244
School, each 100 pupils or fraction thereof	9.73	275
Service Station and Used Car Lot (no wash racks):		
Water tap size to City main: 3/4"	5.78	246
1"	7.53	247
1 1/2"	12.38	248
2"	21.30	249
Store, each 1,000 sq.ft. of gross floor area or fraction thereof	3.83	250
Theater, each 1,000 sq.ft. of gross floor area or fraction thereof	4.52	251
Warehouse, each 1,000 sq.ft. of gross floor area or fraction thereof	.92	252
Minimum rate, not less than:	5.75	•

RESOLUTION NO.:	
DATE ADOPTED:	

III. SPECIAL SEWER RATES - MO	NTHLY		RATE CODE
Air Conditioning Systems			
For systems on flat-r	ate service, each month during air		
•	per ton of system capacity:	9.17	271
With water conser	•	.89	272
Evaporative coolers (	commercial establishments), for each		
-	itioning season, unit capacity - per		
1,000 cfm, without re		1.23	273
•	vation device, with recirculation:	.35	274
Refrigeration systems	, for systems on flat-rate service,		
per compressor horsep		9.17	275
With water conser		.89	276
Dining Socility and 1 0	OO on ft on fraction thorons	7.11	279
Dining Facility, each 1,0	00 sq.ft. or fraction thereof	. r•11	217
Gymnasium, each shower he	ad	3.29	280
Hydraulically operated el	evator	28.24	281
With water conservati	on device	4.92	282
Swimming Pool, non-commen	cial per pool capacity		
Under 300 cu.ft. (fil		.00	
	& draw), each 100 cu.ft. contents	1.18	277
Under 300 cu.ft. (fil		.00	
	ered), each 100 cu.ft. contents	.30	278
IV. MONTHLY METERED SEWER USE	, PER 100 CU.FT.	.29	
	Quantity of Sewage Allowed		
Water Meter Size	Without Additional Payment		
5/8" x 3/4"	1200 cu.ft., 9000 gal.	6.89	260
3/4"	1700 cu.ft., 13000 gal.	6.89	261
1"	2100 cu.ft., 16000 gal.	7.46	262
1 1/2"	3700 cu.ft., 28000 gal.	12.74	263
2"	6200 cu.ft., 46000 gal.	21.29	264
3"	12500 cu.ft., 94000 gal.	42.47	265
44	21800 cu.ft., 163000 gal.	74.37	266
6"	50000 cu.ft., 374000 gal.	148.65	267
8"	106200 cu.ft., 794000 gal.	265.38	268
10 <sup>e2</sup>	168700 cu.ft., 1262000 gal.	371.66	269
12"	262500 cu. ft., 1964000 gal.	530.93	270

RESOLUTION NO.:	
DATE ADOPTED:	

### V. SERVICE CONNECTION TO CITY SEWER SYSTEM

Sewer service installation (total charge to be based on unit cost times one-half street width)

Nom. Dia.	Streets & Alleys	Easements
· 4n	91.42/ft.	382.40
Larger	4.94/2" dia.	30.89/2" dia.
	increase	increase

#### Easements

City connects first pipe: Rate schedule determined by City Manager based on average cost during a reasonable past period of time. (Code Sec. 36.601, Ordinance 3454/4178)

Connection into manhole or trunk: Rate schedule determined by City Manager based on average cost during a reasonable past period of time. (Code Sec. 36.601, Ordinance 3454/4178)

City labor and materials: Average cost recovery

Reconnect following disconnection: Full cost recovery. (Code Sec. 36.703, Ordinance 3353)

Trunk connections in district parcels--North Bannon Street District only (Code Sec. 36.903, Ordinance 3711):

Parcel	forced	Outfall	Area	Total
Number	Main Fee	Fee	Fee	Fee
1	1,111.70	311.48	1,831.00	3,254.18
2	193.41	54.21	578.92	826.54
3	193.41	54.21	578.92	826.54
4	193.41	54.21	578.92	826.54
5	193.41	54.21	578.92	826.54
6	193.41	54.21	578.92	826.54
7	193.41	54.21	578.92	826.54
8	193.41	54.21	578.92	826.54

### VI. SEWER SYSTEM DEVELOPMENT FEES

Size of connection:	4"	123.54
	6"	277.68
	8"	494.17
	10"	771.85
	12"	1,111.89

If the existing service is replaced by one of a larger size at

RESOLUTION NO.:	
DATE ADOPTED:	

the owner's request, the fee shall be equal to the difference between the fee for the original service size and that for the replacement service size in the schedule shown above.

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	MAYOR		
ATTEST:			
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CITY CLERK		٠,,	
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FOR CITY	CLERK USE ONLY		
	R	RESOLUTION NO.:	
		DATE ADOPTED.	