







BRAINERD PUBLIC UTILITIES

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BRAINERD PUBLIC UTILITIES WASTEWATER TREATMENT CHARGES FOR THE CITY OF BAXTER FOR June 2025

Baxter Monthly Flow and Loading Data

Number of days in billing period	31
Total flow for period (gallons)	20,793,000
Average Daily Flow (MGD)	0.671
CBOD (mg/L)	157.3
TSS (mg/L)	307.0
TP (mg/L)	8.4

I. Base Charges

Base Capital Charge	\$0.00
Base Operating Charge	81,095.66
Subtotal for Period	\$81,095.66

II. Excess Charges

Excess Capital Charge	\$0.00
Excess Operating Charges	
Excess Flow	0.00
Excess Loading	0.00
Excess Strength	0.00
Subtotal for Period	\$0.00

III. Base and Excess Charge Adjustments

— ('True up' from previous year based on actual Operating Costs)

Operating Charges Previously Billed	\$0.00
True-up Charges	0.00
Excess Operating Charge Adjustments	
Excess Flow Adjustment	0.00
Excess Loading Adjustment	0.00
Excess Strength Adjustment	0.00
Subtotal for Period	\$0.00
Total for Period	<u><u>\$81,095.66</u></u>

Monthly Input Data

for
June 2025

Current Month	June
Year	2025
Number of days in billing period	31

Flow

	Brainerd	Baxter	Total
Total flow for period (gallons)	38,314,000	20,793,000	59,107,000
Average Daily Flow (MGD)	1.236	0.671	1.907

Loading

Measurement Number	Brainerd				Baxter			
	CBOD (mg/L)	TSS (mg/L)	TP (mg/L)	TM (ng/L)	CBOD (mg/L)	TSS (mg/L)	TP (mg/L)	TM (ng/L)
1	148	268	6.75		163	284	7.50	
2	138	243	8.05		143	344	8.70	
3	88	200	7.65		110	284	8.90	
4	126	252			152	307		
5	121	255			181	365		
6	106	235			129	279		
7	138	263			206	364		
8	130	249			176	224		
9	135	284			156	312		
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Average Daily Loadings (conc.)	126	250	7.5	#DIV/0!	157	307	8.4	#DIV/0!
Average Daily Loadings (lbs/d)	1,295	2,577	77	-	881	1,718	47	-
Average Daily Loadings (mg/d)	-	-	-	#DIV/0!	-	-	-	#DIV/0!

Most Recent Twelve Months Input Data

Brainerd Most Recent Twelve Months Data

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	April	May	June	Average	mg/L
Flow (MGD)	1.752	1.403	1.256	1.133	1.089	1.108	1.130	1.143	1.154	1.206	1.280	1.236	1.241	
CBOD (lbs/d)	1,081	930	1,023	1,347	1,287	1,213	1,073	1,361	1,245	1,524	1,599	1,295	1,248	121
TSS (lbs/d)	2,312	1,991	1,929	2,530	2,440	1,947	2,015	2,231	2,099	2,646	2,810	2,577	2,294	222
TP (lbs/d)	68	59	69	53	65	64	67	70	72	72	84	77		

Baxter Most Recent Twelve Months Data

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	April	May	June	Average	mg/L
Flow (MGD)	0.719	0.677	0.664	0.659	0.612	0.620	0.612	0.622	0.649	0.640	0.660	0.671	0.651	
CBOD (lbs/d)	991	1,006	1,015	1,279	1,074	1,120	952	1,140	997	1,091	820	881	1,030	190
TSS (lbs/d)	1,607	1,623	1,540	1,871	1,594	1,515	1,407	1,740	1,540	1,530	1,640	1,718	1,610	297
TP (lbs/d)	47	45	42	42	40	42	39	42	44	42	48	47		

Base Charge Calculations

for
June 2025

Base Capital Charge Calculations

(Based on the estimated Phase I capital costs, actual costs will be dependent upon interest rates, construction bids, etc.)

Capital Cost: \$0

PFA Interest Rate: 3.233%
Repayment Period (years) 20

	Weight	Brainerd Allocation		Baxter Allocation		Subtotals
	(%)	(%)	(\$)	(%)	(\$)	(\$)
Flow	30%	66.67%	\$0	33.33%	\$0	\$0
CBOD	30%	66.67%	\$0	33.33%	\$0	\$0
TSS	30%	66.67%	\$0	33.33%	\$0	\$0
TP	10%	66.67%	\$0	33.33%	\$0	\$0
		Totals	\$0		\$0	\$0

	Brainerd	Baxter
Monthly Charges	\$0.00	\$0.00

Base Operating Charge Calculations

Brainerd

Current Month Flow and Loading Data

Average Daily Flow (MGD)	1.236
CBOD (mg/L)	125.6
TSS (mg/L)	249.9
TP (mg/L)	7.5

Current Month Operating Charge

	Base Unit Cost		Mass	Monthly Cost
	(\$)	Units	(lbs/day)	(\$)
Flow	\$1.069	1000 gal	NA	\$40,941
CBOD	\$0.938	lb CBOD	1,295	\$37,662
TSS	\$0.475	lb TSS	2,577	\$37,957
TP	\$5.481	lb TP	77	\$13,115
		Subtotal		\$129,674.82

Baxter

Current Month Flow and Loading Data

Average Daily Flow (MGD)	0.671
CBOD (mg/L)	157.3
TSS (mg/L)	307.0
TP (mg/L)	8.4

Current Month Operating Charge

	Base Unit Cost		Mass	Monthly Cost
	(\$)	Units	(lbs/day)	(\$)
Flow	\$1.069	1000 gal	NA	\$22,219
CBOD	\$0.938	lb CBOD	881	\$25,612
TSS	\$0.475	lb TSS	1,718	\$25,307
TP	\$5.481	lb TP	47	\$7,957
		Subtotal		\$81,095.66

Annual Input Data

Total Annual Operating Cost: \$2,458,970

Calculate Base Unit Costs

Total Flow and Loading Estimate from Brainerd and Baxter (estimate at beginning of year to establish annual base unit operating costs)			
	Brainerd	Baxter	Brainerd and Baxter
Average Daily Flow (MGD)	1.241	0.651	1.891
CBOD (mg/L)	126	157	136
TSS (mg/L)	250	307	270
TP (mg/L)	7.5	8.4	7.8

	Weight	Base Unit Cost		Mass	Annual Cost
	(%)	(\$)	Units	(lbs/day)	(\$)
Flow	30%	\$1.069	1000 gal	NA	\$737,691
CBOD	30%	\$0.938	lb CBOD	2,154	\$737,691
TSS	30%	\$0.475	lb TSS	4,254	\$737,691
TP	10%	\$5.481	lb TP	123	\$245,897
Subtotals					\$2,458,970

WWTP Influent and Effluent Flows						
Date		BRD/BAX's Influent	BRD/BAX's Infl. Total	Baxter's Influent	Baxter's Daily Total	Brainerd's Daily Total
31-May	Sat	10,865,671,000	1.851	3,256,716,000	0.677	1.174
30-May	Fri	10,863,664,000	2.007	3,255,989,000	0.727	1.280
29-May	Thu	10,861,642,000	2.022	3,255,284,000	0.705	1.317
28-May	Wed	10,859,660,000	1.982	3,254,594,000	0.690	1.292
27-May	Tue	10,857,669,000	1.991	3,253,908,000	0.686	1.305
26-May	Mon	10,855,721,000	1.948	3,253,258,000	0.650	1.298
25-May	Sun	10,853,943,000	1.778	3,252,630,000	0.628	1.150
24-May	Sat	10,852,124,000	1.819	3,251,986,000	0.644	1.175
23-May	Fri	10,850,162,000	1.962	3,251,309,000	0.677	1.285
22-May	Thu	10,848,178,000	1.984	3,250,632,000	0.677	1.307
21-May	Wed	10,846,179,000	1.999	3,250,010,000	0.622	1.377
20-May	Tue	10,844,147,000	2.032	3,249,412,000	0.598	1.434
19-May	Mon	10,842,215,000	1.932	3,248,756,000	0.656	1.276
18-May	Sun	10,840,268,000	1.947	3,248,085,000	0.671	1.276
17-May	Sat	10,838,454,000	1.814	3,247,462,000	0.623	1.191
16-May	Fri	10,836,571,000	1.883	3,246,850,000	0.612	1.271
15-May	Thu	10,834,573,000	1.998	3,246,204,000	0.646	1.352
14-May	Wed	10,832,483,000	2.090	3,245,462,000	0.742	1.348
13-May	Tue	10,830,355,000	2.128	3,244,702,000	0.760	1.368
12-May	Mon	10,828,235,000	2.120	3,243,933,000	0.769	1.351
11-May	Sun	10,826,288,000	1.947	3,243,262,000	0.671	1.276
10-May	Sat	10,824,362,000	1.926	3,242,581,000	0.681	1.245
9-May	Fri	10,822,367,000	1.995	3,241,890,000	0.691	1.304
8-May	Thu	10,820,390,000	1.977	3,241,217,000	0.673	1.304
7-May	Wed	10,818,418,000	1.972	3,240,526,000	0.691	1.281
6-May	Tue	10,816,414,000	2.004	3,239,849,000	0.677	1.327
5-May	Mon	10,814,399,000	2.015	3,239,152,000	0.697	1.318
4-May	Sun	10,812,490,000	1.909	3,238,505,000	0.647	1.262
3-May	Sat	10,810,660,000	1.830	3,237,865,000	0.640	1.190
2-May	Fri	10,808,779,000	1.881	3,237,240,000	0.625	1.256
1-May	Thu	10,806,913,000	1.866	3,236,628,000	0.612	1.254
30-Apr	Wed	10,804,996,000	1.917	3,235,987,000	0.641	1.276
	Min		1.778		0.598	1.150
	Max		2.128		0.769	1.434
	Ave		1.955		0.670	1.285

WWTP Influent and Effluent Flows

Date	BRD/BAX's Influent	BRD/BAX's Infl. Total	Baxter's Influent	Baxter's Daily Total	Brainerd's Daily Total
30-Jun Mon					
29-Jun Sun					
28-Jun Sat					
27-Jun Fri					
26-Jun Thu					
25-Jun Wed	10,913,184,000	1.910	3,273,674,000	0.637	1.273
24-Jun Tue	10,911,231,000	1.953	3,272,959,000	0.715	1.238
23-Jun Mon	10,909,223,000	2.008	3,272,248,000	0.711	1.297
22-Jun Sun	10,907,258,000	1.965	3,271,554,000	0.694	1.271
21-Jun Sat	10,905,330,000	1.928	3,270,839,000	0.715	1.213
20-Jun Fri	10,903,386,000	1.944	3,270,131,000	0.708	1.236
19-Jun Thu	10,901,461,000	1.925	3,269,436,000	0.695	1.230
18-Jun Wed	10,899,494,000	1.967	3,268,735,000	0.701	1.266
17-Jun Tue	10,897,543,000	1.951	3,268,061,000	0.674	1.277
16-Jun Mon	10,895,583,000	1.960	3,267,401,000	0.660	1.300
15-Jun Sun	10,893,783,000	1.800	3,266,767,000	0.634	1.166
14-Jun Sat	10,892,010,000	1.773	3,266,123,000	0.644	1.129
13-Jun Fri	10,890,226,000	1.784	3,265,498,000	0.625	1.159
12-Jun Thu	10,888,425,000	1.801	3,264,842,000	0.656	1.145
11-Jun Wed	10,886,529,000	1.896	3,264,155,000	0.687	1.209
10-Jun Tue	10,884,622,000	1.907	3,263,454,000	0.701	1.206
9-Jun Mon	10,882,705,000	1.917	3,262,792,000	0.662	1.255
8-Jun Sun	10,880,820,000	1.885	3,262,160,000	0.632	1.253
7-Jun Sat	10,878,992,000	1.828	3,261,505,000	0.655	1.173
6-Jun Fri	10,877,093,000	1.899	3,260,836,000	0.669	1.230
5-Jun Thu	10,875,216,000	1.877	3,260,160,000	0.676	1.201
4-Jun Wed	10,873,339,000	1.877	3,259,474,000	0.686	1.191
3-Jun Tue	10,871,413,000	1.926	3,258,764,000	0.710	1.216
2-Jun Mon	10,869,442,000	1.971	3,258,073,000	0.691	1.280
1-Jun Sun	10,867,522,000	1.920	3,257,393,000	0.680	1.240
31-May Sat	10,865,671,000	1.851	3,256,716,000	0.677	1.174

Min	1.773	0.625	1.129
Max	2.008	0.715	1.300
Ave	1.901	0.677	1.226

Total Rain

47.572

17

30.654

Brainerd Public Utilities

8027 Highland Scenic Road
Post Office Box 373
Brainerd MN 56401-0373

Business Office: 218-829-8726
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Summer 2025 / Volume 38



Electricity - Water - Wastewater - Hydro

Electric and Wastewater Treatment Rate Increase

At the April 25, 2025, Commission meeting, Commission voted to increase the electric and wastewater treatment rates.

It was determined that adjusting these rates will contribute to the sustained health of the utility and offset the increases in costs seen throughout the last few years.

These adjustments will take effect on June 1, 2025 and be reflected on July bills for June's usage.

Note:

Water and wastewater treatment customers outside the City limits will be charged 200 percent.

Wastewater Treatment Rates Effective June 1st, 2025

Monthly Service Charge

Meter Size	DEBT SERVICE		WASTE TREATMENT	
	Current	New	Current	New
3/4"	\$ 5.00	\$ 5.25	\$ 16.30	\$ 18.15
1"	6.50	6.85	19.10	21.30
1 1/2"	9.00	9.45	21.80	24.45
2"	11.00	11.55	22.90	25.75
3"	15.50	16.30	30.90	34.58
4"	19.50	20.50	35.60	40.05
6"	27.50	28.90	42.40	47.95

Commodity Charge

Per 1,000 Gal \$ 3.65 \$ 4.05

Electric Rates Effective June 1st, 2025

Reflected on July bills for your June usage

Class	Monthly Charge	All kWh	0 - 2500 kWh	Excess of 2500 kWh	Demand Per kW	Demand First 8 kW	Demand Excess kW
Residential	\$ 18.50	\$ 0.09232	-	-	-	-	-
Commercial - 1 PH	26.00	0.11185	-	-	-	-	-
Commercial - 3 PH	33.00	0.11185	-	-	-	-	-
Small General Service - 1 PH	55.95	-	\$ 0.09440	\$ 0.08448	-	\$ 3.75	\$ 9.25
Small General Service - 3 PH	69.95	-	\$ 0.09440	\$ 0.08448	-	3.75	9.25
Medium General Service - 3 PH	99.95	0.06138	-	-	\$ 16.85	-	-
Large General Service - 3 PH	150.00	0.06192	-	-	15.00	-	-
Large Power	220.00	0.09310	-	-	14.00	-	-
Duel Fuel	8.35	0.06657	-	-	-	-	-
Off Peak Energy	8.35	0.06655	-	-	-	-	-
Security Lights - No increase	12.50	-	-	-	-	-	-

ALL ELECTRICAL WORK performed in the City of Brainerd requires an "Electrical Inspection" form to be filed with the State of Minnesota.

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LABOR AND INDUSTRY