

ORDINANCE 1992-3  
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, 1990-3 and 1991-3.

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 \$0.412 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 \$0.572 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 \$2.09 for O, M & R costs and \$2.91 for debt service costs. This rate is based on an average water usage of 5,084 gallons per month/per dwelling unit.

All commercial, industrial, governmental and institutional users shall pay \$0.984 per 1,000 gallons of water used per month. This rate is based on \$0.412 for O, M & R costs and \$0.572 for debt service costs.

The minimum sewer use rate for all users except governmental will be \$5.00 per month.

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.

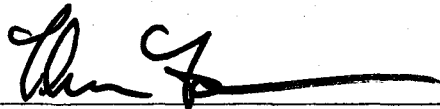
Section 5

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 15th day of April, 1992.

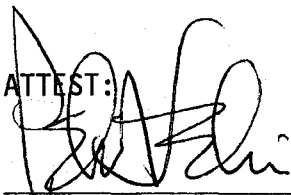
VOTE:

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



Thomas F. Peck, Trustee-President

ATTEST:

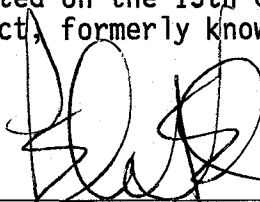


Peter A. Felice, Trustee-Clerk

CERTIFICATION

The foregoing is hereby certified to be a true and correct copy of the original Ordinance 1992-3 enacted on the 15th day of April, 1992 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 15th day of April, 1992.

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:        | 2,803 |
| Commercial          | 139   |
| Industrial          | 47    |
| 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<br>Flow | Allowable<br>Flow |
|----------------------------|-------------------------|-------------------|
| Residential                | 171,000,902             | 179,083,444       |
| Commercial                 | 105,321,660             | 110,299,802       |
| Industrial                 | 20,145,798              | 21,098,011        |
| Institutional/Governmental | 1,510,698               | 1,582,103         |
|                            | <u>297,979,058</u>      |                   |

3. Total Annual Flow (including I&I) -----  
312,063,360

4. Loading concentration by user class:  
NOT APPLICABLE

5. Estimates of itemized operation, maintenance and replacement budget for the district's system. Capital costs are shown separately. (see attachment II).

IEPA Attachment I: User Charge System Review  
April, 1992

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>\$122,753</u> |               |
| Total Billable volume:<br>(in 1000 gallons) | 297,979          | = \$.412/KGAL |

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

|                  |                   |
|------------------|-------------------|
| Residential      | \$ 70,444         |
| Commercial       | 43,388            |
| Industrial       | 8,299             |
| Inst/Govt        | <u>622</u>        |
| Total OM&R COSTS | <u>\$ 122,753</u> |
|                  | =====             |

8. Rates and calculations used in their formulation:

|                                      |                  |               |
|--------------------------------------|------------------|---------------|
| Basic User Charge (per unit volume): |                  |               |
| Total O,M & R costs                  | <u>\$122,753</u> |               |
| Total Billable Volume                | 297,979 kgal     | = \$.412/kgal |

|  |                  |               |
|--|------------------|---------------|
| Debt Service Charge (per unit volume): |                  |               |
| Total Debt Service                     | <u>\$170,458</u> |               |
| Total Billable Volume                  | 297,979 kgal     | = \$.572/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   | \$ 70,452         |
| Commercial    | 43,393            |
| Industrial    | 8,300             |
| Inst/Govt     | <u>622</u>        |
| TOTAL REVENUE | <u>\$ 122,767</u> |

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      | \$ 290,000       |
| Less Current Reserve for Depreciation | <u>(240,000)</u> |
| Additional reserve required           | <u>\$ 50,000</u> |

It is expected that we will replace one lift stations in fiscal year 1992/93.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

ATTACHMENT II

OPERATION, MAINTENANCE AND REPLACEMENT COSTS

A. Operation, Maintenance and Replacement Costs

|  |                  |
|--|------------------|
| 1. Power Costs (lift stations electric)              | 1,435            |
| 2. Treatment Plant Supplies & Chemicals (not appl)   | -0-              |
| 3. Sewer Maintenance                                 | 79,000           |
| 4. Transportation equipment & maintenance (not appl) | -0-              |
| 5. Supplies and equipment (not appl)                 | -0-              |
| 6. Contractual Professional Services                 | 33,000           |
| 7. Sewer Rehabilitation & Replacement                | 374,000          |
| 8. Replacement (Depreciation Reserve)                | 50,000*          |
| 9. Contingencies and Bank Fees                       | <u>31,000</u>    |
| Total O,M & R Costs                                  | \$ 568,435       |
| Less unrestricted reserves and other income          | <u>(445,682)</u> |
| AMOUNT OF O,M & R NEEDED FROM USER CHARGE            | \$ 122,753       |
|  | =====            |

\* 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):

|   |               |
|---|---------------|
| Current Reserve for depreciation            | \$ 240,000    |
| Additional Reserve for f/y/e 5/31/93        | <u>50,000</u> |
| Total Reserve at fiscal year ending 5/31/93 | \$ 290,000    |

It is expected that we will replace one lift station in fiscal year ending 5/31/93.

B. Debt Service and Capital Improvements:

|  |                   |
|--|-------------------|
| 1. Debt Service - current bonds            | \$ 35,487.50      |
| Debt Service - est on loan                 | <u>134,970.06</u> |
| Total Annual Debt Service                  | \$ 170,457.56     |
| 2. Capital Improvements                    | <u>\$ 0.00</u>    |
| TOTAL ANNUAL DEBT SERVICE AND CAPITAL IMPR | \$ 170,457.56     |
|  | =====             |

SUMMARY OF ANNUAL WATER USAGE BY USER TYPE  
BASED ON 1991 CALENDAR YEAR INFORMATION

|                    | TOTAL<br>ACCTS | # OF<br>USERS | TOTAL<br>GALS      |
|--------------------|----------------|---------------|--------------------|
| RESIDENTIAL        | 1,138          | 1,138         | 85,807,698         |
| MULTIPLE/ANNUAL    | 86             | 1,467         | 75,241,547         |
| MULTIPLE/MONTHLY   | 24             | 198           | 9,951,657          |
| ALL RESIDENTIAL    | <u>1,248</u>   | <u>2,803</u>  | <u>171,000,902</u> |
| COMMERCIAL/ANNUAL  | 110            | 110           | 89,923,805         |
| COMMERCIAL/MONTHLY | 29             | 29            | 15,397,855         |
| ALL COMMERCIAL     | <u>139</u>     | <u>139</u>    | <u>105,321,660</u> |
| INDUSTRIAL/ANNUAL  | 35             | 35            | 11,706,658         |
| INDUSTRIAL/MONTHLY | 12             | 12            | 8,439,140          |
| ALL INDUSTRIAL     | <u>47</u>      | <u>47</u>     | <u>20,145,798</u>  |
| INST/GOVT:ANNUAL   | 7              | 7             | 1,468,010          |
| INST/GOVT:MONTHLY  | 1              | 1             | 42,688             |
| ALL INST/GOVT      | <u>8</u>       | <u>8</u>      | <u>1,510,698</u>   |
|                    | -----          | -----         | -----              |
| GRAND TOTAL        | <u>1,442</u>   | <u>2,997</u>  | <u>297,979,058</u> |

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

1. Annual Residential Gallons 171,000,902  
Residential Users 2,803 = 61,006 annual gals/res user
2. # of ann gals/residential user 61,006  
# of months in 1 year 12 = 5,084 gal/month/res user
3. 5,084 gallons/month/1000 = 5.084 kgal  
 5.084 KGAL X \$.412 OMR rate = \$ 2.09/month O,M & R COSTS  
 5.084 KGAL X \$.572 debt service = \$ 2.91/month debt service  
 \$ 2.09 charge for O,M & R  
 + 2.91 charge for debt service  
 \$ 5.00 per month total flat rate per residential user  
 =====