

ORDINANCE 1991-3
of the
South Lyons Township Sanitary District
Cook County, Illinois

AN ORDINANCE amending Ordinance 1989-6 entitled
"AN ORDINANCE establishing charges and rates
for the South Lyons Township Sanitary District,
Cook County, Illinois, and providing for the collection,
regulation and operation of said sewerage system,"
and as heretofore amended by Ordinance 1989-8 and 1990-3.

BE IT AND IT IS HEREBY ORDAINED by the Board of Trustees of the South Lyons Township Sanitary District, Cook County, Illinois that Ordinance 1989-6 entitled, "An Ordinance establishing charges and rates for the use and maintenance of the sewerage system of the South Lyons Township Sanitary District, Cook County, Illinois, and providing for the collection, regulation and operation of said sewerage system" be further amended as follows:

Section 1

ARTICLE I.
WASTEWATER SERVICE CHARGE

- Sec. 7 Basic User Charge: There shall be and there is hereby established a basic user charge of \$0.65 per 1,000 gallons of metered water consumption to be applied to all users to recover O, M & R costs.
- Sec. 8 Debt Service Charge: There shall be and there is hereby established a debt service charge of \$0.44 per 1,000 gallons to each user of the wastewater facility.
- Sec. 9 Rates. All residential users of the wastewater facilities shall pay a flat rate of \$5.00 per month/per dwelling unit. The flat rate charge consists of \$2.99 for O, M & R costs and \$2.01 for debt service costs. This rate is based on an average water usage of 4,600 gallons per month/per dwelling unit.

All commercial, industrial, governmental and institutional users shall pay \$1.09 per 1,000 gallons of water used per month. This rate is based on \$0.65 for O, M & R costs and \$0.44 for debt service costs.

Section 2

Except as is hereby expressly amended, all the provisions of Ordinance 1989-6 as amended shall remain in full force and effect.

Section 3

The invalidity of an section, clause, sentence or provision of this Ordinance shall not effect the validity of any other part of this Ordinance which can be given effect without such invalid part or parts.

Section 4

All ordinances and parts of ordinances not in conflict herewith shall remain in full force and effect.

Section 5

This Ordinance shall be effective after its passage and approval and shall be in force and take effect after its publication as provided by law.

Passed and approved this 25th day of April, 1991.

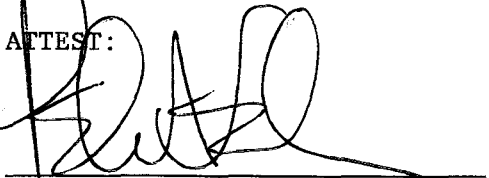
VOTE:

AYES: Trustees Peck, Walsh & Felice
NAYS: None
ABSENT: None



Thomas F. Peck, Trustee-President

ATTEST:

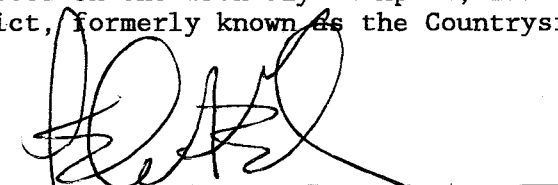


Peter A. Felice, Trustee-Clerk

CERTIFICATION

The foregoing is hereby certified to be a true and correct copy of the original Ordinance 1991-3 enacted on the 25th day of April, 1991 by the South Lyons Township Sanitary District, formerly known as the Countryside Sanitary District.

(SEAL)



Peter A. Felice, Trustee-Clerk

Dated at Countryside, Illinois this 25th day of April, 1991.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

ATTACHMENT I

User Charge System Review Comments

The purpose of a User Charge System (UCS) is to generate revenues from each user class commensurate with the operation, maintenance and replacement (O, M & R) costs incurred by the Sanitary District to provide such users with wastewater collection services. A user Charge System is comprised of two elements: the legislative enactments (ordinances) and the engineering/accounting data necessary to demonstrate the proportionality of the User Charge System using a cost-rate-revenue relationship.

Following is the information pertaining to the User Charge System of the SOUTH LYONS TOWNSHIP SANITARY DISTRICT:

1. Number of users by class:

Residential:	2,795
Commercial	138
Industrial	48
Institutional/Govt.	8

2. Billable flow and loading by user class:

THE SOUTH LYONS TOWNSHIP SANITARY DISTRICT IS A COLLECTION AGENCY FOR THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO. WE DO NOT TREAT EFFLUENT; THEREFORE NO B.O.D. OR S.S. IS SHOWN:

	Annual Billable Flow	Allowable Flow
Residential	155,004,474	162,740,961
Commercial	101,882,320	106,967,407
Industrial	20,105,015	21,108,484
Institutional/Governmental	791,636	831,148
	<u>277,783,445</u>	

3. Total Annual Flow (including I&I) -----
291,648,000

4. Loading concentration by user class:
NOT APPLICABLE

5. Estimates of itemized operation, maintenance and replacement budget for the grantee's system. This budget includes costs for conveyance, collection and billing, but does not include local capital costs. Capital costs are shown separately. (see attachment II).

IEPA Attachment I: User Charge System Review
April, 1990

6. Following are unit costs per unit volume of the total O,M & R costs (exclusive of costs for debt service):

TOTAL O,M & R costs	<u>\$180,600</u>	
Total Billable volume: (in 1000 gallons)	277,783	= \$.65/KGAL

7. O,M & R costs by class (exclusive of costs for debt service):

Residential	\$ 100,776
Commercial	\$ 66,238
Industrial	\$ 13,071
Inst/Govt	<u>\$ 515</u>
Total OM&R COSTS	<u>\$ 180,600</u>

8. Rates and calculations used in their formulation:

Basic User Charge (per unit volume):

Total O,M & R costs	<u>\$180,600</u>	
Total Billable Volume	277,783 kgal	= \$.650/kgal

Debt Service Charge (per unit volume):

Total Debt Service	<u>\$121,538</u>	
Total Billable Volume	277,783 kgal	= \$.438/kgal

Surcharge rates for BOD and SS are not applicable.

9. Based on the proposed rates, following is the estimate of the revenue to be generated annually from each user class (exclusive of debt service):

Residential	\$ 100,753
Commercial	\$ 66,224
Industrial	\$ 13,068
Inst/Govt	<u>\$ 514</u>
TOTAL REVENUE	\$ 180,559

10. Annual replacement costs for all items with a service life less than that of a treatment works (in the case of the South Lyons Township Sanitary District, the only items included are the three lift stations):

3 lift stations at \$80,000 each	\$ 240,000
Less Current Reserve for Depreciation	<u>(240,000)</u>
Additional reserve required	\$ -0-

It is expected that we will replace two lift stations in fiscal year 1991/92 and the third in 1995.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

ATTACHMENT II

OPERATION, MAINTENANCE AND REPLACEMENT COSTS

A. Operation, Maintenance and Replacement Costs

1. Training	\$ 1,000
2. Power Costs (lift stations electric)	1,800
3. Treatment Plant Supplies & Chemicals (not appl)	0
4. Sewer Maintenance	30,000
5. Transportation equipment & maintenance	0
6. Supplies and equipment	0
7. Contractual Professional Services	93,800
8. Lift Station Rehabilitation (partial)	50,500
8. Replacement	-0-*
9. Contingencies and Bank Fees	<u>3,500</u>

TOTAL O,M & R COSTS \$ 180,600

* Annual replacement costs for all items with a service life less than that of a treatment works (in the case of the South Lyons Township Sanitary District, the only items included are the three lift stations):

3 lift stations at \$80,000 each	\$ 240,000
Less Current Reserve for Depreciation	<u>(240,000)</u>
Additional reserve required	\$ -0-

It is expected that we will replace two lift stations in fiscal year 1991/92 and the third in 1995.

B. Debt Service and Capital Improvements:

1. Debt Service - current bonds	\$ 36,538.00
Debt Service - est on loan	<u>85,000.00</u>
Total Annual Debt Service	\$ 121,538.00
2. Capital Improvements	<u>\$ 0.00</u>

TOTAL ANNUAL DEBT SERVICE AND CAPITAL IMPR \$ 121,538.00

SUMMARY OF ANNUAL WATER USAGE BY USER TYPE
 BASED ON 1990 CALENDAR YEAR INFORMATION

	#/USER	ANN GALS	KGALS
RESIDENTIAL	1,130	76,313,218	76,313
MULTIPLE/MNTH	344	12,994,604	12,994
MULTIPLE/ANN	<u>1,321</u>	<u>65,696,652</u>	<u>65,697</u>
ALL RESIDENTIAL	2,795	155,004,474	155,004
COMMERCIAL/MNTH	29	37,872,422	37,872
COMMERCIAL/ANN	<u>109</u>	<u>64,009,898</u>	<u>64,010</u>
ALL COMMERCIAL	138	101,882,320	101,882
INDUSTRIAL/MNTH	16	10,330,590	10,331
INDUSTRIAL/ANN	<u>32</u>	<u>9,774,425</u>	<u>9,774</u>
ALL INDUSTRIAL	48	20,105,015	20,105
INST/GOVT:MNTH	1	106,216	106
INST/GOVT:ANN	<u>7</u>	<u>685,420</u>	<u>686</u>
ALL INST/GOVT	8	791,636	792

GRAND TOTAL	<u>2,989</u>	<u>277,783,445</u>	<u>277,783</u>

ARTICLE 1, SECTION 9.
CALCULATION OF FLAT RATE FOR RESIDENTIAL USERS

1. Annual Residential Gallons 155,004,474
 Residential Users 2,795 = 55,458 annual gals/residential user
 2. # of annual gals/residential user 55,458
 1 year in months 12 = 4,622 gals/month/residential user
 3. 4,622 gallons/month/1000 = 4.6 KGAL
- 4.6 KGAL x \$0.650 OMR rate = \$ 2.99/month O,M & R Costs
- 4.6 KGAL x \$0.438 debt service = \$ 2.01/month debt serv charge

\$ 2.99 charge for O,M & R
 + 2.01 charge for debt service
\$ 5.00 per month total flat rate per residential user

1990 WATER GALLONAGE
USED TO CALCULATE THE SEWER USE RATES EFFECTIVE 6/1/91

	<u>COUNTRYSIDE</u>		<u>LG HIGHLANDS</u>		<u>LA GRANGE</u>		<u>TOTAL</u>	
	<u>ACCTS</u>	<u># OF GALS</u>	<u>ACCTS</u>	<u># OF GALS</u>	<u>ACCTS</u>	<u># OF GALS</u>	<u>ACCTS</u>	<u># OF GALS</u>
RESIDENTIAL	719	48,232,050	20	1,403,000	391	26,678,168	1,130	76,313,218
MONTHLY	56	57,780,752			13	3,523,080	72(1)	61,303,832
A-2	98	60,295,330			11	3,714,568	109	64,009,898
A-3	45	50,924,400			40	14,772,252	85	65,696,652
A-4	34	9,774,425					34	9,774,425
A-5	<u>7</u>	<u>685,420</u>					<u>7(2)</u>	<u>685,420</u>
TOTAL	959	227,692,377	20	1,403,000	455	48,688,068	1,437	277,783,445

- (1) the count includes accounts 006-005340,-05344 &-05348 - all 2 unit residential; since there is no usage, the gallonage was calculated by dividing the total multiple water gallonage for 1990 (78,407,684) by the number of individual units (1,659) to arrive at an average annual water gallonage per residential multiple unit (47,262). Account East-005810 (Carlson's Mobile Home Park is not included since it was closed 2/91.
- (2) three accounts (City Hall, annex and public works garage) are for the City of Countryside; the water gallonage is not used to determine their rate (and therefore is not included in the totals). They are charged a flat \$1.00 charge for each location (this is in exchange for not charging us when we use the City's water to hydrojet our lines).