



GAS & WATER COMMITTEE AGENDA

DATE: April 22, 2021

TIME: 4:00 p.m.

LOCATION: Via Zoom

Join Zoom Meeting

<https://zoom.us/j/99496260046?pwd=aUNaOC82VDIJY1pZQ1INT2NxVnRQQT09>

Meeting ID: 994 9626 0046

Passcode: 869412

Dial by your location

+1 312 626 6799 US (Chicago)

IN AN EFFORT TO FACILITATE THE RESPONSE TO CORONAVIRUS DISEASE 2019 (COVID-19), THIS MEETING WILL BE CONDUCTED VIA ZOOM. AN AUDIO RECORDING OF THE PROCEEDINGS WILL BE MADE AVAILABLE TO THE PUBLIC WITHIN 48 HOURS. MEMBERS OF THE PUBLIC ARE, BY LAW, ALLOWED TO ATTEND MEETINGS OF THE CITY OF CLARKSVILLE GAS & WATER COMMITTEE, BUT ARE STRONGLY DISCOURAGED TO DO SO AT THIS TIME.

I. CALL TO ORDER

II. ANNOUNCE MEMBERS IN ATTENDANCE (VERIFY QUORUM)

III. APPROVAL OF ELECTRONIC MEETING

In order to comply with the technical aspects of the Governor's Executive Order regarding holding open meetings in a forum other than in the open and in public, this governing body determines that meeting electronically is necessary to protect the health, safety, and welfare of its citizens due to the COVID-19 outbreak.

IV. ADOPTION OF MINUTES: March 18, 2021

V. DEPARTMENT REPORTS:

1. Bid – Summary – Camille Thomas (attached)
2. Sale of surplus property on GovDeals.com for the month of March 2021 - \$3,070.00.– Camille Thomas (attached)
3. Bad Debt – Dawn Thomack (attached)
4. Financials – Dawn Thomack (attached)
5. Department Reports – Mark Riggins (attached)

VI. COMMITTEE ACTION REQUIRED

N/A

VII. CITY COUNCIL ACTION REQUIRED

- 1. ORDINANCE 94-2021-22** Accepting the donation of certain real property from Larry Metcalf to the City of Clarksville for the purpose of a sewer pump station. – Mark Riggins (attached)
- 2. ORDINANCE 95-2021-22** Accepting the donation of certain real property from Todd E. Morris to the City of Clarksville for the purpose of a sewer pump station. – Mark Riggins (attached)
- 3. ORDINANCE 96-2021-22** Amending Part II (Code of Ordinances), Title 13 (Utilities and Service), Chapter 3 (Gas, Water, and Sewer Service) of the City of Clarksville relative to water and sewer rates. – Mark Riggins

VIII. ADJOURNMENT

IX. PUBLIC COMMENTS (5 minutes each)



GAS & WATER COMMITTEE March 18, 2020

MINUTES

CALL TO ORDER

A meeting of the City of Clarksville Gas & Water Committee was called to order by Councilwoman Stacey Streetman, on Thursday, March 18, 2020, at 4:30 p.m. This meeting was conducted via Zoom.

ATTENDANCE

The following were connected to the meet:

Councilwoman Stacey Streetman, Councilwoman Wanda Allen, Mark Riggins, Fred Klein, Dawn Thomack, Camille Thomas, Stephanie Fox, and Mandy Phillips.

APPROVAL OF ELECTRONIC MEETING

In order to comply with the technical aspects of the Governor's Executive Order regarding holding open meetings in a forum other than in the open and in public, the Gas & Water Committee determines that meeting electronically is necessary to protect the health, safety, and welfare of its citizens due to the COVID-19 outbreak.

Councilwoman Wanda Allen made a motion to approve the electronic meeting, Councilwoman Stacey Streetman seconded it, and the motion passed unanimously.

ADOPTIONS OF MINUTES

Councilwoman Wanda Allen made a motion to approve the minutes of the January 21, 2021 committee meeting, Councilwoman Stacey Streetman seconded it, and the motion passed unanimously.

DEPARTMENT REPORTS

Bad Debt was reported by Fred Klein by explaining the write-off report for the month of February 2021.

Fred Klein also reported the Financials for the month of February 2021.

Camille Thomas reported the Bid-Summary for the month.

Camille Thomas also reported the following Professional Services for the month:

- Fee increase for the design of the Main Complex Fire & Security System Replacement from WBW Engineering, Inc. in the amount of \$12,340.00 for a total contracted cost of \$26,350.00.

Mark Riggins presented and discussed the department reports included in the packet.

COMMITTEE ACTION REQUIRED

N/A

CITY COUNCIL ACTION REQUIRED

RESOLUTION 64-2021-22 Authorizing an interlocal agreement between the City of Guthrie, Kentucky and the City of Clarksville, Tennessee for cooperative participation in the Todd County Natural Gas District. Councilwoman Wanda Allen made a motion for approval, Councilwoman Stacey Streetman seconded it, and the same passed unanimously.

RESOLUTION 63-2021-22 Authorizing an interlocal agreement between the City of Clarksville, Tennessee and Bi-County Solid Waste Management for acceptance of biosolids from the wastewater treatment plant. Councilwoman Wanda Allen made a motion for approval, Councilwoman Stacey Streetman seconded it, and the same passed unanimously.

ADJOURNMENT

The meeting was adjourned at 4:59 p.m.

GAS & WATER DEPARTMENT
BID SUMMARY
April 22, 2021

The following bids/proposals have been solicited, opened and have been approved by the Purchasing Director. All are low bid/proposal except where noted.

<u>BID #</u>	<u>DESCRIPTION</u>	<u>AWARDED TO</u>	<u>AMOUNT</u>
4150	Sodium Hypochlorite	Olin Chlor Alkali Products & Vinyl	\$0.846/gallon

SOLE SOURCE PURCHASES

1. Future purchases of GE/Dresser Roots meters and parts from Tri-State Meter and Regulator.
2. Future purchases of Belgas regulators and parts from Tri-State Meter and Regulator.
3. Future purchases of Mercury/Honeywell products and parts from Ed Young Sales.
4. Future purchases of Elster American meters and repair parts from Ed Young Sales.
5. Future purchases of Lead and Copper Rule Revision compliance support, services and software from 120Water.
6. Future purchases of parts, service and maintenance of Kohler brand generators from Nixon Power Systems.

Bid 4150- Sodium Hypochlorite

Olin Chlor Alkali Products & Vinyl	\$0.846/gallon*
Brenntag Mid-South, Inc.	\$0.8748/gallon
Hawkins, Inc.	\$0.96/gallon
Allied Universal	No Bid
Core Chem, Inc.	No Bid
Harcros Chemical	No Response
Vertex Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions, Inc.	No Response
Industrial Chemical, Inc.	No Response
American Development	No Response
US Peroxide, LLC	No Response
Siemens Industry, Inc.	No Response
Chem Trade	No Response
Shannon Chemical Corporation	No Response
Taylor Chemical Group	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries, Inc.	No Response
G20 Technologies	No Response

Marubeni Specialty Chemicals	No Response
Premier Magnesia, LLC.	No Response
Aulick Chemical Solutions, Inc.	No Response
Solenis, LLC	No Response
Geo Specialty Chemicals	No Response
OxBow Activated Carbon, LLC	No Response
USALCO, LLC.	No Response

*Department Recommendation

Clarksville Gas and Water Department, TN
Date range: 01 Mar 2021 - 31 Mar 2021

<u>ID</u> ↑	<u>Description</u>	<u>VIN/Serial</u>	<u>Buyer</u>	<u>Type</u>	<u>Sold Amount</u>	<u>Auction Ended</u>	<u>Credit Date</u>
305	Miscellaneous janitorial lot		Matt Helms	USD	\$185.00	05 Mar 2021 09:00 AM ET	
306	HEATERS, LOCATORS, METERS/COVERS		Mike Chestnut	USD	\$222.50	30 Mar 2021 07:23 PM ET	
307	GAS 4-BURNER ISLAND CABINET		Anthony Townsend	USD	\$235.00	30 Mar 2021 07:25 PM ET	
308	GAS 5-BURNER ISLAND CABINET		Gregory Farmer	USD	\$252.00	30 Mar 2021 07:29 PM ET	
309	KENMORE GAS DRYER		Montgomery Davie	USD	\$50.50	30 Mar 2021 07:32 PM ET	
310	AIR COMPRESSORS		Greg May	USD	\$576.00	30 Mar 2021 07:38 PM ET	
311	A/C WINDOW UNITS		Anthony Townsend	USD	\$102.00	30 Mar 2021 07:46 PM ET	

<u>ID ↑</u>	<u>Description</u>	<u>VIN/Serial</u>	<u>Buyer</u>	<u>Type</u>	<u>Sold Amount</u>	<u>Auction Ended</u>	<u>Credit Date</u>
312	DIGITAL IMAGER/COPIER		Anthony Townsend	USD	\$4.00	30 Mar 2021 07:53 PM ET	
313	WELDER-GENERATOR		Ray Jauch	USD	\$1,300.50	30 Mar 2021 07:56 PM ET	
314	100 GALLON FUEL TANKS		Edward Singleton	USD	\$142.50	30 Mar 2021 07:58 PM ET	
					\$3,070.00		

Clarksville Gas & Water Department

12 Month Rolling Collections/Write-offs

Date	Total Turned Over	# of Accounts	Avg Acct Turned Over	Total Collected		Total Write-offs	# of Write-Offs	Avg Acct Write-off
Apr-20	\$ 24,150.83	165	\$ 146.37	\$ 4,076.06		\$ 8,402.79	100	\$ 84.03
May-20	\$ 10,665.92	75	\$ 142.21	\$ 5,337.53		\$ 4,984.85	49	\$ 101.73
Jun-20	\$ 5,511.01	59	\$ 93.41	\$ 5,349.91		\$ 6,391.85	53	\$ 120.60
Jul-20	\$ 3,583.19	43	\$ 83.33	\$ 4,172.42		\$ 23,920.03	101	\$ 236.83
Aug-20	\$ 5,806.25	46	\$ 126.22	\$ 5,853.15		\$ 17,057.35	88	\$ 193.83
Sep-20	\$ 9,388.82	78	\$ 120.37	\$ 3,911.12		\$ 11,862.94	71	\$ 167.08
Oct-20	\$ 19,212.62	123	\$ 156.20	\$ 4,228.98		\$ 8,320.33	73	\$ 113.98
Nov-20	\$ 31,541.45	147	\$ 214.57	\$ 3,264.89		\$ 6,359.51	58	\$ 109.65
Dec-20	\$ 20,095.03	116	\$ 173.23	\$ 3,221.41		\$ 8,462.59	56	\$ 151.12
Jan-21	\$ 8,284.11	75	\$ 110.45	\$ 5,499.68		\$ 11,503.27	84	\$ 136.94
Feb-21	\$ 9,919.33	59	\$ 168.12	\$ 5,058.66		\$ 7,594.65	62	\$ 122.49
Mar-21	\$ 7,260.08	55	\$ 132.00	\$ 9,101.12		\$ 10,355.37	51	\$ 203.05
	\$ 155,418.64	1041	\$ 149.30	\$ 59,074.93		\$ 125,215.53	846	\$ 148.01

38.01%

CGW Water Department
March, 2021

	Month			Year to Date		
	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>
Sales to Customers	1,738,009	1,916,458	(178,450)	16,847,315	17,248,125	(400,810)
Penalties	22,410	27,500	(5,090)	230,049	247,500	(17,451)
Other Income	335,382	243,958	91,424	2,692,361	2,195,625	496,736
Gross Revenue	2,095,801	2,187,917	(92,116)	19,769,725	19,691,250	78,475
Water Plant 1	372,614	371,101	(1,513)	2,976,515	3,339,908	363,394
Water Plant 2	17,755	14,625	(3,130)	18,955	14,625	(4,330)
Water Transmission	529,405	464,855	(64,550)	4,068,491	4,183,698	115,207
Water Administration	30,781	26,030	(4,751)	276,743	234,273	(42,470)
Customer Service	341,037	263,487	(77,550)	2,778,461	2,371,383	(407,078)
Accounting	60,350	51,704	(8,646)	448,387	465,333	16,946
Engineering	91,611	119,276	27,665	900,452	1,073,486	173,035
Admin & General	62,578	71,049	8,471	562,632	639,443	76,811
Other Expenses	19,805	12,083	(7,722)	147,341	108,750	(38,591)
Depreciation	524,595	541,667	17,072	4,625,616	4,875,000	249,384
Total Operating Expenses	2,050,532	1,935,878	(114,655)	16,803,593	17,305,900	502,307
Income from Operations	45,269	252,039	(206,770)	2,966,132	2,385,350	580,782
Interest Income	3,465	36,500	(33,035)	55,997	328,500	(272,503)
Other Income (Expense)	702	1,667	(965)	6,094	15,000	(8,906)
Interest Expense	(67,360)	(78,981)	11,621	(699,198)	(710,831)	11,634
Debt Amortization Income	15,361	18,120	(2,759)	193,504	163,076	30,427
PILOT	(82,672)	(82,672)	(0)	(744,052)	(744,052)	0
Total Other Income (Expense)	(130,505)	(105,367)	(25,137)	(1,187,654)	(948,307)	(239,348)
Total Income / (Loss)	(85,236)	146,672	(231,907)	1,778,478	1,437,044	341,434
Capital Spend	1,576,021	2,076,000	499,979	5,145,309	13,050,000	7,904,691
Contributed Capital - Cash	-	-	-	-	-	-
Contributed Capital - Non-Cash	-	1,000,000	(1,000,000)	7,022,827	9,000,000	(1,977,174)

CGW Wastewater Department
March, 2021

	Month			Year to Date		
	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>
Sales to Customers	3,109,608	3,330,250	(220,642)	30,056,748	29,972,250	84,498
Penalties	41,522	50,000	(8,478)	409,926	450,000	(40,074)
Other Income	497,532	235,725	261,807	3,936,466	2,121,525	1,814,941
Gross Revenue	3,648,662	3,615,975	32,687	34,403,140	32,543,775	1,859,365
Wastewater Plant	436,379	442,601	6,222	3,397,226	3,983,411	586,185
Wastewater Collection	610,614	558,047	(52,567)	4,855,172	5,022,419	167,247
Wastewater Administration	63,828	34,932	(28,896)	486,099	314,387	(171,712)
Customer Service	178,114	167,995	(10,119)	1,538,971	1,511,954	(27,017)
Accounting	47,110	56,662	9,552	438,604	509,955	71,351
Engineering	99,184	133,700	34,515	1,076,680	1,203,296	126,616
Admin & General	62,730	62,871	141	562,870	565,838	2,968
Other Expenses	19,448	12,083	(7,364)	146,892	108,750	(38,142)
Depreciation	984,759	1,033,333	48,574	8,739,109	9,300,000	560,891
Total Operating Expenses	2,502,165	2,502,223	58	21,241,622	22,520,010	1,278,388
Income from Operations	1,146,497	1,113,752	32,745	13,161,517	10,023,765	3,137,752
Interest Income	5,364	32,083	(26,720)	75,266	288,750	(213,484)
Other Income (Expense)	702	667	35	941,167	6,000	935,167
Interest Expense	(500,251)	(563,934)	63,683	(4,815,775)	(5,075,407)	259,632
Debt Amortization Income	99,197	103,446	(4,249)	977,757	931,013	46,743
PILOT	(162,616)	(162,616)	-	(1,463,547)	(1,463,547)	-
Total Other Income (Expense)	(557,605)	(590,355)	32,749	(4,285,131)	(5,313,191)	1,028,059
Total Income / (Loss)	588,891	523,397	65,494	8,876,386	4,710,575	4,165,811
Capital Spend	846,190	1,481,000	634,810	7,247,949	16,251,000	9,003,051
Contributed Capital - Cash	-	-	-	-	-	-
Contributed Capital - Non-Cash	-	833,333	(833,333)	6,994,021	7,500,000	(505,980)

CGW Gas Department
March, 2021

	Month			Year to Date		
	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>
Sales to Customers	3,246,162	2,498,860	747,302	18,255,142	17,767,124	488,018
Penalties	22,201	16,667	5,534	10,649	150,000	(139,351)
Other Income	193,420	99,674	93,746	982,596	897,068	85,527
Gross Revenue	3,461,783	2,615,201	846,582	19,248,386	18,814,192	434,194
Cost of Gas	1,415,189	1,406,840	(8,349)	11,016,431	9,988,563	(1,027,868)
Gas Distribution	237,552	236,999	(553)	2,043,301	2,132,989	89,688
Gas Administration	192,410	210,049	17,639	1,556,459	1,890,445	333,986
Ft. Campbell Operations	38,943	41,774	2,831	411,601	375,966	(35,635)
Customer Service	104,951	100,534	(4,416)	926,006	904,808	(21,198)
Accounting	52,664	50,619	(2,045)	341,231	455,573	114,343
Engineering	47,422	59,795	12,372	407,196	538,154	130,957
Admin & General	62,433	58,527	(3,906)	561,187	526,741	(34,446)
Other Expenses	18,018	10,417	(7,602)	135,655	93,750	(41,905)
Depreciation	154,735	191,667	36,931	1,385,917	1,725,000	339,083
Total Operating Expenses	2,324,318	2,367,221	42,903	18,784,985	18,631,988	(152,996)
Income from Operations	1,137,465	247,980	889,485	463,402	182,204	281,198
Interest Income	3,902	32,500	(28,598)	52,156	292,500	(240,344)
Other Income (Expense)	702	2,083	(1,382)	6,113	18,750	(12,637)
Interest Expense	(14,029)	(16,051)	2,022	(144,706)	(144,463)	(243)
Debt Amortization Income	3,766	3,982	(216)	38,206	35,834	2,373
PILOT	(57,099)	(57,099)	-	(513,890)	(513,890)	-
Total Other Income (Expense)	(62,758)	(34,585)	(28,172)	(562,120)	(311,269)	(250,851)
Total Income / (Loss)	1,074,707	213,395	861,312	(98,718)	(129,065)	30,346
Capital Spend	356,224	391,000	34,776	2,337,431	5,112,000	2,774,569
Contributed Capital - Cash	31,802	-	31,802	66,971	-	66,971
Contributed Capital - Non-Cash	-	-	-	-	1,650,000	(1,650,000)

FY 2021 Debt Coverage

March, 2021

YTD Net Revenue through

Fiscal Period

9

Actual

System Gross Revenue	\$ 73,421,251
System Operating Expenses	56,830,200
	16,591,051
Add: Depreciation Expense	14,750,642
Other Revenue (Expense)	1,136,794
Net Revenues	\$ 32,478,486

Debt Coverage Ratio	2.14
Debt Coverage Ratio Goal	1.70
<i>FY 2020 Coverage Ratio</i>	<i>2.09</i>
<i>FY 2019 Coverage Ratio</i>	<i>2.12</i>

>2.00 = Aaa rating

1.70-2.00 = Aa rating

Debt to Operation Revenue Ratio

March, 2021

FY 2021 Budget

Total Debt	\$ 177,406,199
Operating Revenue	\$ 97,895,001
Debt/Operating Revenue	1.81

FY 2020 Budget

Total Debt	\$ 189,626,801
Operating Revenue	\$ 97,895,001
Debt/Operating Revenue	1.94

FY 2019 Actual

Total Debt	\$ 210,708,804
Operating Revenue	\$ 93,864,185
Debt/Operating Revenue	2.24

FY 2018 Actual

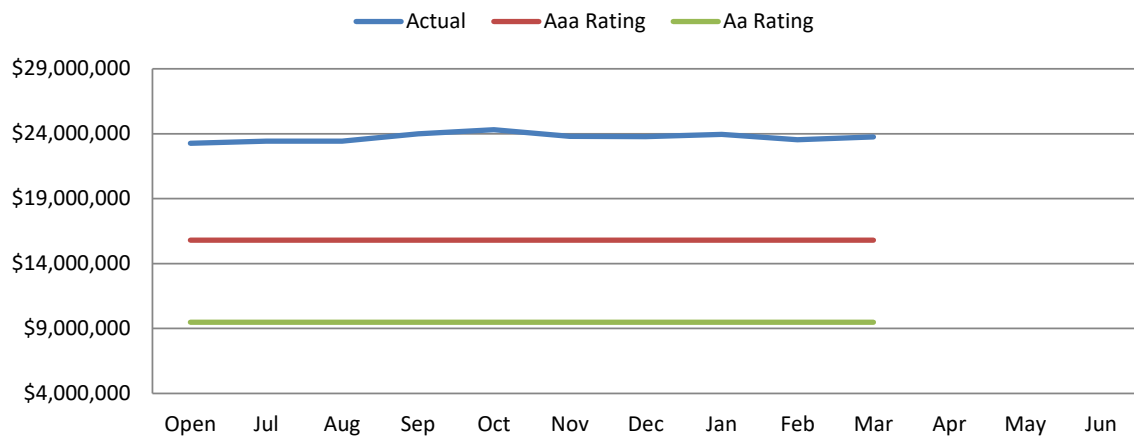
Total Debt	\$ 237,996,422
Operating Revenue	\$ 90,487,961
Debt/Operating Revenue	2.63

<2.00 = Aaa

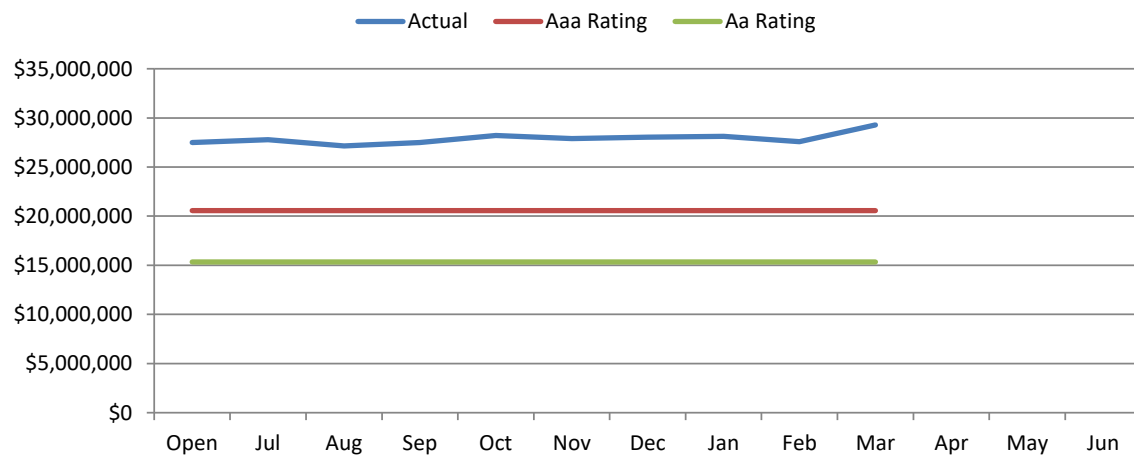
2.00 - 4.00 = Aa

Clarksville Gas & Water FY 2021

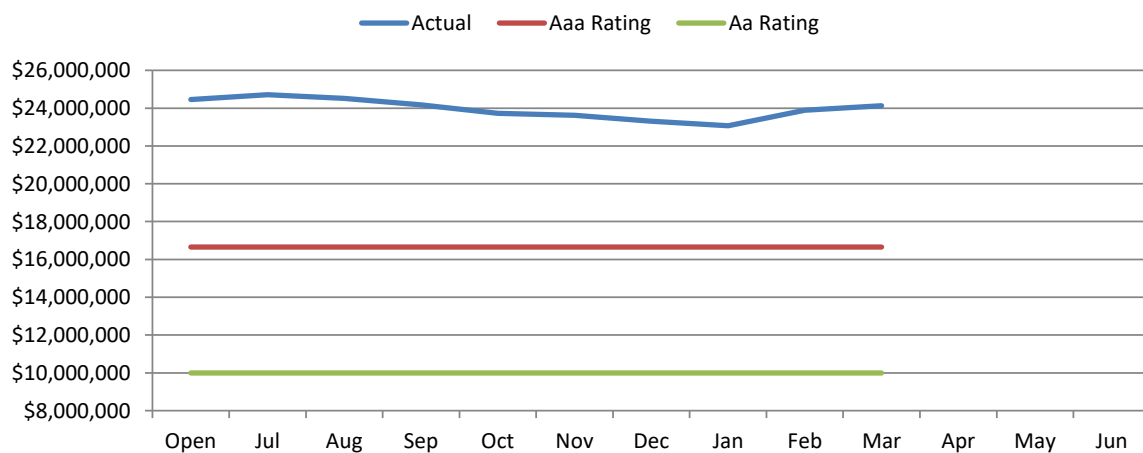
FY 2021 Available Cash - Water



FY 2021 Available Cash - Wastewater



FY 2021 Available Cash - Gas



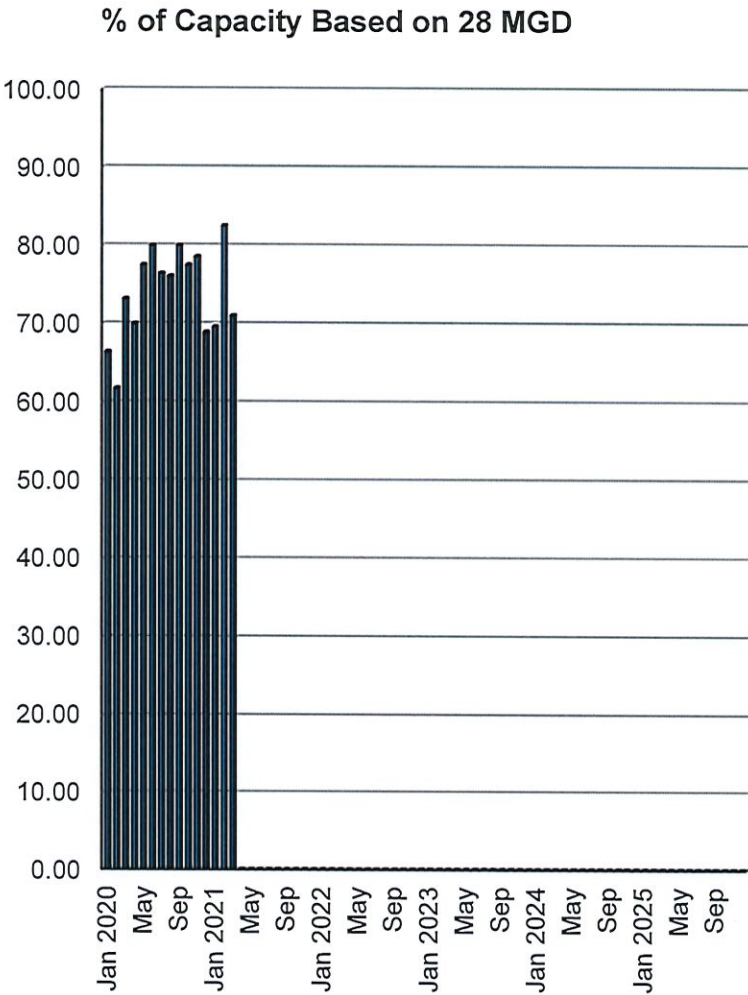
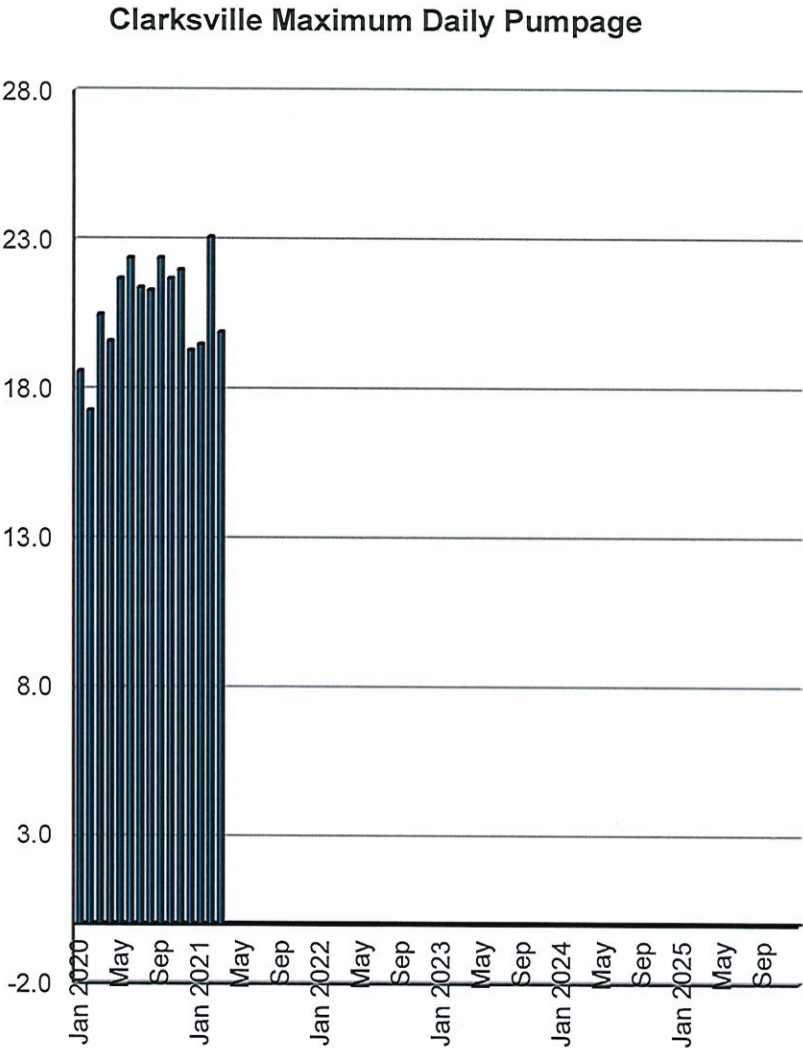


Monthly Activity Summary

March 2021

- Assessment Areas:
 - Hazelwood: cost \$2,727,241 / paid \$2,315,750 / remaining \$411,491
 - Oakland: cost \$881,876 / paid \$291,225 / remaining \$590,651
- Gas System distributed 537 million cubic feet and averaged 17.9 million cubic feet per day. That represents approximately 27.2 percent of the system's capacity.
- Water Plant pumped 543 million gallons of treated water into the system and averaged 17.5 million gallons per day. That represents approximately 62 percent of the plant's capacity.
- Wastewater Plant treated 602 million gallons of sewage and averaged 19.4 million gallons per day. That represents approximately 77 percent of the plant's capacity.
- The call center handled 12,593 calls and averaged 406 per day. Each call lasted an average of 3 minutes and 15 seconds.
- Service Department completed 5,699 work orders and responded to 259 after hour calls.
- Gas Division installed 32 new services totaling 3,275 feet of pipe and responded to 62 natural gas odor calls.
- Water Division repaired 78 water leaks totaling 1,683 feet of pipe, flushed 166 hydrants, and tested 1,208 backflow devices.
- Sewer Division made 31 point repairs totaling 365 feet of pipe, cleaned 14,377 feet of pipe, and reported 25 sewer overflows.
- Engineering Department approved 14 utility plans this month and currently has 31 on-going projects.
- Billing Department read 103,798 meters and sent a total of 93,625 bills and notices

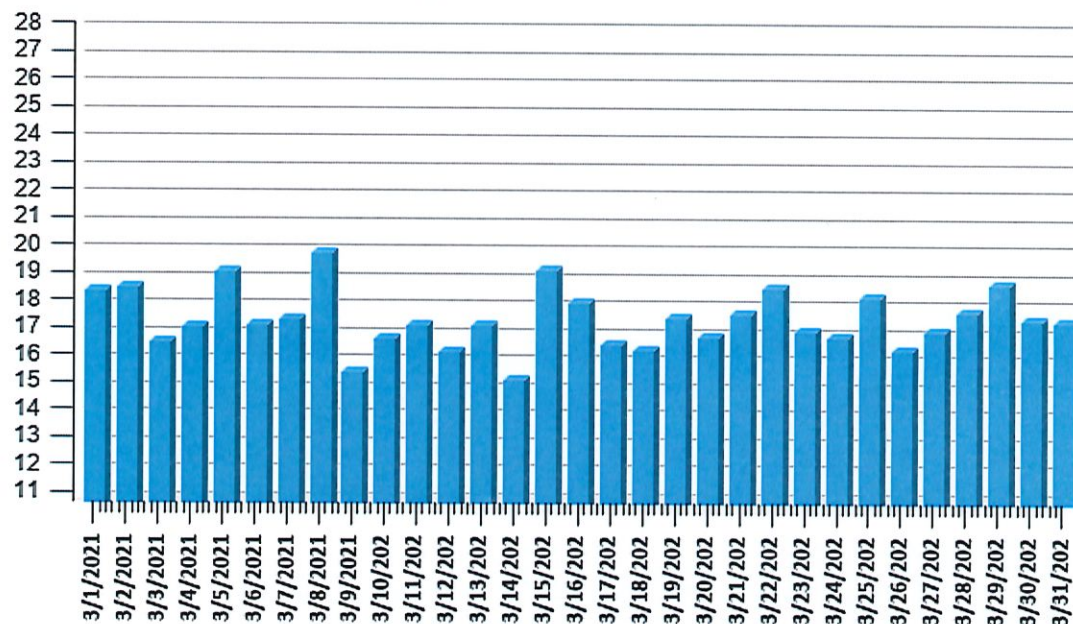
Date	Amt	Date	% of Capacity
Jan 2020	18.6	Jan 2020	66.43
Feb	17.3	Feb	61.79
Mar	20.5	Mar	73.21
Apr	19.6	Apr	70.00
May	21.7	May	77.50
Jun	22.4	Jun	80.00
Jul	21.4	Jul	76.43
Aug	21.3	Aug	76.07
Sep	22.4	Sep	80.00
Oct	21.7	Oct	77.50
Nov	22.0	Nov	78.57
Dec	19.3	Dec	68.93
Jan 2021	19.5	Jan 2021	69.64
Feb	23.1	Feb	82.50
Mar	19.9	Mar	71.07
Apr		Apr	0.00
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00
Jan 2022		Jan 2022	0.00
Feb		Feb	0.00
Mar		Mar	0.00
Apr		Apr	0.00
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00
Jan 2023		Jan 2023	0.00
Feb		Feb	0.00
Mar		Mar	0.00
Apr		Apr	0.00
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00
Jan 2024		Jan 2024	0.00
Feb		Feb	0.00
Mar		Mar	0.00
Apr		Apr	0.00
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00
Jan 2025		Jan 2025	0.00
Feb		Feb	0.00
Mar		Mar	0.00
Apr		Apr	0.00
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00



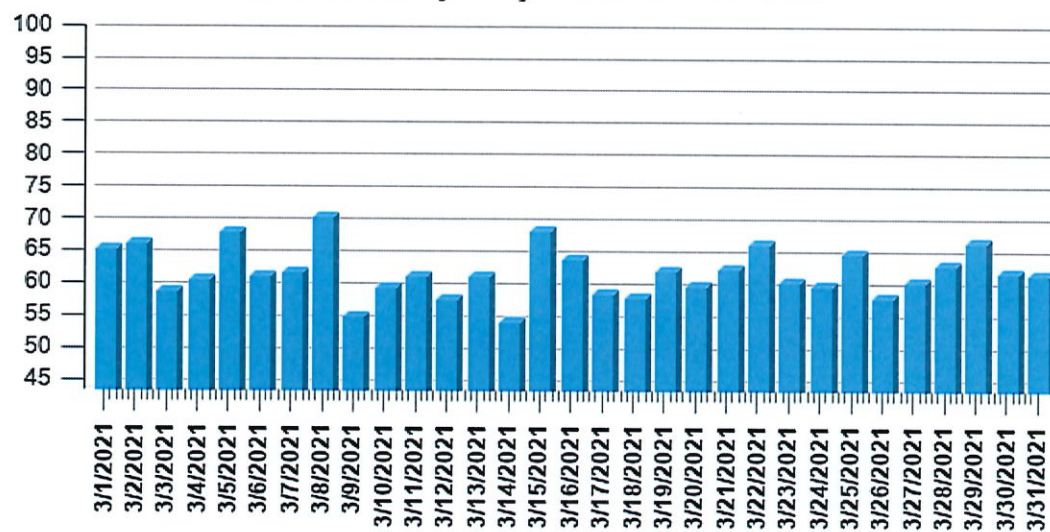
DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
3/1/2021	18.5	3/1/2021	66.07
3/2/2021	18.7	3/2/2021	66.79
3/3/2021	16.7	3/3/2021	59.64
3/4/2021	17.2	3/4/2021	61.43
3/5/2021	19.2	3/5/2021	68.57
3/6/2021	17.3	3/6/2021	61.79
3/7/2021	17.5	3/7/2021	62.50
3/8/2021	19.9	3/8/2021	71.07
3/9/2021	15.6	3/9/2021	55.71
3/10/2021	16.8	3/10/2021	60.00
3/11/2021	17.3	3/11/2021	61.79
3/12/2021	16.3	3/12/2021	58.21
3/13/2021	17.3	3/13/2021	61.79
3/14/2021	15.3	3/14/2021	54.64
3/15/2021	19.3	3/15/2021	68.93
3/16/2021	18.1	3/16/2021	64.64
3/17/2021	16.6	3/17/2021	59.29
3/18/2021	16.4	3/18/2021	58.57
3/19/2021	17.6	3/19/2021	62.86
3/20/2021	16.9	3/20/2021	60.36
3/21/2021	17.7	3/21/2021	63.21
3/22/2021	18.7	3/22/2021	66.79
3/23/2021	17.1	3/23/2021	61.07
3/24/2021	16.9	3/24/2021	60.36
3/25/2021	18.3	3/25/2021	65.36
3/26/2021	16.4	3/26/2021	58.57
3/27/2021	17.1	3/27/2021	61.07
3/28/2021	17.8	3/28/2021	63.57
3/29/2021	18.8	3/29/2021	67.14
3/30/2021	17.5	3/30/2021	62.50
3/31/2021	17.4	3/31/2021	62.14

Monthly
total 542.2

Daily Finished Totals MGD



% of Total Capacity Based on 28 MGD



FINISHED WATER PUMPAGE TOTALS

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan.Total	459200	447498	439351	442038	486007	472836	460298	471709	542638	506802	487760	537922
Aver.	14813	14435	14173	14259	15678	15253	14848	15216	17504	16348	15734	17352
Max	18431	16217	16208	17032	18977	18841	17349	19091	19678	19667	18650	19509
Min	12612	12888	12075	12695	11548	13616	12928	14348	14683	13896	12889	15070
Feb.Total	400131	400455	406621	400164	424980	431331	420563	418523	450030	467133	464620	517207
Aver.	14290	14302	14021	14292	15178	15405	14502	14947	16073	16683	16021	18472
Max	16627	16869	16385	17101	17883	17659	15791	16453	19679	19919	17301	23147
Min	12956	12725	12006	10627	12956	13342	13145	13507	14057	13710	14832	14933
Mar.Total	434583	433918	458407	443135	454724	459349	442712	462775	488427	499251	498790	543470
Aver.	14019	13997	14787	14295	14669	14818	14281	14928	15756	16105	16090	17531
Max	15437	15903	20748	16323	16316	16565	15992	17089	17592	17367	20582	19958
Min	12121	11697	10971	12758	12448	13381	12822	13894	14516	14929	13982	15338
Apr. Total	456503	438167	472623	428845	442935	433816	447902	479548	471571	495905	491542	
Aver.	15217	14606	15754	14295	14765	14461	14930	15985	15719	16530	16385	
Max	18345	17045	19906	16049	17251	15936	16785	19424	17634	19477	19679	
Min	12866	12287	13825	12472	13031	12702	12521	14464	13683	14140	13942	
May Total	472140	479606	518962	469221	494881	502787	484014	508673	535251	550304	541075	
Aver.	15230	15471	16741	15136	15964	16219	15613	16409	17266	17752	17454	
Max	17344	18497	20470	17712	19461	18671	19413	19500	20201	21385	21754	
Min	13213	12293	12189	12710	13064	14687	13917	13724	14348	14204	15033	
Jun. Total	501081	516150	568593	484809	500530	505360	536245	525289	554301	539759	588876	
Aver.	16703	17205	18953	16160	16684	16846	17875	17510	18477	17992	19629	
Max	20540	21276	24850	18416	20717	19306	20660	24870	21444	21454	22442	
Min	14482	14264	13858	13442	14133	14050	15630	14988	15308	14700	16334	
Jul. Total	547116	565235	543355	503624	572496	544235	519632	571991	583935	569783	590407	
Aver.	17649	18233	17528	16246	18468	17556	16762	19451	18837	18380	19045	
Max	21511	20922	21568	19079	21348	21555	19407	21680	22472	21198	21487	
Min	14667	15895	14232	12996	14926	14673	14985	15287	13853	16212	15643	
Aug.Total	556358	582647	530106	501432	559563	547126	529644	566204	595380	584399	589997	
Aver.	17947	18795	17100	16175	18050	17649	17085	18265	19206	18852	19032	
Max	21053	20941	19035	20145	21121	20033	19451	22100	22024	21852	21359	
Min	14592	16508	15105	14013	13566	14503	14785	15658	15318	15235	16443	
Sep.Total	518822	476653	465948	494484	527302	508650	532147	530559	569190	605709	565475	
Aver.	17294	15888	15532	16483	17577	16955	17738	17685	18973	20190	18849	
Max	18847	20613	17889	17993	21379	19573	21501	19637	22112	23540	22452	
Min	15096	13447	12729	14365	14851	14245	16104	15576	16342	17485	16121	
Oct. Total	506481	485550	453395	482230	484925	471463	547410	533123	561681	560395	573348	

Aver.	16338	15663	14626	15556	15643	15208	17658	17198	18119	18077	18495	
Max	18428	17406	16734	18514	18115	16803	20503	19507	20803	21149	21771	
Min	13631	13205	12269	12424	13993	13337	15408	14485	15333	14001	16235	
Nov.Total	432624	434396	442808	442786	443208	427852	501075	490630	496859	506448	544277	
Aver.	14421	14480	14760	14760	14774	14262	16703	16354	16562	16882	18143	
Max	16368	15965	17735	16254	16718	15879	19499	18381	19630	19775	22005	
Min	12016	12780	12435	13360	13207	12336	13700	13825	14615	14275	16175	
Dec.Total	441260	438600	431342	463552	453064	442384	475697	497194	504637	492948	533119	
Aver.	14234	14148	13914	14953	14615	14270	15345	16039	16279	15902	17197	
Max	16116	16409	17507	20904	16055	16082	17226	17728	19829	17795	19317	
Min	12521	12577	10650	12206	13421	12787	13516	13355	13897	13962	15018	
Yr. Total	5726299	5698875	5731511	5556320	5844615	5747189	5897339	6056218	6353900	6378836	6469286	1598599
Yr. Aver.	15689	15613	15659	15222	16013	15746	16113	16592	17408	17476	17724	
Peak Day	21511	21276	24850	20904	21379	21555	21501	24870	22472	23540	22452	

Monthly Bypass / Overflow Report									
System:		Wastewater Collection System				County:		Montgomery	
Month:		March		Year		2021		Permit#:	
								TN 0020656	
System Contact:		Mike Crawford		Title:		Public Utility Senior Manager		Phone Number:	
								931 553-2424	
Type of Overflow	Day	Rain Fall	Location of Bypass/Overflow Nearest Stream	Duration / Time		Gallons	Reason for Bypassing and Remedial Action		
				From:	To:				
T	1		48/13 LS MH#20935	7:45AM	8:00AM	750	heavy rainfall, raked solids, spread lime		
U	1		300 Randell dr MH#10357	11:26AM	12:26AM	300	unstopped mainline, spread lime		
U	1		Micheal dr LS	9:18PM	9:28PM	1,000	replaced broken cargo hose on bypass pump		
U	2		Dury ct LS MH#15585	3:30PM	4:30PM	3,000	unstopped mainline, spread lime		
U	2		303 Mills dr MH#97	9:00PM	10:15PM	150	unstopped mainline, spread lime		
U	2		Middleton LS MH#7680	1:00PM	1:24PM	2,400	power outage, washed down road, spread lime		
U	3		4244 Woodstock ARV 163	1:30PM	6:00PM	13,500	repaired ARV, washed down road, spread lime		
U	11		1236 southern pkwy MH#4448	11:30AM	12:20PM	1,250	unstopped mainline, spread lime		
U	13		Glendale LS MH#19346	11:03AM	11:05AM	50	mechanical failure, repaired issue, spread lime		
U	14		157 Sycamore Hill DR	6:30PM	8:30PM	540	main break, repaired pipe, spread lime		
U	15		Marymont LS MH#3766 West fork creek	9:54AM	1:27PM	50,250	electrical issue, repaired issue, spread lime		
U	16		Pine Ridge LS wet weather creek	12:00PM/16th	1:00PM/17th	37,500	mechanical issues with pumps, repaired, spread lime		
T	17		New Meadowbrook LS unnamed stream to sinkhole	2:55PM/17th	12:57AM/18th	255,000	heavy rainfall, rain event stopped		
T	17		Ringgold RD LS MH#18275 west fork creek	4:55PM	5:50PM	20,000	heavy rainfall, rain event stopped		
T	17		30 Leonard DR MH#9595	5:35PM	6:00PM	625	heavy rainfall, raked solids, spread lime		
U	18		Pine Ridge LS wet weather creek	5:00AM	6:30AM	9,000	mechanical issues with pumps, repaired, spread lime		
U	21		581 Cabot cove MH#9375	7:30PM	8:40PM	350	unstopped mainline, spread lime		
U	24		Twin cedars LS	5:00PM	6:00PM	300	replaced E-1 pump, spread lime		
U	28		3419 Sango Crossing MH#882	11:34AM	12:40PM	132	unstopped mainline, spread lime		
Type of Overflow									
U-All Other Occurrences T-Wet Weather Overflows									

Monthly Bypass / Overflow Report										
System:		Wastewater Collection System						County:		Montgomery
Month:		March		Year		2021		Permit#:		TN 0020656
System Contact:		Mike Crawford		Title: Public Utility Senior Manager				Phone Number:		931 553-2424
Type of Overflow	Day	Rain Fall	Location of Bypass/Overflow Nearest Stream		Duration / Time From: To:		Gallons	Reason for Bypassing and Remedial Action		
T	28		Oak st LS Cave spring creek		3:09AM 3:48AM		3,900	heavy rainfall, rain event stopped, spread lime		
T	28		Micheal dr LS MH#20230		4:20AM 5:40AM		2,000	heavy rainfall, rain event stopped		
T	28		Ringgold RD LS MH#18275 West fork creek		3:45AM 4:45AM		19,020	heavy rainfall, rain event stopped		
T	28		New Meadowbrook LS unnamed stream to sinkhole		2:36AM 5:51AM		138,060	heavy rainfall, rain event stopped		
T	31		615 Central Ave MH#7498 Red River		unknown unknown		unknown	found manhole lid off after rain event		
T	25		617 Central Ave MH#9613 Red River		unknown unknown		unknown	based off of customers information that was recently provided to us		
Type of Overflow										
U-All Other Occurrences T-Wet Weather Overflows										

METER READING AND SERVICE DEPARTMENT MONTHLY / YEARLY REPORT

METER READING

		<u>Meters Read</u>			<u>Accuracy Rate</u>
		<u>Gas</u>	<u>Water</u>	<u>Total</u>	
March	2021	29337	74461	103798	0.9987
February	2021	29,293	74,282	103,575	99.89%
January	2021	29,240	74,050	103,290	99.89%
December	2020	29,207	73,900	103,107	99.86%
November	2020	29,165	73,694	102,859	99.90%
October	2020	29,118	73,543	102,661	99.87%
September	2020	29,064	73,668	102,732	99.87%
August	2020	29,015	73,617	102,632	99.89%
July	2020	28,976	73,380	102,356	99.93%
June	2020	28,941	73,079	102,020	99.89%
May	2020	28,908	72,850	101,758	99.92%
April	2020	28,897	72,590	101,487	99.93%
March	2020	28,863	72,359	101,222	99.93%
12 Month Total		378,024	955,473	1,333,497	99.90%

SERVICE DEPARTMENT

		<u>Service Orders</u>	<u>After Hours Calls</u>
March	2021	5699	259
February	2021	3170	329
January	2021	4500	238
December	2020	5107	243
November	2020	4465	291
October	2020	6209	296
September	2020	5630	265
August	2020	5760	296
July	2020	5771	287
June	2020	3471	139
May	2020	3108	178
April	2020	2424	270
March	2020	3804	275
12 Month Total		59,118	3,366

ORDINANCE 94-2021-22

AN ORDINANCE ACCEPTING THE DONATION OF CERTAIN REAL PROPERTY FROM LARRY METCALF TO THE CITY OF CLARKSVILLE FOR THE PURPOSE OF SEWER PUMP STATION

WHEREAS, Larry Metcalf has agreed to donate certain real property to the City of Clarksville for the operation of an existing sewer pump station; and

WHEREAS, the Clarksville City Council has determined that it is in the best interests of the City and its residents that the donation from Larry Metcalf be accepted with appreciation;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CLARKSVILLE, TENNESSEE:

1. That the City of Clarksville hereby accepts the donation of certain real from Larry Metcalf, being a portion of the property conveyed to donor by deeds of record in Official Record Book Volume 925, Page 1624, in the Register's Office for Montgomery County, Tennessee, and being more particularly described in "Exhibit A", attached hereto.
2. That upon acceptance of transfer documents, the City will assume ownership and responsibility for said property and easement.
3. That this Ordinance shall be in full force and effect from and after its passage and approval.

FIRST READING:

SECOND READING:

EFFECTIVE DATE:

EXHIBIT A

Land Description
of the
Industrial Development Board of Montgomery County Property
Jim Johnson Road, Clarksville, TN 37043

Being a portion of the Industrial Development Board of Montgomery County Property in the 1st Civil District of Montgomery County, Tennessee, said property being a portion of Tax Map # 015, Parcel # 003.01 (Volume 1262 Page 2490), and of Tax Map # 009, Parcel # 014.02 Volume (ORV) 1244 Page (PG) 2574, all recorded in the Register's Office of Montgomery County, Tennessee (ROMCT), said property is generally bounded on the west and south by Jim Johnson Road, and on the north by Life is Good Road. Being more particularly described as follows:

Commencing at a set ½" iron pin capped "DBS & Associates" located at Tennessee State Plane coordinates (NAD 83) coordinates of Northing 838556.71, Easting 1600845.50 in the eastern right of way of Jim Johnson Road. Said POINT OF BEGINNING being South 20°31'10" West a distance of 101.29 feet from the southwest corner of the Industrial Development Board of Montgomery County Property ORV 1855 PG 2267. Thence leaving said right of way of Jim Johnson Road and with the said southern proposed right of way (ROW) of Life is Good Road, South 81°00'14" East a distance of 304.81 feet to a new iron rod capped "DBS & Assoc."

Thence leaving said ROW on four new severance lines (NSL) as follows:

South 29°55'19" West a distance of 45.07 feet to a new iron rod capped "DBS & Assoc."; thence, North 83°12'33" West a distance of 78.18 feet to a new iron rod capped "DBS & Assoc."; thence, generally, one-foot East of a fence line, South 05°36'07" West a distance of 270.36 to an iron rod capped "DBS & Assoc."; thence, approximately one-foot south of the fence line, North 82°23'25" West a distance of 257.56 to an new iron rod capped "DBS & Assoc." in said East ROW of Jim Johnson Road;

Thence, North 19°53'31" East a distance of 83.34 feet to a point;

Thence, North 12°42'56" East a distance of 234.37 feet to a point;

Thence, North 08°12'34" East a distance of 5.51 feet to said POINT OF BEGINNING, containing 76,492.19 SQ FT or 1.76 acres more or less.

Together with and subject to any easements, covenants, right of ways, and conveyances that are of record and not of record. According to a survey by W. Logan McCraw, TN RLS#2887 of DBS Engineering & Associates, Job # CC 98231, dated June 17, 2019.

Ingress and Egress Easement

Commencing at a set ½" iron pin capped "DBS & Associates" located in the eastern right of way of Jim Johnson Road, said pin being in the southwest corner of the Water Tower Boundary. Said pin having Tennessee State Plane Coordinates Northing 838244.27, Easting 1600764.77. Thence, leaving said iron pin South 82°23'25" East at a distance of 60.09 feet to the northwest corner and the true point of beginning for this description.

Thence, with South boundary South 82°23'25" East at a distance 10.00 feet to a point, also the width of the Ingress/Egress easement;

Thence South 07°15'34" West at a distance of 44.32 feet to a point;

Thence along a curve to the right having a radius of 35.00 feet, a delta of 090°00'00", an arc distance of 54.98, a chord bearing of South 52° 15'34" and a chord distance of 49.50 feet to a point;

Thence, North 82°44'26" West at a distance of 52.96 feet to a point in the east right of way of Jim Johnson Road;

Thence, with Jim Johnson Road, North 19°53'31" East at a distance of 10.25 feet to a point;

Thence South 82°44'26" East at a distance of 50.72 feet to point being the start of a curve;

Thence northeasterly an arc distance of 39.27 feet along a curve to the left having a radius of 25.00 feet, a delta of 090°00'00", chord bearing of North 52°15'34" East and a chord distance of 35.36 feet to a point;

Thence North 07°15'34" East at a distance of 44.38 feet to the point of beginning containing 1,433.12 SQ FT or 0.03 Acres more or less.

Together with and subject to any easements, covenants, right of ways, and conveyances that are of record and not of record. According to a survey by W. Logan McCraw, TN RLS#2887 of DBS Engineering & Associates, Job # CC 98231, dated June 17, 2019.

ORDINANCE 95-2021-22

AN ORDINANCE ACCEPTING THE DONATION OF CERTAIN REAL PROPERTY FROM TODD E. MORRIS TO THE CITY OF CLARKSVILLE FOR THE PURPOSE OF SEWER PUMP STATION

WHEREAS, Todd E. Morris has agreed to donate certain real property to the City of Clarksville for the operation of an existing sewer pump station; and

WHEREAS, the Clarksville City Council has determined that it is in the best interests of the City and its residents that the donation from Todd E. Morris be accepted with appreciation;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CLARKSVILLE, TENNESSEE:

1. That the City of Clarksville hereby accepts the donation of certain real from Todd E. Morris, being a portion of the property conveyed to donor by deeds of record in Official Record Book Volume 1011, Page 2275, in the Register's Office for Montgomery County, Tennessee, and being more particularly described in "Exhibit A", attached hereto.
2. That upon acceptance of transfer documents, the City will assume ownership and responsibility for said property and easement.
3. That this Ordinance shall be in full force and effect from and after its passage and approval.

FIRST READING:

SECOND READING:

EFFECTIVE DATE:

EXHIBIT A

Land Description
of the
Industrial Development Board of Montgomery County Property
Jim Johnson Road, Clarksville, TN 37043

Being a portion of the Industrial Development Board of Montgomery County Property in the 1st Civil District of Montgomery County, Tennessee, said property being a portion of Tax Map # 015, Parcel # 003.01 (Volume 1262 Page 2490), and of Tax Map # 009, Parcel # 014.02 Volume (ORV) 1244 Page (PG) 2574, all recorded in the Register's Office of Montgomery County, Tennessee (ROMCT), said property is generally bounded on the west and south by Jim Johnson Road, and on the north by Life is Good Road. Being more particularly described as follows:

Commencing at a set ½" iron pin capped "DBS & Associates" located at Tennessee State Plane coordinates (NAD 83) coordinates of Northing 838556.71, Easting 1600845.50 in the eastern right of way of Jim Johnson Road. Said POINT OF BEGINNING being South 20°31'10" West a distance of 101.29 feet from the southwest corner of the Industrial Development Board of Montgomery County Property ORV 1855 PG 2267. Thence leaving said right of way of Jim Johnson Road and with the said southern proposed right of way (ROW) of Life is Good Road, South 81°00'14" East a distance of 304.81 feet to a new iron rod capped "DBS & Assoc."

Thence leaving said ROW on four new severance lines (NSL) as follows:

South 29°55'19" West a distance of 45.07 feet to a new iron rod capped "DBS & Assoc."; thence, North 83°12'33" West a distance of 78.18 feet to a new iron rod capped "DBS & Assoc."; thence, generally, one-foot East of a fence line, South 05°36'07" West a distance of 270.36 to an iron rod capped "DBS & Assoc."; thence, approximately one-foot south of the fence line, North 82°23'25" West a distance of 257.56 to an new iron rod capped "DBS & Assoc." in said East ROW of Jim Johnson Road;

Thence, North 19°53'31" East a distance of 83.34 feet to a point;

Thence, North 12°42'56" East a distance of 234.37 feet to a point;

Thence, North 08°12'34" East a distance of 5.51 feet to said POINT OF BEGINNING, containing 76,492.19 SQ FT or 1.76 acres more or less.

Together with and subject to any easements, covenants, right of ways, and conveyances that are of record and not of record. According to a survey by W. Logan McCraw, TN RLS#2887 of DBS Engineering & Associates, Job # CC 98231, dated June 17, 2019.

Ingress and Egress Easement

Commencing at a set ½" iron pin capped "DBS & Associates" located in the eastern right of way of Jim Johnson Road, said pin being in the southwest corner of the Water Tower Boundary. Said pin having Tennessee State Plane Coordinates Northing 838244.27, Easting 1600764.77. Thence, leaving said iron pin South 82°23'25" East at a distance of 60.09 feet to the northwest corner and the true point of beginning for this description.

Thence, with South boundary South 82°23'25" East at a distance 10.00 feet to a point, also the width of the Ingress/Egress easement;

Thence South 07°15'34" West at a distance of 44.32 feet to a point;

Thence along a curve to the right having a radius of 35.00 feet, a delta of 090°00'00", an arc distance of 54.98, a chord bearing of South 52° 15'34" and a chord distance of 49.50 feet to a point;

Thence, North 82°44'26" West at a distance of 52.96 feet to a point in the east right of way of Jim Johnson Road;

Thence, with Jim Johnson Road, North 19°53'31" East at a distance of 10.25 feet to a point;

Thence South 82°44'26" East at a distance of 50.72 feet to point being the start of a curve;

Thence northeasterly an arc distance of 39.27 feet along a curve to the left having a radius of 25.00 feet, a delta of 090°00'00", chord bearing of North 52°15'34" East and a chord distance of 35.36 feet to a point;

Thence North 07°15'34" East at a distance of 44.38 feet to the point of beginning containing 1,433.12 SQ FT or 0.03 Acres more or less.

Together with and subject to any easements, covenants, right of ways, and conveyances that are of record and not of record. According to a survey by W. Logan McCraw, TN RLS#2887 of DBS Engineering & Associates, Job # CC 98231, dated June 17, 2019.

ORDINANCE XX-2020-21

AN ORDINANCE AMENDING PART II (CODE OF ORDINANCES), TITLE 13 (UTILITIES AND SERVICE), CHAPTER 3 (GAS, WATER, AND SEWER SERVICE) THE CITY OF CLARKSVILLE RELATIVE TO WATER AND SEWER RATES, CHARGES, AND/OR FEES

WHEREAS, The City of Clarksville (Gas and Water Department) retained Raftelis Financial Consultants to develop a comprehensive financial plan and rate plan; and

WHEREAS, the water and sewer rate study recommends revenue adjustments to better align the City's rates, charges, and fees structure with the fixed and variable cost of serving water and sewer customers; and

WHEREAS, the Gas and Water Department wishes to modify the water and sewer rate structure in order to ensure the continued maintenance of existing infrastructure and future capital improvement projects; and

WHEREAS, the City Council finds that the interests of the City, its residents, and the Gas and Water Department rate payers would best be served by the following city code amendments.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CLARKSVILLE, TENNESSEE:

1. That City of Clarksville Code of Ordinances, Title 13 (Utilities and Service), Chapter 3 (Gas, Water, and Sewer Service), Section 13-312 (Water and sewer rates; basis for charges; surcharges.), is hereby amended, effective July 1, 2021, by deleting same in its entirety and substituting therefor the following:

Sec. 13-312. - Water and sewer rates; basis for charges; surcharges.

- (1) *Water rate schedules.* ~~Effective July 1, 2008 a customer charge shall be charged each month based on meter size in accordance with water rate schedule A, section II. In addition a~~ Usage fees shall be charged in accordance with water rate schedule A, section I. ~~A customer charge, or meter fee, shall be charged each month based on meter size in accordance with rate schedule A, section II. This fee is to be charged to each water customer in addition to their normal water usage and without regard to the volume of water used by the customer.~~

The following definitions shall be used to determine the applicable rate code:

Commercial service and small industrial means customers engaged in selling, warehousing, or distributing a commodity or service in some business activity or profession or in some other form of economic or social activity. For example, and not by way of limitation, all local, state and federal governmental agencies, any organizations or institutions whether profit or non-profit, with uses other than those involving industrial or residential requirements are classified as commercial customers. Also included are offices, stores, schools, dormitories, hotels, restaurants, apartment houses, religious institutions, orphanages, clubs, boarding and rooming houses, communes, motor courts, camps, and rehabilitation organizations.

Industrial service means customers primarily engaged in a process that creates or changes raw or unfinished materials into another form or product, including the generation of electric power and who's usage exceeds a minimum of seven hundred fifty thousand (750,000) gallons of water per month as averaged over the previous twelve (12) months. Should the usage fall below seven hundred fifty thousand (750,000) gallons per month the customer shall be reclassified as a commercial service and small industrial customer and charged accordingly. The customer will be eligible for reclassification following twelve (12) consecutive months of water usage in excess of seven hundred fifty thousand (750,000) gallons of water per month.

Residential service means single private residences, including separate private units of apartment houses and other multiple dwellings, actually used for residential purposes, which are separately metered. A dwelling shall be considered nonresidential which has more than one apartment or condo on the same meter. A residential dwelling shall be considered commercial if in the water department's judgment such dwelling and/or usage is identifiable as being used primarily (more than fifty (50) percent) for business or professional purposes.

WATER RATE SCHEDULE A
WATER RATES AND FEES
~~EFFECTIVE AUGUST 9, 2008~~

Section I. Usage Fees (per 1,000 gallons):

Residential	(Inside city)	\$3.54
	(Outside city)	\$7.08
Commercial	(Inside city)	\$3.54
	(Outside city)	\$7.08
Industrial	(Inside city) Rate shall be based on the latest audited operation and maintenance cost for production and supply (including the greater of depreciation or debt service principle).	
	(Outside city)	1.3 times inside city Industrial rate

Effective July 1, 2021 to June 30, 2022		
Residential	(Inside city)	\$3.32
	(Outside city)	\$6.65
Commercial	(Inside city)	\$3.32
	(Outside city)	\$6.35
Industrial	(Inside city)	\$4.23
	(Outside city)	\$5.82

Effective July 1, 2022 to June 30, 2023		
Residential	(Inside city)	\$3.68
	(Outside city)	\$6.81
Commercial	(Inside city)	\$3.68
	(Outside city)	\$6.45
Industrial	(Inside city)	\$4.30
	(Outside city)	\$6.45

Effective July 1, 2023 to June 30, 2024		
Residential	(Inside city)	\$4.07
	(Outside city)	\$7.12
Commercial	(Inside city)	\$4.07
	(Outside city)	\$7.12
Industrial	(Inside city)	\$4.38
	(Outside city)	\$7.12

Effective July 1, 2024		
Residential	(Inside city)	\$4.45
	(Outside city)	\$7.80
Commercial	(Inside city)	\$4.45
	(Outside city)	\$7.80
Industrial	(Inside city)	\$4.45
	(Outside city)	\$7.80

Section II. Customer charge (per month):

Meter Size	
Up to ¾"	\$3.00
1"	5.00
1½"	10.00

2"	16.00
3"	44.00
4"	84.00
6"	175.00
8"	175.00
10"	175.00
12" or larger	Negotiated

Effective July 1, 2021 to June 30, 2022	
Meter Size	
Up to ¾"	\$7.00
1"	\$12.00
1½"	\$22.00
2"	\$36.00
3"	\$66.00
4"	\$110.00
6"	\$220.00
8"	\$352.00
10"	\$506.00
12" or larger	\$946.00

Effective July 1, 2022 to June 30, 2023	
Meter Size	
Up to ¾"	\$8.00
1"	\$13.00
1½"	\$25.00
2"	\$39.00
3"	\$73.00
4"	\$121.00
6"	\$241.00

8"	\$386.00
10"	\$554.00
12" or larger	\$1036.00

Effective July 1, 2023 to June 30, 2024	
Meter Size	
Up to ¾"	\$8.00
1"	\$14.00
1½"	\$27.00
2"	\$43.00
3"	\$80.00
4"	\$132.00
6"	\$264.00
8"	\$422.00
10"	\$607.00
12" or larger	\$1134.00

Effective July 1, 2024	
Meter Size	
Up to ¾"	\$9.00
1"	\$15.00
1½"	\$30.00
2"	\$47.00
3"	\$90.00
4"	\$145.00
6"	\$290.00
8"	\$465.00
10"	\$665.00
12" or larger	\$1245.00

- (2) *Basis for sewer charges.* The volume of water usage shall be the basis for sewer usage charges unless special metering is installed by the customer, with the prior approval of the utility department, to otherwise determine the volume of water that is being discharged to the sewer. The customer shall be responsible for the maintenance and accuracy of said meter. In the event of a discrepancy in the volume of wastewater metered by said device, the combined volume of potable water measured during the billing period shall be used as the basis for the sewer charges.
- (3) *Sewer rate schedules.* The charge for sewer usage or availability shall be in accordance with the following rate schedules:

SEWER RATE SCHEDULE

Usage Fees (per 1,000 gallons):

For residential, commercial, and small industrial customers:

	Per 1,000-gallons (Effective July 1, 2013 to June 30, 2014)	
Usage (gallons)	Within city	Outside city but served directly by city
First 2,000	\$ 6.14	\$11.44
All over 2,000	6.14	10.23

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	Per 1,000-gallons (Effective July 1, 2014 to June 30, 2015)	
Usage (gallons)	Within city	Outside city but served directly by city
First 2,000	\$ 6.73	\$12.53
All over 2,000	6.73	11.20

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	Per 1,000-gallons (Effective July 1, 2015 to June 30, 2016)	
Usage (gallons)	Within city	Outside city but served directly by city
First 2,000	\$ 7.37	\$13.72
All over 2,000	7.37	12.26

	Per 1,000-gallons (Effective July 1, 2016)	
Usage (gallons)	Within city	Outside city but served directly by city
First 2,000	\$ 8.07	\$15.02
All over 2,000	8.07	13.43

Effective July 1, 2021 to June 30, 2023	
Within city	Outside city but served directly by city
\$ 8.07	\$14.14

Effective July 1, 2023 to June 30, 2024	
Within city	Outside city but served directly by city
\$ 8.07	\$14.19

Effective July 1, 2024	
Within city	Outside city but served directly by city
\$ 8.14	\$14.24

The minimum bill per month shall be based on two thousand (2,000) gallons.

All ~~industrial~~ customers using a minimum of three hundred thousand (300,000) gallons of water per month shall be considered industrial customers. ~~charged a rate per one thousand (1,000) gallons based on the cost per one thousand (1,000) gallons for operation, maintenance, and replacement of the sewer treatment plant according to the latest audit. This rate will be automatically revised each year upon receipt of the annual audit to reflect any changes.~~

For industrial customers:

Effective July 1, 2021 to June 30, 2022	
Within city	Outside city but served directly by city
\$ 8.07	\$10.90

Effective July 1, 2022 to June 30, 2023	
Within city	Outside city but served directly by city
\$ 8.07	\$12.52

Effective July 1, 2023 to June 30, 2024	
Within city	Outside city but served directly by city
\$ 8.07	\$14.19

Effective July 1, 2024	
Within city	Outside city but served directly by city
\$ 8.14	\$14.24

~~Outside city industrial customers:~~

~~First 300,000 gallons1.3 × inside city industrial rate~~

~~Next 700,000 gallons1.2 × inside city industrial rate~~

~~Next 2,000,000 gallons1.1 × inside city industrial rate~~

~~All over 3,000,000 gallons1.0 × inside city industrial rate~~

The minimum monthly bill for the industrial rate will be based on three hundred thousand (300,000) gallons.

(4) Reserved.

(5) *Surcharge*. The surcharge for persons discharging excessive quantities and concentrations as established in the sewer use ordinance shall be as follows:

*Surcharge
per pound*

BOD in excess of 300 mg/l\$0.08

Suspended solids in excess of 325 mg/l0.08

Oils and grease in excess of 100 mg/l0.08

- (6) *Review of charge system.* The water and sewer use charge system shall be reviewed annually and revised periodically by the city council as required in order to generate sufficient revenue to pay for the cost of operation, maintenance, and replacement of the water and sewer systems.
- (7) *Environmental compliance fee.* Each sewer customer shall be charged an environmental compliance fee of ~~three dollars (\$3.00) per month effective July 1, 2005, four dollars (\$4.00) effective July 1, 2006,~~ and five dollars (\$5.00) per month ~~effective July 1, 2007~~. This fee is to be charged to each sewer customer in addition to their normal sewer usage and without regard to the volume of sewerage generated by the customer. It is intended to generate funds to offset mandated environmental expenses of the sewer system that do not otherwise lend to generating revenues.
- (8) *Backflow prevention testing fee.* Each commercial, industrial and residential customer who is required under section 8-407 to install and maintain a backflow prevention device shall be charged a backflow prevention testing fee per device that recovers the costs incurred by the department in conducting the tests. This fee will apply to new and annual backflow prevention tests. The first re-inspection of failed backflow tests will be at no charge to the customer. Fees incurred will be added to the customer's water and sewer bill.
- (9) *Grease management inspection fee.* Each customer who is required under section 13-702 to install and maintain a grease trap and/or inceptor shall be charged a grease management inspection fee per device that recovers the costs incurred by the department in conducting the tests. This fee will apply to new, semi-annual and annual inspection. The first re-inspection of a failed inspection will be at no charge to the customer. Fees incurred will be added to the customer's water and sewer bill.