

1/19/2021
Proposed

HAULED WASTE RATES

2021 Rates

	<u>\$/1,000 Gal</u>
Stericycle	\$ 13.48
PATS	\$ 11.27

2020 Rates

	<u>\$/1,000 Gal</u>
Stericycle	\$ 14.29
PATS	\$ 9.71

Revenue Impact New Rates

Projected	<u>Total</u>
	\$ 7,300

[Note: Based on last year's hauling volume]

Stericycle

2021 Hauled Waste Rates

Hauled Waste Administrative Costs

	2020		
	# Hauls	# Samples	Gallons
Stericycle	194	25	403,300

	Stericycle		
	# per Yr	Lab Cost	Cost/Yr
Sign in sample (0.1 hr ea)	194	\$ 4.32	\$ 837.61
Cost per 3-part form	194	\$ 0.74	\$ 143.56
Tabulate results (0.5 hr ea)	25	\$ 21.59	\$ 539.70
Analysis (BOD)	24	\$ 28.94	\$ 694.56
Analysis (TSS)	8	\$ 5.46	\$ 43.68
Analysis (P)	24	\$ 7.62	\$ 182.88
Analysis (TKN)	8	\$ 27.93	\$ 223.44
Analysis (pH)	194	\$ 4.81	\$ 933.14
Analysis (7 metals, Hg, As)	0	\$ -	\$ -
Lab Costs per Year		Subtotal	\$3,598.57
Billing Costs per Year			\$ 638.17
Overhead Costs per Year			\$ 288.06
Total Admin Costs per Year			\$4,524.81

Stericycle Admin Costs per 1,000 Gal

Total Admin Costs	\$4,524.81
Total 1,000 Gal	403.3
Total \$/1000 Gal	\$ 11.22

Stericycle Hauled Waste Rate

Class 2 Rates

	2020					2021
	Sampling					Rate
BOD	263	mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 272.11	per 1,000 lbs =	\$ 0.60
TSS	27	mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 335.27	per 1,000 lbs =	\$ 0.07
Phos	2.5	mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 2,188.00	per 1,000 lbs =	\$ 0.05
Volume				\$ 1.19	per 1,000 gal =	\$ 1.19
Admin Cost					Above	\$ 11.22
					Total	\$ 13.13
						per 1,000 gal

Stericycle Hauled Waste Rate

Class 1 Rates

			2021
			Rate
Volume		\$2.26 per 1,000 gal =	\$2.26
Admin Cost		Above	\$ 11.22
		Total	\$ 13.48
			per 1,000 gal

Note: Racine City Code Section 98-149 (f) authorizes a Class II surcharge at any time that Class II charges exceed Class I charges after applying approved Class I and Class II rates, regardless if normal domestic strength concentration thresholds are exceeded. The Utility shall charge the greater of the two calculated charges. (Ord. No. 08-13, pts. 1, 2, 5-29-13)

Pats Services

2021 Hauled Waste Rates

Hauled Waste Administrative Costs

	2020		
	# Hauls	# Samples	Gallons
PATS	54	14	165,000

	PATS		
	# per Yr	Lab Cost	Cost/Yr
Sign in sample (0.1 hr ea)	54	\$ 4.32	\$ 233.15
Cost per 3-part form	54	\$ 0.74	\$ 39.96
Tabulate results (0.5 hr ea)	14	\$ 21.59	\$ 302.23
Analysis (BOD)	9	\$ 28.94	\$ 260.46
Analysis (TSS)	9	\$ 5.46	\$ 49.14
Analysis (P)	9	\$ 7.62	\$ 68.58
Analysis (TKN)	1	\$ 27.93	\$ 27.93
Analysis (pH)	9	\$ 4.81	\$ 43.29
Analysis (BOD,TSS,P,TKN,pH)	0	\$ 74.76	\$ -
Analysis (7 metals, Hg, As)	0	\$ -	\$ -
Lab Costs per Year		Subtotal	\$1,024.74
Billing Costs per Year			\$ 177.64
Overhead Costs per Year			\$ 161.32
Total Admin Costs per Year			\$1,363.69

PATS Admin Costs per 1,000 Gal

Total Admin Costs	\$ 1,363.69
Total 1,000 Gal	165.0
Total \$/1000 Gal	\$ 8.26

PATS Hauled Waste Rate

Class 2 Rates

	2020					2021
	Sampling					Rate
BOD	279 mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 272.11	per 1,000 lbs =		\$ 0.63
TSS	349 mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 335.27	per 1,000 lbs =		\$ 0.97
Phos	12.0 mg/L	x 0.001 MGD x 8.34 lb/gal x	\$ 2,188.00	per 1,000 lbs =		\$ 0.22
Volume			\$ 1.19	per 1,000 gal =		\$ 1.19
Admin Cost				Above		\$ 8.26
				Total		\$ 11.27
					per 1,000 gal	

PATS Hauled Waste Rate

Class 1 Rates

			2021
			Rate
Volume		\$2.26 per 1,000 gal =	\$2.26
Admin Cost		Above	\$ 8.26
		Total	\$ 10.52
			per 1,000 gal

Note: Racine City Code Section 98-149 (f) authorizes a Class II surcharge at any time that Class II charges exceed Class I charges after applying approved Class I and Class II rates, regardless if normal domestic strength concentration thresholds are exceeded. The Utility shall charge the greater of the two calculated charges. (Ord. No. 08-13, pts. 1, 2, 5-29-13)