

**Action Requested/Required:**

- ☐ Vote/Action Requested
☒ Discussion or Presentation Only
☐ Public Hearing
Report Date: _____
Hearing Date: _____
Voting Date: _____

Department: City Management **Presenter(s) & Title:** Nathan Ingram, Assistant City Manager

Agenda Item Title:

Review of Sewer Credit Request from Northside Hospital

Summary:

Northside experienced an issue with their A/C coolant tower water meter almost three years ago. This is a meter that is owned by the Hospital. Historically, it was read each month, the reading provided to the City, and a sewer only credit applied to their master account. After the meter was replaced, Northside failed to notify the City of a new meter, and failed to provide the City with readings necessary to provide this credit on an ongoing basis.

Northside has now come to the City requesting that we re-implement the sewer credit process (which I have requested a written agreement regarding this) and provide a 1-year sewer credit for amounts previously invoiced.

You have a letter from Northside Hospital's Engineering Dept along with a proposed sewer credit that City staff has calculated.

Budget Implications:

Budgeted? ☐ Yes ☒ No ☐ N/A

Total Cost of Project: \$ 143,893.99 Check if Estimated ☐

Fund Source: General Fund ☐ Water & Sewer ☒ Sales Tax ☐ Other: _____

Staff Recommendations:

Staff will make a recommendation at Council's October 16th meeting.

Reviews:

Has this been reviewed by Management and Legal Counsel, if required? ☒ Yes ☐ No

Attachments:

Request Letter from Northside Hospital's Engineering Dept.
Staff's calculation of proposed sewer credit

September 9, 2025

Northside Hospital Cherokee
450 Northside Cherokee Blvd
Canton, GA 30115

Mr. Nathan Ingram
Assistant City Manager
City of Canton
110 Academy Street
Canton, GA 30114

Dear Mr. Ingram:

The intention of this letter is to request a 12-month arrears sewer credit for make-up water that was evaporated via the hospital's cooling towers from August 26, 2024 through August 22, 2025. The water flowed through meter 1540992976 on Account 0030-001065-001.

The water usage was measured by an ultrasonic meter that measures make-up water to the common cooling tower supply piping. This meter is a few feet upstream of the 3-inch Neptune meter (meter number 70391158) that was previously used to calculate monthly sewer credits before it malfunctioned in August 2022.

The monthly readings during this period and corresponding usage are presented in Appendix 1. Also included in Appendix 1 is the monthly usage that was measured by meter 70391158 from August 2021 to July 2022. This data is presented for a historical monthly comparison to demonstrate the reliability of the ultrasonic meter.

There is not currently a blow-down meter, but the accepted industry standard blow-down rate is 4 to 8%. The usage calculation in the credit request assumes that 8% of the make-up water discharges to the sewer, and this amount is subtracted from the make-up usage.

The water usage that a sewer credit is being requested for over the 12-month period from August 26, 2024 to August 22, 2025 is 13,301,986 gallons.

Sincerely,

Brad Walker
Engineering Manager
770-224-1000
brad.walker@northside.com

 9/9/2025

Northside Cherokee Hospital Cooling Tower make-up readings September 2024 - August 2025

Account 0030-001065-001

Date	Ultrasonic cooling tower make-up meter reading (gal)	3" Cooling Tower Meter Consumption	6" Main Meter Consumption	Calculation of Potential Sewer Credit			Original Bill (W&S)
				Applicable Sewer Rate	Potential Sewer Credit	After Removing ~8% Blowdown	
8/26/2024	21362582						
9/18/2024	22614770	1,252,188	2,736,000	10.58/kgal	\$ 13,248.15	\$ 12,188.30	\$ 80,616.69
10/24/2024	24070178	1,455,408	2,383,000	10.84/kgal	15,776.62	14,514.49	76,850.80
11/21/2024	24951630	881,452	1,846,000	10.84/kgal	9,554.94	8,790.54	66,936.21
12/23/2024	25415452	463,822	1,518,000	10.84/kgal	5,027.83	4,625.60	56,980.41
1/24/2025	25863968	448,516	1,456,000	10.84/kgal	4,861.91	4,472.96	52,087.25
2/27/2025	26493396	629,428	1,414,000	10.84/kgal	6,823.00	6,277.16	50,379.35
3/27/2025	27203580	710,184	1,426,000	10.84/kgal	7,698.39	7,082.52	48,796.09
4/23/2025	28210818	1,007,238	1,912,000	10.84/kgal	10,918.46	10,044.98	59,242.04
5/27/2025	29773118	1,562,300	2,115,000	10.84/kgal	16,935.33	15,580.50	65,079.58
6/19/2025	31071376	1,298,258	2,427,000	10.84/kgal	14,073.12	12,947.27	78,363.35
7/16/2025	33102624	2,031,248	3,080,000	10.84/kgal	22,018.73	20,257.23	96,513.35
8/22/2025	35821262	2,718,638	3,364,000	10.84/kgal	29,470.04	27,112.44	98,320.65
	Total 12-month usage	14,458,680	25,677,000			\$ 143,893.99	\$ 830,165.77

FY '24 Rate

FY '25 Rate

Main Meter is a 6" Meter. Cooling Tower is a 3" Meter w/ ~8% of water going to sewer via 'Blowdown'

Sewer rate is \$10.84/kgal for FY '25; \$10.58/kgal for FY '24

Appendix 1

Back-up Ultrasonic meter data			3-inch Neptune meter 70391158 data	
Date	Ultrasonic cooling tower make-up meter reading (gal)	Monthly usage (gal)	Month	3-inch Neptune meter monthly usage (gal)
8/26/2024	21362582			
9/18/2024	22614770	1252188	Sep-21	1286900
10/24/2024	24070178	1455408	Oct-21	904600
11/21/2024	24951630	881452	Nov-21	457500
12/23/2024	25415452	463822	Dec-21*	390500
1/24/2025	25863968	448516	Jan-22	323500
2/27/2025	26493396	629428	Feb-22	513100
3/27/2025	27203580	710184	Mar-22	570800
4/23/2025	28210818	1007238	Apr-22	995600
5/27/2025	29773118	1562300	May-22	1513000
6/19/2025	31071376	1298258	Jun-22	2320500
7/16/2025	33102624	2031248	Jul-22	2221500
8/22/2025	35821262	2718638	Aug-21	2095200
	Total 12-month usage	14458680		13592700
	Estimated blowdown rate	8%		8%
	Total 12-month evaporated gal	13301986		12505284

*December 2021 usage is estimated. Did not have access to the actual bill.