

Appendix A

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INDUSTRIAL USER

- A. Any nongovernmental, nonresidential user of a publicly owned treatment works which discharges more than the equivalent of 25,000 gallons per day (GPD) of sanitary waste and which is identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented, under one of the following divisions: Division A, Agriculture, Forestry and Fishing; Division B, Mining; Division D, Manufacturing; Division E, Transportation, Communications, Electric, Gas and Sanitary Services; and Division I, Services.
 - (1) In determining the amount of a user's discharge, the Village Clerk-Treasurer will exclude domestic waste or discharges from sanitary conveniences.
 - (2) After applying the sanitary waste exclusion in Subsection A(1) of this definition, discharges in the above divisions that have a volume exceeding 25,000 GPD or the weight of biochemical oxygen demand (BOD) or suspended solids (SS) equivalent to that weight found in 25,000 GPD of sanitary waste are considered industrial users. Sanitary waste, for purposes of this calculation of equivalency, shall be wastes of normal concentration as defined in this article.

227-1 Normal Concentration

NORMAL CONCENTRATION

- A. Five-day, 20° C., BOD of not more than 220 mg/L.
- B. A suspended solids content of not more than 250 mg/L
- C. For Phosphorus content of not more than 5 mg/L

- D. For Ammonia content of not more than 15 mg/L
- E. For chloride content of not more than 300 mg/L
- F. Surfactants concentration of not more than 2.9 mg/L
- G. COD not more than 400 mg/L

227-2. User Charges

- C. Minimum charge. The minimum monthly wastewater Residential Equivalency Units (REU) shall be \$18.50 for each unit served, regardless of the number of water meters which are being used to monitor such service.
- D. Volume charge and unit charge. In addition to the minimum charge based upon meter size, there shall be a volume charge based on water usage as determined by the Water Utility as follows:
- E. Rates of surcharge. The rates of surcharge for each of the aforementioned constituents will be at the prevailing rate at the time. Said prevailing rates at this time are as follows:

	Operation and Maintenance (Includes Replacement)	Depreciation on Structures	Total Surcharge
For BOD (in excess of 220 mg/L)	\$0.62/lb	\$0.08/lb	\$0.70/lb
For COD (in excess of 400 mg/L)	\$0.62/lb	\$0.08/lb	\$0.70/lb
For suspended solids (in excess of 250 mg/L)	\$0.47/lb	\$0.08/lb	\$0.55/lb
For Phosphorus (in excess of 5 mg/L)	\$0.92/lb	\$.08/lb	\$1.00/lb
For Ammonia (in excess of 15 mg/L)	\$0.92/lb	\$.08/lb	\$1.00/lb
For chloride (in excess of 300 mg/L)	\$0.92/lb	\$.08/lb	\$1.00/lb
For Surfactants (2.9 mg/L)	\$0.92/lb	\$.08/b	\$1.00/lb

227-5. Building sewers and connections - Contribution and Aid of Construction (CAC)

- I. Residential (single family) = \$250.00
- II. Multiple Family Residential (per dwelling units) = \$250.00 per dwelling

- III. Churches = \$250.00
- IV. Commercial & Industrial (Domestic Only) = \$500.00
- V. Motels and Laundromats \$ = 600.00
- VI. Community Based Residential Facilities, Hospitals, and Clinics = \$2500.00
- VII. Schools = \$2500.00

227-9. Violations and penalties

- B. Any person who shall continue any violation beyond the time limit provided for in Subsection A shall, upon conviction thereof, pay a forfeiture in the amount not less than \$50 and not more than \$1,000 for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

227-18. Meters; water rates; violations and penalties

- I. Penalty. Any person, firm or corporation found guilty of violating any of the provisions of §§ 227-11 through 227-18 shall forfeit an amount not exceeding \$200 and costs of prosecution and in default of payment of said forfeiture and costs shall be imprisoned until such forfeiture and costs are paid, but not to exceed 30 days. Any violation of the provisions of §§ 227-11 through 227-18 as hereunder specified shall be considered as a daily breach, if committed on successive days, calling for the filing of charges hereunder for each daily occurrence.

SEWER SERVICE CHARGES

- (a) Sewer Service Charge = Residential Equivalency Unit (REU) Charge plus Sewer Use Charge (aka volume charge).
- (b) Residential Equivalency Unit Charge = \$18.50 per month
- (c) Sewer Use Charge = \$6.00 per month per 1,000 gallons
- (d) Other Charges:
 - 1. Biochemical Oxygen Demand > 220 mg/L = \$0.70 per pound
 - 2. Chemical Oxygen Demand > 400 mg/L = \$0.70 per pound
 - 3. Total Suspended Solids > 250 mg/L = \$0.55 per pound
 - 4. Phosphorus > 5 mg/L = \$1.00 per pound
 - 5. Total Ammonia Nitrogen > 15 mg/L = \$1.00 per pound
 - 6. Surfactants > 2.9 mg/L = \$1.00 per pound
 - 7. Chlorides > 300 mg/L = \$1.00 per pound

Sample Calculations:

- 1. Single Family Residence:
 REU's = 1
 Month's water usage = 3200 gallons

Monthly charge: (1 REU x \$18.50/REU) + (3,200 gallons/1,000 gallons x \$6.00/1,000 gallons) = \$37.70.

2. Commercial/Public Authority/Industrial User:

REU's = 5

Month's Water Usage 56,500 gallons

Monthly Charge: (5 REU's x \$18.50/REU) + (56,500 gallons/1,000 gallons x \$6.00/1,000 gallons) = \$431.50/month

3. Industrial User with Other Charges:

REU's = 10

Month's Water Usage 900,000 gallons (.900 MGD)

BOD = 250 mg/L (monthly average)

TSS = 100 mg/L (monthly average)

P = 20 mg/L (monthly average)

N = 12 mg/L (monthly average)

Chloride 450 mg/L (monthly average)

Monthly Charge:

10 REU's x \$18.50/REU = \$185.00

.900 MGD x \$6.00/1,000 gallons = \$540.00

.900 MGD x 30 mg/L BOD x 8.34 x \$0.70 = \$157.63 No additional
charge for TSS

.900 MGD x 15 mg/L P x 8.34 x 1.00/lb = \$112.59

No additional charge for N

No additional charge for surfactants

.900 MGD x 150 mg/L Chl x 8.34 x 1.00 = \$1125.90

Total = \$2121.12/mo.

AUDIT The Village shall annually review the wastewater contribution of sewer users and sewer user classes, the operation and maintenance expenses of the treatments facilities, and the sewer service charge system. The auditor may review the Village's billing practice on an annual basis.

To adjust the REU on an annual basis the previous year expenses will be used and projected amounts needed for the next year may be used. The formula is # of REU's x REU charge x 12 months. If we had 540 REU's and wanted to raise the REU charge \$1.00 the income gained that year would be 540 x \$1.00 x 12 months = \$6480.00.

Owner	2015 REU	2014 & 2015 Base Charge	Volume (1000s)	Volume Charge	Total Charge	2016 and Beyond REU
Runde Plumbing & Heating	1	\$18.50	500	3.00	\$21.50	1
Katina's Kitchen, LLC	2.01	\$37.19	6437	38.62	\$75.81	2.01
Kuepers III	2.08	\$38.48	6659	39.95	\$78.43	2.08
Burgess, Cliff Rural Insurance	1	\$18.50	579	3.47	\$21.97	1
HGIC	1.96	\$36.26	6280	37.68	\$73.94	1.96
Collins, Marty Countryside Studio	1	\$37.00	878	5.27	\$42.27	1
Laufenberg, Tom Hair Chalet	5	\$92.50	10676	64.06	\$156.56	5
Colony Brands, Inc	1	\$18.50	500	3.00	\$21.50	1
Crawford Concrete, Construction	1	\$18.50	1361	8.17	\$26.67	1
Koeller, Steve (Laundry)	1.08	\$19.98	890	5.34	\$25.32	1.08
Dickeyville Housing Authority	6.67	\$123.40	21344	128.06	\$251.46	6.67
Lange, Dr. David	1	\$18.50	605	3.63	\$22.13	1
Marshall Insurance	3	\$55.50	1978	11.87	\$67.37	3
Hinderman Bros (Outside faucet)	0	\$0.00	0	0.00	\$0.00	0
Hinderman Bros	1	\$18.50	1363	8.18	\$26.68	1
Nick's Power Sports, LLC	1	\$18.50	1470	8.82	\$27.32	1
Gary's Pest Control	1	\$18.50	0	0.00	\$18.50	1
Dickeyville Telephone Co.	1	\$18.50	316	1.90	\$20.40	1
Kieler, Tom	4	\$74.00	9214	55.28	\$129.28	4
Kieler, Tom	4	\$74.00	11468	68.81	\$142.81	4
Dickeyville Feed	0	\$0.00	0	0.00	\$0.00	0
R S & T Ventures	6.8	\$125.80	21905	131.43	\$257.23	6.8
TAS Dickeyville Country Mart	7.1	\$131.35	22789	136.73	\$268.08	7.1
Dickeyville Veterinary Clinic	1.8	\$33.30	5703	34.22	\$67.52	1.8

Hair Gallery	1	\$18.50	1131	6.79	\$25.29	1
Tower Motel	11	\$203.50	35237	211.42	\$414.92	11
Munson, James	2	\$37.00	1403	8.42	\$45.42	2
Donnie's Tire & Auto	1	\$18.50	3062	18.37	\$36.87	1
1UP USA	0	\$0.00	0	0.00	\$0.00	1
SC Data Center	4	\$74.00	12669	76.01	\$150.01	4
Sunset Lanes	3.1	\$57.35	10030	60.18	\$117.53	3.1
Sunset Dance Hall	1	\$18.50	575	3.45	\$21.95	1
Timmerman Car Wash	9.8	\$181.30	31500	189.00	\$370.30	9.8
Thumser, Danny	2	\$37.00	438	2.63	\$39.63	2
Royal Bank	1	\$18.50	622	3.73	\$22.23	1
First Merit Bank	1	\$18.50	576	3.46	\$21.96	1
Lange, Jeff	4	\$74.00	6762	40.57	\$114.57	4
Vaassen, Chad	4	\$74.00	8099	48.59	\$122.59	4
Vaassen, Keith	3	\$55.50	7002	42.01	\$97.51	3
Koeller, Steve	4	\$74.00	6857	41.14	\$115.14	4
O'Mara, Karla & Jay	4	\$74.00	8560	51.36	\$125.36	4
Haefele, Katina	3	\$55.50	5225	31.35	\$86.85	4
JR Koeller LLC	4	\$74.00	3366	20.20	\$94.20	4
Plaza Motel	5	\$92.50	15913	95.48	\$187.98	5
Ershen's Florist	1	\$18.50	3817	22.90	\$41.40	1
Kieler Store	2	\$37.00	3817	22.90	\$59.90	2
Leo's Used Cars	1	\$18.50	113	0.68	\$19.18	1
Bob's Lawn Care	1	\$18.50	147	0.88	\$19.38	1
		\$0.00		0.00	\$0.00	
Dickeyville Community Park	1	\$18.50		0.00	\$18.50	1
Dickeyville Wastewater	2	\$37.00	6233	37.40	\$74.40	2
Kuepers Park	1	\$18.50	1707	10.24	\$28.74	1
Village of Dickeyville	1	\$18.50	1721	10.33	\$28.83	1
Dickeyville Paris Fire Department	1	\$18.50	578	3.47	\$21.97	1
		\$0.00		0.00	\$0.00	
Hauber Brand Meats	2.71	\$50.14	9509	57.05	\$107.19	2.71