RATES AND CHARGES

§ 51.15 BILLING, GENERALLY.

The rates, fees, and charges for the use and service of certain waterworks and sewerage systems of the county, billed on a quarterly or bimonthly basis, shall be established in §§ 51.16 through §§ 51.28.

§ 51.16 METERED WATER.

The rates for metered water per 1,000 gallons, 2,000 gallons per month minimum are:

Metered Well Water	2015	2016	2017
(A) General Service Areas			
(1) Residential Minimum (0-2,000 gallons per month)	$3.37	$3.71	$4.08
(2) Residential Block 1 (3,000-6,000 gallons per month)	$3.55	$3.91	$4.30
(3) Residential Block 2 (7,000 gallons or greater per month)	$3.73	$4.10	$4.51
(4) Non-Residential; Residential with multiple dwelling units per meter and irrigation meters	$3.55	$3.91	$4.30
(B) CLCJAWA Service Areas			
(1) Residential Minimum (0-2,000 gallons per month)	$5.61	$5.61	$5.61
(2) Residential Block 1 (3,000-6,000 gallons per month)	$5.91	$5.91	$5.91
(3) Residential Block 2 (7,000 gallons or greater per month)	$6.21	$6.21	$6.21
(4) Non-Residential; Residential with multiple dwelling units per meter and irrigation meters	$5.91	$5.91	$5.91
(C) Hawthorn Woods – Glennshire/Forest Lake			
(1) Residential Minimum (0-2,000 gallons per month)	$6.75	$6.75	$6.75
(2) Residential Block 1 (3,000-6,000 gallons per month)	$7.11	$7.11	$7.11
(3) Residential Block 2 (7,000 gallons or greater per month)	$7.47	$7.47	$7.47
(4) Non-Residential; Residential With multiple dwelling units per meter and irrigation meters	$7.11	$7.11	$7.11

§ 51.17 METERED SEWER.

The rates for metered sewer per 1,000 gallons, 2,000 gallons per month minimum are:

	2015	2016	2017
1) General Service Areas	$4.77	$5.10	$5.46
2) Southeast Central – Libertyville Countryside Manor, North Libertyville Estates, Terre Faire	$5.69	$5.93	$5.93
3) Northeast Central – NSWRD Wildwood	$5.63	$5.95	$6.28
4) Northeast Central – NSWRD Arbor Vista	$7.63	$7.95	$8.28

§ 51.18 UNMETERED WATER.

The rates for unmetered water, per single family residence or equivalent, are:

	2015	2016	2017
1) Arden Shores	$35.50	$39.10	$43.00
2) Countryside Lake	$35.50	$39.10	$43.00
3) Forest Lake	$42.66	$42.66	$42.66
4) Oak Terrace	$28.62	$30.60	$32.76

§ 51.19 UNMETERED SEWER.

The rates for unmetered sewer, per single family residence or equivalent, are:

	2015	2016	2017
1) General Service Area	$38.16	$40.80	$43.68
2) Southeast Central – Libertyville	$45.52	$47.44	$47.44
3) Northwest	$35.78	$38.25	$40.95
4) Northeast Central	$42.23	$44.63	$47.10
5) Ravenna, Royal Melbourne, Kildeer North, Kildeer Central	$44.60	$44.60	$44.60
6) Riverside Preserve, Kildeer South	$56.60	$56.60	$69.34

§ 51.20 EFFECTIVE DATE AND FUTURE INCREASES.

(A) The aforementioned water and sewer rates shall become effective December 1, 2015 and applied at the end of the appropriate billing cycles, unless otherwise determined by the Director of Public Works.

(B) On December 1, 2018 and December 1, 2019 the rates established in §§ 51.16 through 51.19 shall be automatically increased by 2% unless the county has performed a Rate Analysis Study to establish then current rates.

§ 51.21 ILLEGAL CONNECTION OR TURN- ON.

No person shall connect to or turn water or sewer on to any premises without permission from the county or after it has been shut off by the county.

§ 51.22 LIABILITY; LATE PAYMENT; DELINQUENCY.

(A) *Enforcement Officer.* All sections of this subchapter shall be enforced by the Director of the Lake County Public Works Department, or his or her designees.

(B) *Liability.* The owner of the premises, the occupant thereof, or the user of the service shall be jointly and severally liable to pay for all service to such premises, and service is furnished to the premises by the county only upon the condition that the owner of the premises, occupant, or user of any service are jointly and severally liable therefore to the County of Lake.

(C) *Liability for undercharges.* In the event that there is an undercharge for service by reason of either an error involving billing procedures or metering equipment discrepancies, such undercharge shall be billed to the user, owner or occupant and collected by the county, provided, however, that the period of undercharge accumulation shall not exceed 12 months.

(D) *Late payments, penalty.* If payment of the entire amount of a bill for sewer and/or water service is not received by the County of Lake on or before the twentieth day after the billing date, then a late payment penalty of 10% of the unpaid balance of the bill shall be added thereto and become due and payable.

(E) *Delinquency.* In the event the sewer and/or water service charges including any penalty then due are not paid within 60 days after the date of billing, such charges and penalty shall be deemed and are hereby declared to be delinquent. Such delinquency shall be a violation of this subchapter and subject to enforcement and imposition of fines.

(F) *Shut off.* If sewer and/or water service charges are determined to be delinquent or an unauthorized connection is made, the water or sewer service may be shut off by the Director of the Lake County Department of Public Works. Water and/or sewer service will not be turned on until all payment, penalties and fees have been paid.

(G) *Warning of Ordinance Violation.* If any charges and/or penalties are declared to be delinquent, the Enforcement Officer shall have the authority to issue a Warning of Ordinance

Violation. The Warning shall, at a minimum, identify the violation for which it is being issued, shall include the address at which the violation has occurred, shall allow the respondent to elect to pay all outstanding charges and/or penalties to abate the violation(s) within a reasonable time, and shall state that a Notice of Ordinance Violation may be issued if the warning is not adhered to as specified.

(H) *Notice of Ordinance Violation; Administrative Adjudication.* If an individual has previously been issued a Warning of Ordinance Violation or is in violation of § 51.21 and the individual fails to pay all outstanding charges and/or penalties by the date specified in the warning, the Enforcement Officer shall have authority to issue a Notice of Ordinance Violation. If Administrative Adjudication is found to be the appropriate remedy to resolve the violation, the notice must be served in accordance with and shall contain all information specified and required in §§ 94.50 through 94.66 (Lake County Administrative Adjudication Ordinance). Prior to the hearing date documented on the Notice of Ordinance Violation, the respondent may elect to pay all outstanding charges and/or penalties deemed delinquent, pay the fine listed on the Notice of Ordinance Violation, and not participate in the hearing.

(I) *Liens.*

(1) In the event the sewer and/or water service charges, including any penalty, are declared to be delinquent, the County of Lake shall commence with proceedings to create a lien upon the real estate to which water or sewerage service is supplied through the delinquent account in accordance with the county's authority pursuant to 55 ILCS 5/5-15021. To create this lien, the county shall send to the delinquent owner or owners of record of the real estate, as referenced by the taxpayer's property identification number:

(a) A copy of each delinquency notice sent to the person who is delinquent in paying the charges or other notice sufficient to inform the owner or owners of record; and

(b) A notice that unpaid charges or rates may create a lien on the real estate pursuant to 55 ILCS 5/5-15021.

(2) In addition, the County shall file a notice of such lien in the office of the Lake County Recorder of Deeds. This notice shall consist of a statement sworn to by an authorized officer or employee of Lake County setting out:

(a) A description of such real estate sufficient for the identification thereof;

(b) The amount of money due for such water or sewerage service; and

(c) The date when such amount became delinquent.

(3) The county shall also send a copy of the notice of lien to the owner or owners of record of the real estate, as referenced by the taxpayer's property identification number. If all of the above requirements are met, the county shall have the power to foreclose this lien in the same manner and with the same effect as in the foreclosure of mortgages on real estate.

§ 51.23 CONNECTION FEES.

(A) The basic rates for connection of residential users, per dwelling unit or equivalent thereto, to certain waterworks and sewerage systems of the county shall be established as follows.

(1) *Water System Connection*:	
(a) General Service Areas (CLCJAWA)	$2,250
(b) General Service Areas (Well Water)	$3,780
(2) *Sewer System Connection*:	
(a) Diamond/Sylvan Lake	$9,110
(b) Northeast	$7,240
(c) Northeast Central (requires separate NSWRD permit and connection fee)	
(i) Highland Lake, Arbor Vista, Idlewild, Wilwood, Druce Lake, Third Lake	$2,700
(ii) Grayslake, Hainesville, Gurnee, Waukegan	$1,300
(d) Northwest	
(i) Fox Lake Hills, Petite Lake, Stanton Bay	$4,590
(ii) Hainesville, Lake Villa, Round Lake, Round Lake Beach, Round Lake Heights, Round Lake Park, Harbor Ridge, Lakes Regional Sanitary District	$3,190
(e) South Central	
(i) Vernon Hills	$5,540
(f) Southeast	
(i) Portwine Sector: Bannockburn, Deerfield, Lincolnshire, Riverwoods	$7,580
(ii) General Sector: Buffalo Grove, Kildeer, Riverwoods, Long Grove, Pekara	$5,150
(iii) Kildeer (South)	$6,550
(iv) Ela Sector: Hawthorn Woods, Long Grove, Forest Lake, Kildeer (North & Central)	$9,020
(v) Lincolnshire, Lake Zurich	$3,780
(g) Southeast Central	
(i) Countryside Manor, Terre Faire, North Libertyville Estates	$4,680
(ii) Green Oaks	$3,280
(iii) Libertyville (requires separate Libertyville permit and connection fee)	$1,280

(B) (1) Connection charges for commercial, industrial, and institutional users shall be based on the foregoing rates for each 250 gallons per day of design flow as determined in accordance with U.S. Department of the Interior coefficients or as approved by the Director of Public Works.

(2) Connection charges in the Northeast Sewer System shall be based on 350 gallons of design flow.

(C) The foregoing connections fees shall also be applicable and charged on a pro rata basis whenever an existing use is changed or modified to the extent that it results in significantly higher daily usage.

§ 51.24 ADDITIONAL RATES AND CHARGES.

The following rates and charges, for services, in addition to and supplementing those previously described by ordinance, are hereby established.

(A) General inspection fee: $100 per connection.

(B) Construction water: $50 per dwelling unit or equivalent thereof.

(C) Seasonal or after hours turn-off/turn-on: $100.

(D) Force account work, contract operation and maintenance: $60 per man-hour, regular; $90 per man-hour, overtime; plus support equipment.

(E) Water meter charges:

(1) 5/8 in. meter	$250
(2) 1 in. meter	$350
(3) 1-1/2 in. meter	$600
(4) 2 in. meter	$800
(5) 3 in. meter	$1,600
(6) 4 in. meter	$1,800
(7) 6 in. meter	$2,000

(F) Automatic sprinkler systems: $0.35 per head per quarter.

(G) Hydrant meter deposit: as determined by the Director of Public Works.

(H) Septage disposal fee: $40 per 1,000 gallons.

(I) Septage decant: $40 per 1,000 gallons.

(J) Drying pad fee: $150 per truckload.

(K) Hydrant flow test: $250 per hydrant.

(L) Laboratory test fees are as follows:

Laboratory Test Fees

Test	LCPW Price
Water & Waste Water	
Alkalinity	8.00
BOD/CBOD	20.00
Chlorine, Residual	15.00
COD	17.00
Chloride	12.00
Conductivity	11.00
Cyanide, Total	30.00
Cyanide, Weak Acid	30.00
Oil & Grease (aq)	40.00
Fluoride	10.00
Hardness	11.00
Hexavalent Chromium	11.00
Nitrate	12.00
Nitrite	11.00
Nitrates, Total (NO2+ NO3)	23.00
Nitrogen, Ammonia	12.00
Nitrogen, Total Kjeldahl	23.00
Ortho-Phosphate	15.00
pH	8.00
Phosphorous, Total	16.00
Settleable Solids	12.00
TSS	15.00
TDS	15.00
VS	11.00
VSS	11.00
TS	15.00
Specific Gravity	12.00
Sulfate	16.00
Turbidity	12.00
TOC (aq)	35.00
Microbiology	
E. Coli	16.00
Fecal Coliform	16.00
Total Coliform (Colilert)	16.00
Total Coliform (MF)	16.00
Total Coliform (MF) verification	
HPC	16.00

Test	LCPW Price
Soil, Sludge, Solid Waste	
Alkalinity	8.00
Cyanide, Total	30.00
Cyanide, Weak Acid	30.00
Oil & Grease	40.00
Fecal Coliform	16.00
Nitrogen, Ammonia	12.00
Nitrogen, Total Kjeldahl	23.00
pH	8.00
Phosphorous, Total	16.00
VS	11.00
TS	15.00
Specific Oxygen Uptake Rate	20.00
Specific Gravity	12.00
Metals*	
Arsenic GF	27.00
Barium	16.00
Boron	16.00
Cadmium	16.00
Cadmium GF	23.00
Chromium, Total	16.00
Copper	16.00
Iron, Total	16.00
Iron, Dissolved	16.00
Lead	16.00
Lead GF	23.00
Manganese	16.00
Molybdenum GF	2.00
Nickel, Total	16.00
Nickel, Dissolved	1.00
Nickel, Total GF	23.00
Nickel, Dissolved GF	23.00
Selenium GF	23.00
Silver	16.00
Zinc	16.00
Zinc GF	23.00

* metals pricing is dependent on whether or not the sample requires digestion

(M) Installation of outside AMR transmitter: $50 per transmitter.

(N) Manual meter reads in lieu of transmitter: $9.33 per month.

(O) Grease trap installation: $100.

(P) Grease trap inspection: $100.

(Q) FOG Discharge License: $100.

§ 51.25 RATE SURCHARGE FOR CERTAIN PORTIONS OF THE WATERWORKS/SEWERAGE SYSTEM.

(A) *Definitions.* For all purposes of this section, except as otherwise expressly provided or unless the context otherwise requires, the terms defined in this section, including the words and terms as defined in the preambles hereto, have the meanings assigned to them in this section and include the plural as well as the singular.

(B) *Incorporation of preambles.* The County Board hereby finds that all of the recitals contained in the preambles to this section are true and correct and does incorporate them into this section by this reference.

(C) *System surcharges.*

	Service Area	Surcharge	End Date
1)	North Libertyville Estates Sewer Capital Cost (address on payment plan)	$60.00 per month	December 2017
2)	North Libertyville Estates Levee Maintenance	$5.00 per month	N/A
3)	Hawthorn Woods-Glennshire Water Capital Cost (address on payment plan)	$77.00 per month	September 15, 2039
4)	Hawthorn Woods-Glennshire Water Capital Cost (address on payment plan)	$45.00 per month	September 15, 2039
5)	Countryside Manor, North Libertyville Estates, Terre Faire Water Connection Charge (address on payment plan)	$19.00 per month	December 2025
6)	Countryside Manor, North Libertyville Estates, Terre Faire Water Connection Charge (address on payment plan with CDBG grant)	$6.65 per month	December 2025
7)	Northwest Regional Excess Flow Surcharge	$1.50 per month per RCE	January 2044

(D) *Collection; recordation.* Certain county staff and officers, as appropriate, are hereby directed to record this section with the Lake County Recorder's office and to undertake any necessary administrative operations to execute the collection of the one-time capital cost charge or the surcharge.

(E) *Certain provisions of master rate ordinance to apply.*

(1) The provisions of the master rate ordinance (§ 51.22) relating to delinquency of payment and enforcement shall apply.

(2) This section shall be attached to and included as a part of the master rate ordinance adopted in 2007, as amended.

(F) *Governing law*. This section shall be construed under and governed by the laws of this state.

Cross-reference:

Bonds, see TSO Table I

§ 51.26 SUMMER SEWER CREDIT.

(A) During the period of May 15 to September 15, sewer service charges for residential customers who do not separately meter the outside use of water shall not exceed 120% of the average usage for the preceding eight-month period. Where sufficient information is not available, as in the case of a new customer, average usage shall be determined from billing records of existing customers.

(B) This section shall be published and take effect as provided by law.

§ 51.27 WHOLESALE SEWER RATES, FEES AND CHARGES.

Wholesale sewer rates for the communities of Antioch, Bannockburn, Buffalo Grove, Grayslake, Green Oaks, Gurnee, Hainesville, Harbor Ridge, Kildeer, Lakes Region Sanitary District, Lake Villa, Lake Zurich, Libertyville, Lincolnshire, Riverwoods, Round Lake, Round Lake Beach, Round Lake Heights, Round Lake Park and Waukegan are established as follows:

(A) Sewer Rates ($ per 1,000 gallons/ $ per Residential Customer Equivalent (RCE) per month)

	2016	2017	2018
1. Antioch	4.00/32.00	4.40/35.20	4.84/38.72
2. Buffalo Grove	4.00/30.00	4.00/30.00	4.00/30.00
3. Grayslake *	3.37/25.27	3.37/25.27	3.37/25.27
4. Green Oaks	4.64/37.12	4.64/37.12	4.64/37.12
5. Gurnee *	3.37/25.27	3.37/25.27	3.37/25.27
6. Hainesville (Northwest)	3.58/26.85	3.67/27.53	3.67/27.53
7. Hainesville (Northeast Central) *	3.37/25.27	3.37/25.27	3.37/25.27
8. Harbor Ridge	4.77/35.78	5.10/38.25	5.46/40.95
9. Lakes Region Sanitary District	3.67/27.53	3.67/27.53	3.67/27.53
10. Lake Villa	3.67/27.53	3.67/27.53	3.67/27.53
11. Lake Zurich	4.00/30.00	4.00/30.00	4.00/30.00
12. Libertyville	1.08/8.64	1.08/8.64	1.08/8.64

13. Lincolnshire	4.00/30.00	4.00/30.00	4.00/30.00
14. Riverwoods	4.77/38.16	5.10/40.80	5.46/43.68
15. Round Lake	3.67/27.53	3.67/27.53	3.67/27.53
16. Round Lake Beach	3.67/27.53	3.67/27.53	3.67/27.53
17. Round Lake Park	3.67/27.53	3.67/27.53	3.67/27.53
18. Round Lake Heights	3.67/27.53	3.67/27.53	3.67/27.53
19. Waukegan *	3.37/25.27	3.37/25.27	3.37/25.27

(B) Excess Flow Surcharge

1. Fox Lake	$1.50 per RCE per month
2. Hainesville (Northwest)	$1.50 per RCE per month
3. Harbor Ridge	$1.50 per RCE per month
4. Lake Villa	$1.50 per RCE per month
5. Lakes Region Sanitary District	$1.50 per RCE per month
6. Round Lake	$1.50 per RCE per month
7. Round Lake Beach	$1.50 per RCE per month
8. Round Lake Heights	$1.50 per RCE per month
9. Round Lake Park	$1.50 per RCE per month

(C) On January 1, 2019 and January 1, 2020, the sewer rates established in Section A shall be automatically increased by 2% unless the County has performed a Rate Analysis Study to establish then current rates.

Rates effective January 1, 2016 except as noted.

*Rates effective November 1, 2015; does not include the NSWRD flow component per Section 3.2 of the NSWRD Fee Ordinance.

§ 51.28 LAKE COUNTY AMR METER OPT-OUT POLICY.

(A) In order to modernize meter reading and billing services available to customers, Lake County is installing automated water meters with technology that transmits data back to the county offices. This technology uses a meter transmitter that sends usage data from the customer's meter. The meter transmitter is connected by a wire and sends readings wirelessly utilizing radio frequency.

(B) Despite the many advantages of the system, the county recognizes that some customers may want to opt-out of the AMR technology. Public Works has explored two options that could be made available to customers. (However, under both options the existing meter must be replaced.)

(1) *Option 1: meter transmitter installed on the outside of the house.* The standard location for the transmitter is in the basement ceiling or crawlspace joist above the meter inside the house. As an alternative, the transmitter can be wired to and installed on the outside of the house. The one-time outside installation fee that will be billed to those customers who choose the outside meter

transmitter installation option is established in the Public Work's applicable ordinance, which shall be amended from time to time.

(2) *Option 2: no meter transmitter - manual meter read.* Under this option, there would be no meter transmitter installed to send the meter data. The customer would be responsible to send their water meter reading into the Public Works office via phone or e-mail every two months, six times a year. The county would travel to and enter the customer's house and take a manual read of meter usage twice a year. In order to cover the costs of manually reading the meter, manually entering the meter data and travel costs, an annual charge established in the Public Work's applicable rate ordinance, which shall be amended from time to time, would be assessed on water bills as a monthly charge. As a consequence of this option, the customer would not benefit from leak detection notification and usage data from the customer online portal.