



GAS & WATER COMMITTEE AGENDA

DATE: May 21, 2020

LOCATION: via Google Meet

TIME: 3:45 p.m.

IN AN EFFORT TO FACILITATE THE RESPONSE TO CORONAVIRUS DISEASE 2019 (COVID-19), THIS MEETING WILL BE CONDUCTED VIA GOOGLE MEETS. 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)

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.

III. ADOPTION OF MINUTES: February 20, 2020 (March 19, 2020 meeting cancelled)

IV. DEPARTMENT REPORTS:

1. Bad Debt – Fred Klein
2. Financials – Fred Klein
3. Bid – Summary – Camille Thomas
4. Professional Services – Camille Thomas
 - Gas Operator Qualifications Learning Management System from Industrial Training Services, Inc. in the amount of \$54,625.00.
 - Design of a 2 MGD Water Treatment Plant Upgrade from Smith Seckman Reid, Inc. in the amount of \$182,589.00.
5. Department Reports – Mark Riggins
6. Ordinances for two Interlocal Agreements with Woodlawn Utility District (through Finance Committee). – Mark Riggins

V. COMMITTEE ACTION REQUIRED

N/A

VI. CITY COUNCIL ACTION REQUIRED

- 1. ORDINANCE 79-2019-20** Authorizing extension on utilities to Sango Commons Subdivision Section 2 located on Sango Road and Durham Road, Cmap 086, parcels 20.00 and 20.01; request of Houston Smith, TTL Engineering. – Mark Riggins
- 2. ORDINANCE 80-2019-20** Authorizing extension on utilities to 3431 Buck Road, Cmap 034, Parcel 23.00; request of Christine Oliver. – Mark Riggins

VII. ADJOURNMENT

VIII. PUBLIC COMMENTS (5 minutes each)



**GAS & WATER COMMITTEE MEETING
MINUTES
February 20, 2020**

Clarksville Gas & Water Conference Room
3:45 p.m.

MEMBERS PRESENT

Gary Norris, Ron Erb, David Allen

MEMBERS ABSENT

Chairman Valerie Guzman, Tim Chandler

OTHERS PRESENT

Mark Riggins, Fred Klein, Cassie Wheeler, Katina Spainhoward, Mandy Phillips

The meeting was called to order at 3:45 p.m. by Gary Norris.

Minutes for the January 23, 2020 committee meeting were unanimously approved.

Bad Debt was reported by Fred Klein by explaining the write-off report for the month of January 2020.

Fred Klein also reported the Financials for the month of January 2020.

Katina Spainhoward reported the Bid-Summary for the month.

Katina Spainhoward also reported the sale of surplus property on GovDeals.com of \$21,500 for the month of January 2020.

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

Mark Riggins discussed changing the meeting location for future committee meetings to the Clarksville Gas & Water Department. The meeting will still be held on the 3rd Thursday of the month at 3:45 p.m. Ron Erb made a motion for approval to change the meeting location to the Clarksville Gas & Water Department, David Allen seconded it, and the same passed unanimously.

ORDINANCE 62-2019-20 Authorizing extension on utilities to 255 Harper Road, Cmap 081, Parcel 185.00; request of Karen Wilson McKay. David Allen made a motion for approval, Ron Erb seconded it, and the same passed unanimously to full City Council.

The meeting was adjourned at 4:28 p.m.

Public Comment:

Reed Baldwin – Hazelwood assessment fee

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
May-19	\$ 9,301.87	76	\$ 122.39	\$ 2,680.30	\$ 5,418.47	57	\$ 95.06
Jun-19	\$ 11,824.21	83	\$ 142.46	\$ 1,812.71	\$ 15,924.18	69	\$ 230.79
Jul-19	\$ 9,275.71	110	\$ 84.32	\$ 4,262.92	\$ 11,926.77	87	\$ 137.09
Aug-19	\$ 6,965.36	66	\$ 105.54	\$ 2,155.02	\$ 11,763.70	96	\$ 122.54
Sep-19	\$ 8,395.65	76	\$ 110.47	\$ 1,619.94	\$ 12,370.90	73	\$ 169.46
Oct-19	\$ 25,236.14	121	\$ 208.56	\$ 4,083.87	\$ 22,408.43	88	\$ 254.64
Nov-19	\$ 17,998.88	101	\$ 178.21	\$ 992.64	\$ 10,994.34	64	\$ 171.79
Dec-19	\$ 16,288.88	99	\$ 164.53	\$ 2,097.21	\$ 7,879.44	57	\$ 138.24
Jan-20	\$ 13,136.12	103	\$ 127.54	\$ 4,109.73	\$ 15,343.37	85	\$ 180.51
Feb-20	\$ 8,080.67	75	\$ 107.74	\$ 4,394.14	\$ 8,397.22	71	\$ 118.27
Mar-20	\$ -			\$ 4,378.79	\$ 10,755.11	72	\$ 149.38
Apr-20	\$ 24,150.83	165	\$ 146.37	\$ 4,076.06	\$ 8,402.79	100	\$ 84.03

\$ 150,654.32 1075 \$ 140.14 \$ 36,663.33 \$ 141,584.72 919 \$ 154.06
24.34%

CGW Water Department
April, 2020

	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	1,623,700	1,854,375	(230,675)	18,549,130	18,543,750	5,380
Penalties	1	27,500	(27,499)	253,891	275,000	(21,109)
Other Income	202,138	230,517	(28,379)	2,592,746	2,305,167	287,579
Gross Revenue	1,825,839	2,112,392	(286,553)	21,395,767	21,123,917	271,850
Water Plant	255,354	331,806	76,452	3,179,323	3,318,062	138,739
Water Transmission	405,610	413,508	7,898	4,155,512	4,135,082	(20,430)
Water Administration	26,976	27,687	711	277,936	276,869	(1,066)
Customer Service	282,734	269,016	(13,719)	2,760,553	2,690,155	(70,398)
Accounting	52,366	57,747	5,381	525,357	577,466	52,108
Engineering	89,014	100,809	11,795	1,046,647	1,008,090	(38,557)
Admin & General	51,628	58,029	6,401	539,593	580,290	40,697
Other Expenses	11,405	11,250	(155)	119,130	112,500	(6,630)
Depreciation	508,684	493,500	(15,184)	4,993,678	4,935,000	(58,678)
Total Operating Expenses	1,683,771	1,763,351	79,581	17,597,728	17,633,513	35,785
Income from Operations	142,068	349,040	(206,972)	3,798,038	3,490,403	307,635
Interest Income	18,441	45,667	(27,225)	455,318	456,667	(1,348)
Other Income (Expense)	10,107	2,500	7,607	30,196	25,000	5,196
Interest Expense	(81,542)	(94,691)	13,149	(863,032)	(946,908)	83,877
Debt Amortization Income	18,124	18,145	(22)	181,237	181,453	(216)
PILOT	(83,083)	(83,083)	-	(830,828)	(830,828)	-
Total Other Income (Expense)	(117,952)	(111,462)	(6,491)	(1,027,107)	(1,114,616)	87,509
Total Income / (Loss)	24,116	237,579	(213,463)	2,770,931	2,375,788	395,143
Capital Spend	2,939	4,508,000	4,505,061	4,694,164	13,598,000	8,903,836
Contributed Capital - Cash	-	-	-	10,000	-	10,000
Contributed Capital - Non-Cash	-	1,000,000	(1,000,000)	9,499,789	10,000,000	(500,211)

CGW Wastewater Department
April, 2020

	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	3,067,542	3,226,167	(158,625)	31,925,617	32,261,667	(336,050)
Penalties	0	50,000	(50,000)	441,768	500,000	(58,232)
Other Income	237,905	252,225	(14,320)	3,144,713	2,522,250	622,463
Gross Revenue	3,305,447	3,528,392	(222,945)	35,512,097	35,283,917	228,181
Wastewater Plant	296,025	404,954	108,929	3,525,807	4,049,543	523,735
Wastewater Collection	518,032	518,289	257	5,189,057	5,182,889	(6,168)
Wastewater Administration	40,091	45,203	5,111	464,126	452,026	(12,100)
Customer Service	150,566	171,671	21,105	1,636,117	1,716,712	80,594
Accounting	67,096	63,764	(3,332)	568,007	637,635	69,628
Engineering	98,644	141,977	43,333	1,224,882	1,419,771	194,889
Admin & General	51,616	57,929	6,313	538,395	579,289	40,894
Other Expenses	11,477	11,250	(227)	120,048	112,500	(7,548)
Depreciation	961,568	982,417	20,849	9,529,900	9,824,167	294,266
Total Operating Expenses	2,195,116	2,397,453	202,337	22,796,340	23,974,531	1,178,191
Income from Operations	1,110,331	1,130,939	(20,608)	12,715,757	11,309,386	1,406,371
Interest Income	16,388	33,333	(16,946)	479,167	333,333	145,834
Other Income (Expense)	-	500	(500)	36,713	5,000	31,713
Interest Expense	(586,230)	(648,162)	61,931	(5,984,645)	(6,481,617)	496,972
Debt Amortization Income	103,446	126,849	(23,403)	1,034,459	1,268,490	(234,031)
PILOT	(192,752)	(192,752)	-	(1,927,517)	(1,927,517)	-
Total Other Income (Expense)	(659,148)	(680,231)	21,083	(6,361,823)	(6,802,310)	440,487
Total Income / (Loss)	451,182	450,708	475	6,353,934	4,507,076	1,846,858
Capital Spend	839,437	1,299,000	459,563	4,468,362	11,835,000	7,366,638
Contributed Capital - Cash	-	-	-	-	-	-
Contributed Capital - Non-Cash	-	875,000	(875,000)	8,407,843	8,750,000	(342,157)

CGW Gas Department
April, 2020

	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	1,621,384	1,994,503	(373,119)	18,823,747	19,761,627	(937,880)
Penalties	0	10,000	(10,000)	142,003	100,000	42,003
Other Income	36,126	89,187	(53,060)	1,278,553	891,867	386,687
Gross Revenue	1,657,510	2,093,690	(436,179)	20,244,304	20,753,494	(509,189)
Cost of Gas	626,955	1,138,261	511,306	9,935,952	11,062,875	1,126,923
Gas Distribution	198,201	226,235	28,034	1,991,327	2,262,353	271,026
Gas Administration	147,460	203,438	55,978	1,827,614	2,034,382	206,768
Ft. Campbell Operations	39,886	37,244	(2,642)	402,147	372,439	(29,708)
Customer Service	78,233	115,640	37,408	994,869	1,156,401	161,531
Accounting	115,800	55,486	(60,314)	516,455	554,861	38,406
Engineering	51,259	51,054	(205)	446,742	510,540	63,798
Admin & General	51,434	57,872	6,438	537,110	578,719	41,609
Other Expenses	10,758	11,250	492	104,959	112,500	7,541
Depreciation	153,852	178,333	24,482	1,509,107	1,783,333	274,226
Total Operating Expenses	1,473,838	2,074,814	600,976	18,266,284	20,428,403	2,162,119
Income from Operations	183,673	18,876	164,797	1,978,021	325,091	1,652,929
Interest Income	15,109	30,750	(15,641)	360,451	307,500	52,951
Other Income (Expense)	-	500	(500)	18,123	5,000	13,123
Interest Expense	(16,278)	(19,064)	2,787	(173,705)	(190,642)	16,937
Debt Amortization Income	3,982	3,982	-	39,815	39,817	(2)
PILOT	(53,690)	(53,690)	-	(536,902)	(536,902)	-
Total Other Income (Expense)	(50,877)	(37,523)	(13,355)	(292,218)	(375,227)	83,009
Total Income / (Loss)	132,795	(18,647)	151,442	1,685,803	(50,135)	1,735,939
Capital Spend	87,448	351,000	263,552	1,002,289	4,575,000	3,572,711
Contributed Capital - Cash	-	-	-	190,691	-	190,691

FY 2019 Debt Coverage

April, 2020

YTD Net Revenue through

Fiscal Period	10
	<u>Actual</u>
System Gross Revenue	\$ 77,152,168
System Operating Expenses	58,660,352
	18,491,816
Add: Depreciation Expense	16,032,686
Other Revenue (Expense)	1,379,968
Net Revenues	\$ 35,904,469

Debt Coverage Ratio **2.07**

Debt Coverage Ratio Goal **1.70**

FY 2019 Coverage Ratio *2.12*

FY 2018 Coverage Ratio *2.04*

>2.00 = Aaa rating

1.70-2.00 = Aa rating

Debt to Operation Revenue Ratio

April, 2020

FY 2020 Budget

Total Debt	\$ 189,626,801
Operating Revenue	\$ 92,582,602
Debt/Operating Revenue	2.05

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

FY 2017 Actual

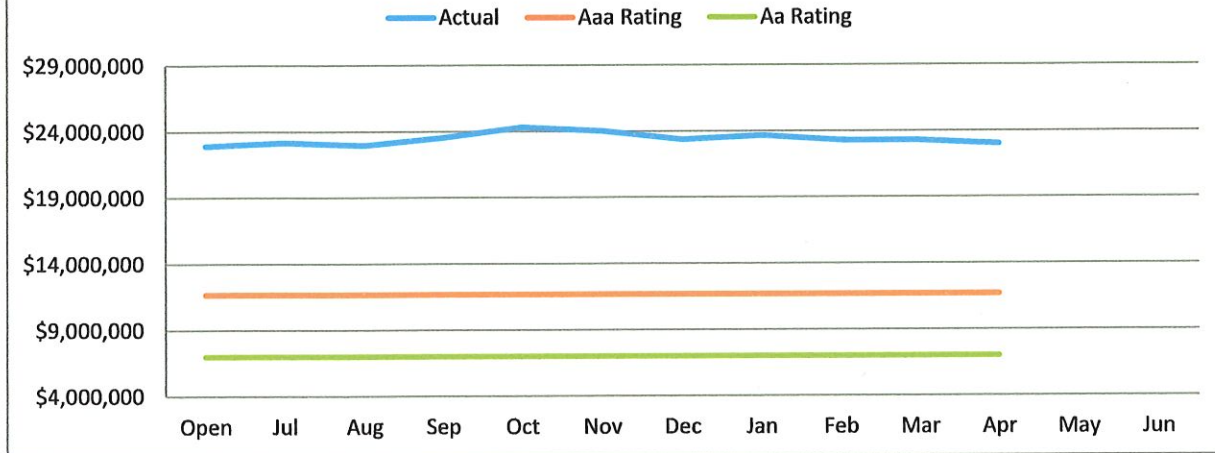
Total Debt	\$ 250,788,679
Operating Revenue	\$ 83,911,143
Debt/Operating Revenue	2.99

<2.00 = Aaa

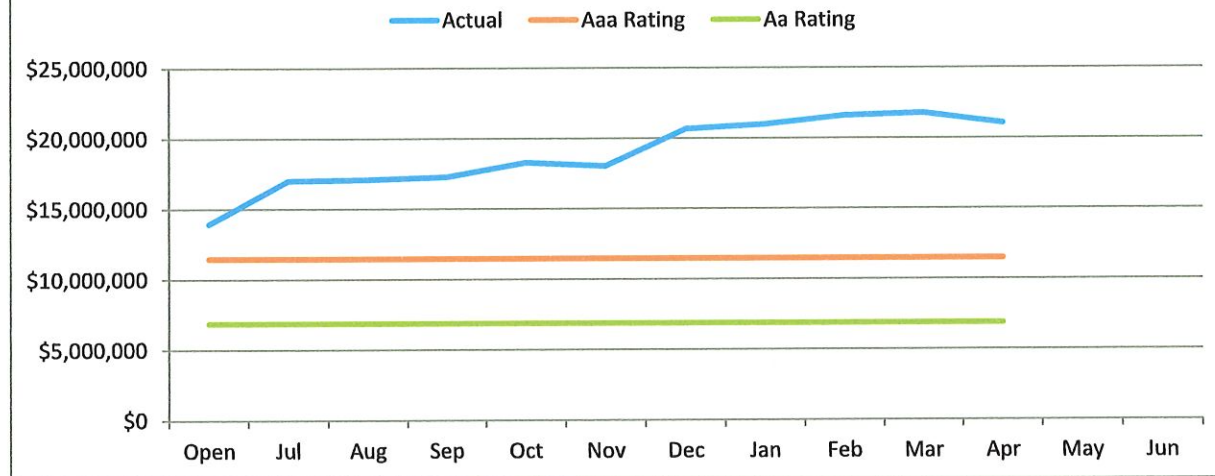
2.00 - 4.00 = Aa

Clarksville Gas & Water FY 2020

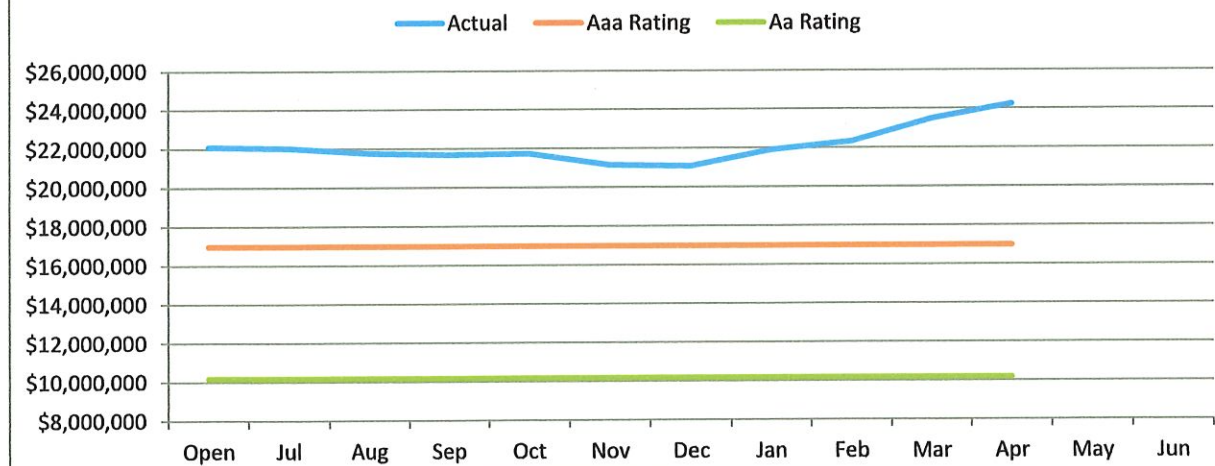
FY 2020 Available Cash - Water



FY 2020 Available Cash - Wastewater



FY 2020 Available Cash - Gas



**GAS & WATER DEPARTMENT
BID SUMMARY
May 21, 2020**

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>
4034	Sensus 496 Service Regulators	Equipment Controls Co.	\$ 38,649.60

SOLE SOURCE PURCHASES:

1. Future purchases and service of Kohler brand generators and parts from Nixon Power Systems.

Bid # 4034– Sensus 496 Service Regulators:

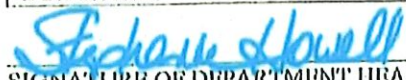
Equipment Controls Co.	\$ 38,649.60*
Combustion & Controls Co.	\$ 57,420.00
Tri-State Meter & Regulator	No Response

*Department Recommendation

REQUEST FOR PROFESSIONAL SERVICE

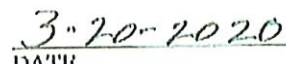
I. SELECTION OF FIRM

PROJECT NAME AND SCOPE OF WORK:	Gas Operator Qualification Learning Management System (LMS) – These educational services comprise online/e-learning courses accessible with iPad, tablet, or desktop computer, evaluator/proctor training, on-site instruction if/as needed, administration of LMS system and record retention, development of customized training modules within the LMS, 24/7 online data retrieval and reports in PDF as well as spreadsheet formats. Contract Term: 36 months with up to three one-year renewals
NAME OF FIRM:	Industrial Training Services, Inc. (ITS)
QUALIFICATIONS, COMPETENCE AND INTEGRITY OF FIRM:	ITS has over 30 years of experience developing and providing instructor-led and e-learning courses which comply with Federal and State safety and regulatory standards for the pipeline industry (i.e. DOT 49 CFR 192 & 195, ASME B31Q). ITS is a partner to the Tennessee Gas Association and monitors changes in regulations affecting Operator Qualification requirements for gas industry professionals within Tennessee and the US. ITS offers training sessions for proctors and evaluators.
YEARS OF EXPERIENCE:	30+
SIMILAR PROJECTS PERFORMED FOR THE CITY:	Online Operator Qualification Learning Management System & Operator Qualifications since 2017
SIMILAR PROJECTS PERFORMED ELSEWHERE:	- Knoxville (TN) Utilities Board -- LMS & OQ - City of Lebanon (TN) Gas Department -- LMS & OQ - City of Palo Alto (CA) -- LMS & OQ - Entergy Gas Distribution (Baton Rouge, LA) -- LMS & OQ
OTHER QUALIFICATIONS:	The current LMS system "On Board" was developed by the on-staff team of IT professionals at ITS. It is available 24/7 to access records and perform evaluations in the field, and it provides real-time training status information. ITS is readily available and responds quickly for customer service and tech support issues.
NAMES OF THOSE INVOLVED IN THE SELECTION (MUST BE 2 OR MORE AND MUST HAVE NO CONFLICT OF INTEREST AS PER PURCHASING POLICY):	Stephanie Howell, PE -- Gas Department Manager Troy Jones -- Assistant Gas Manager Brandon Thomas -- Compliance Manager
DEPARTMENT WHERE FUNDS ARE BUDGETED:	Clarksville Gas & Water Department

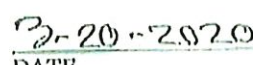

SIGNATURE OF DEPARTMENT HEAD OF BUDGETARY
DEPT. OR HIS/HER DESIGNER


DATE


SIGNATURES OF OTHERS INVOLVED IN SELECTION


DATE


SIGNATURES OF OTHERS INVOLVED IN SELECTION


DATE


SIGNATURE OF PURCHASING DIRECTOR


DATE

REQUEST FOR PROFESSIONAL SERVICE

Gas Operator Qualification LMS

Industrial Training Services, Inc.

Page 2

2. **COST:** ONCE ALL SIGNATURES ABOVE HAVE BEEN SECURED, YOU MAY NOW REQUEST PRICING FROM THE SELECTED FIRM. COST SHALL BE REPORTED TO THE PURCHASING DIRECTOR ONCE OBTAINED.

ESTIMATED COST (TO BE PROVIDED ONCE DETERMINED):	\$ 54,625. ⁰⁰
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Acknowledgement of cost estimate received:


SIGNATURE OF DEPARTMENT HEAD/DESIGNEE

5/6/2020
DATE


SIGNATURE OF PURCHASING DIRECTOR

5-6-20
DATE


SIGNATURE OF CHIEF FINANCIAL OFFICER

5/6/2020
DATE

REQUEST FOR PROFESSIONAL SERVICE

1. SELECTION OF FIRM

PROJECT NAME AND SCOPE OF WORK:	2 MGD Water Treatment Plant Upgrade -- The project comprises the design and preparation of construction plans and specifications to upgrade the existing water treatment plant capacity by 2 MGD from 28 MGD to 30 MGD. The work will include upgrades to the membrane filtration and high service pump processes. SSR will also provide bidding and limited construction phase services. Contract Term: Approximately 12 months
NAME OF FIRM:	Smith Seckman Reid, Inc. (SSR)
QUALIFICATIONS, COMPETENCE AND INTEGRITY OF FIRM:	SSR has breadth and depth of experience with water treatment plant design, construction administration and commissioning of some of the most challenging membrane treatment plant expansions in the area. SSR has built a reputation of successfully implementing some of the most advanced and innovative design concepts in water and wastewater treatment projects.
YEARS OF EXPERIENCE:	Founded in 1968 (52 Years)
SIMILAR PROJECTS PERFORMED FOR THE CITY:	• Clarksville North Water Treatment Plant Design and Construction Management/Administration (currently in the design phase) • Misc. Engineering Services -- Plans Review (Water, Wastewater and Gas) for Intersection Improvements of SR 48 (Trenton Road) and Needmore Road
SIMILAR PROJECTS PERFORMED ELSEWHERE:	• Alcoa Water Treatment Plant & Raw Water Pump Station, Alcoa, TN • Stones River Water Treatment Plant Upgrade & Expansion, Murfreesboro, TN • Smyrna Water Treatment Plant Expansion & Upgrade, Smyrna, TN • Franklin Water Treatment Plant Modifications, Franklin, TN • HVUD Water Treatment Plant & Raw Water Intake, Nashville, TN • Pigeon Forge Wastewater Treatment Plant, Pigeon Forge, TN • Metro Water Services Disinfection Improvements, Nashville, TN • Croton Water Treatment Plant Raw and Finished Water • Pump Stations, Corona, New York • Kentucky River Station II Pump Failure Root Cause Evaluations and Design, Hardin's Landing, Kentucky • Falls Lake Intake and Pump Station Improvements, Wake County, North Carolina • Alton Water Treatment Plant, Alton, Illinois • Bluestone Water Intake, Pumping Stations, and Plant, Summers County, West Virginia
OTHER QUALIFICATIONS:	SSR's local personnel at its Nashville headquarters is readily available to assist the City with its projects. A good working relationship exists with SSR, and SSR has performed satisfactorily on previous projects, which include not only the above referenced water projects but also several wastewater projects: WWTP Process Optimization Evaluation, WWTP Process Upgrades (project was halted due to May 2010 flooding and became obsolete) and Oak Street Lift Station.
NAMES OF THOSE INVOLVED IN THE SELECTION (MUST BE 2 OR	Garth Branch, PE

REQUEST FOR PROFESSIONAL SERVICE

2 MGD WTP Upgrade

Smith Seckman Reid, Inc.

Page 2

MORE AND MUST HAVE NO CONFLICT OF INTEREST AS PER PURCHASING POLICY):	Tom Heath, PE
DEPARTMENT WHERE FUNDS ARE BUDGETED:	Clarksville Gas & Water Department

SIGNATURE OF DEPARTMENT HEAD OF BUDGETARY
DEPT. OR HIS/HER DESIGNEE

02-25-2020

DATE

SIGNATURES OF OTHERS INVOLVED IN SELECTION

DATE

SIGNATURE OF PURCHASING DIRECTOR

DATE

2. COST: ONCE ALL SIGNATURES ABOVE HAVE BEEN SECURED, YOU MAY NOW REQUEST PRICING FROM THE SELECTED FIRM. COST SHALL BE REPORTED TO THE PURCHASING DIRECTOR ONCE OBTAINED.

ESTIMATED COST (TO BE PROVIDED ONCE DETERMINED):	\$ 182,589.00
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Acknowledgement of cost estimate received:

SIGNATURE OF DEPARTMENT HEAD/DESIGNEE

04-13-2020

DATE

SIGNATURE OF PURCHASING DIRECTOR

4-17-20

DATE

SIGNATURE OF CHIEF FINANCIAL OFFICER

4/13/2020

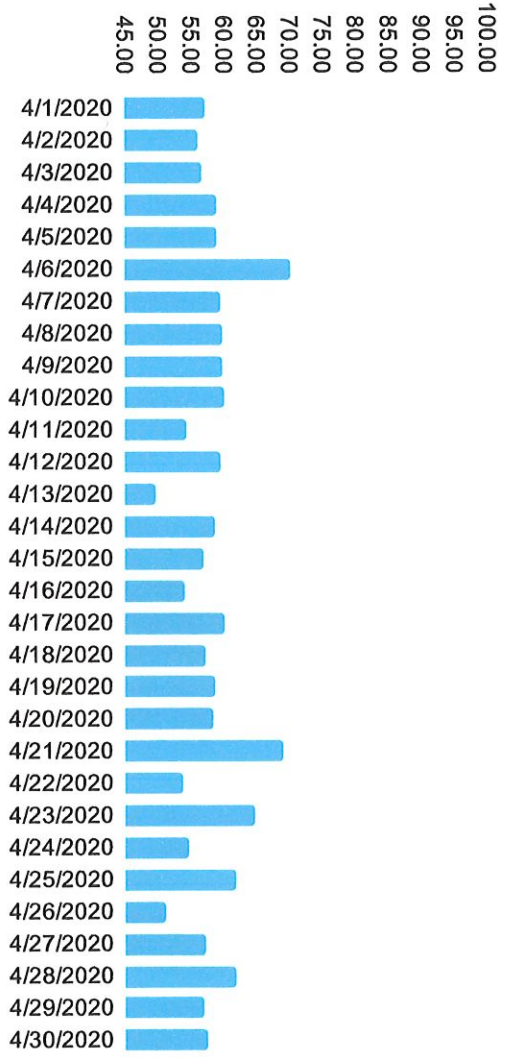
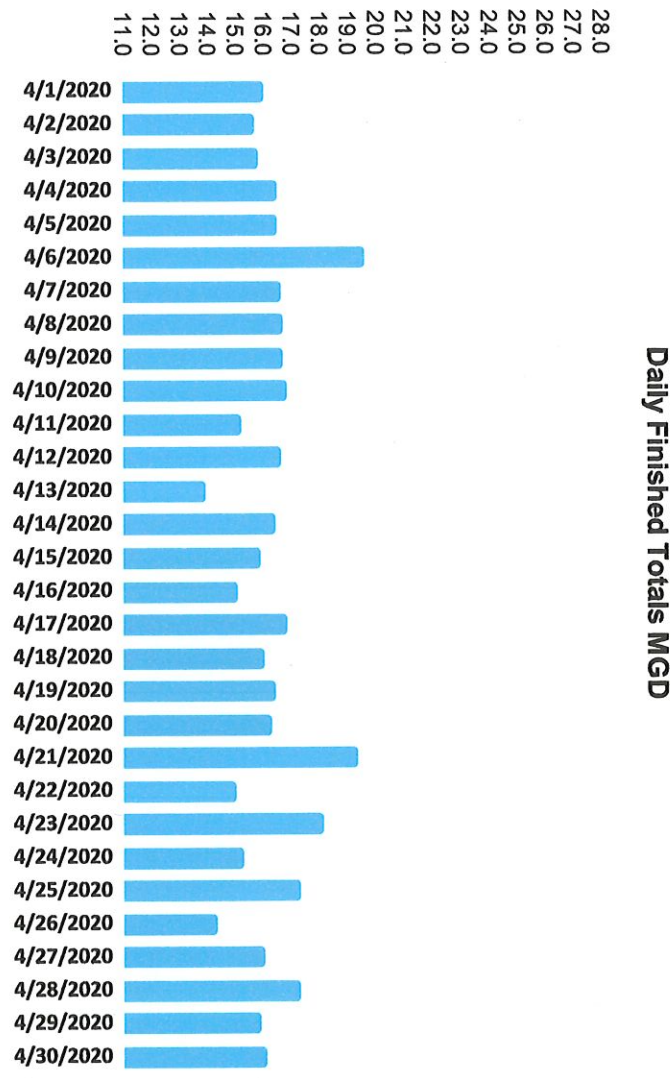
DATE

Monthly Activity Summary

April 2020

- Gas System distributed 323 million cubic feet and averaged 10.7 million cubic feet per day. That represents approximately 16 percent of the system's capacity.
- Water Plant pumped 491 million gallons of treated water into the system and averaged 16.3 million gallons per day. That represents approximately 58 percent of the plant's capacity.
- Wastewater Plant treated 420 million gallons of sewage and averaged 14 million gallons per day. That represents approximately 56 percent of the plant's capacity.
- Service Department completed 2,424 work orders, responded to 270 after hour calls.
- Water Division repaired 23 water leaks totaling 1,196 feet of pipe.
- Sewer Division made 11 point repairs totaling 94 feet of pipe, cleaned 3,076 feet of pipe, and reported 9 sewer overflows.
- Billing Department read 101,487 meters and sent a total of 94,877 bills and notices.

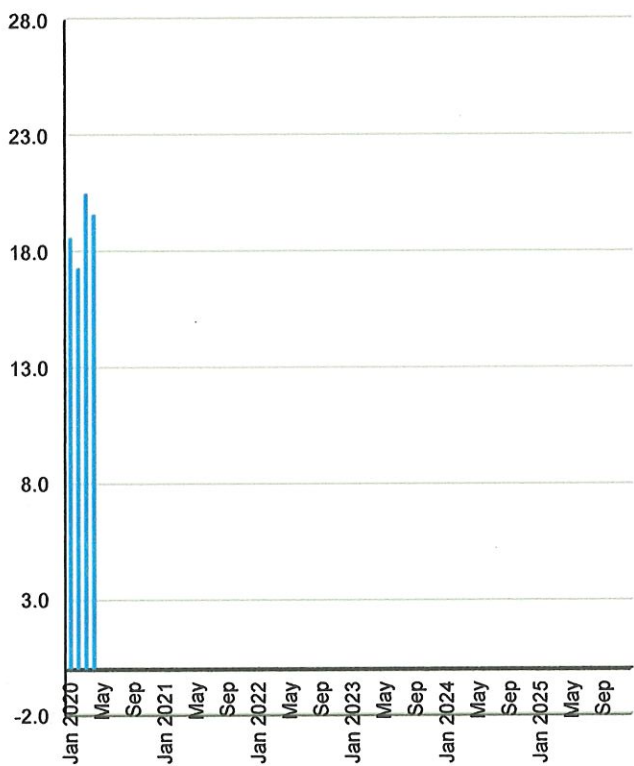
DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
4/1/2020	16.0	4/1/2020	57.14
4/2/2020	15.7	4/2/2020	56.07
4/3/2020	15.8	4/3/2020	56.43
4/4/2020	16.5	4/4/2020	58.93
4/5/2020	16.5	4/5/2020	58.93
4/6/2020	19.6	4/6/2020	70.00
4/7/2020	16.6	4/7/2020	59.29
4/8/2020	16.7	4/8/2020	59.64
4/9/2020	16.7	4/9/2020	59.64
4/10/2020	16.8	4/10/2020	60.00
4/11/2020	15.2	4/11/2020	54.29
4/12/2020	16.6	4/12/2020	59.29
4/13/2020	13.9	4/13/2020	49.64
4/14/2020	16.4	4/14/2020	58.57
4/15/2020	15.9	4/15/2020	56.79
4/16/2020	15.1	4/16/2020	53.93
4/17/2020	16.8	4/17/2020	60.00
4/18/2020	16.0	4/18/2020	57.14
4/19/2020	16.4	4/19/2020	58.57
4/20/2020	16.3	4/20/2020	58.21
4/21/2020	19.3	4/21/2020	68.93
4/22/2020	15.0	4/22/2020	53.57
4/23/2020	18.1	4/23/2020	64.64
4/24/2020	15.3	4/24/2020	54.64
4/25/2020	17.3	4/25/2020	61.79
4/26/2020	14.3	4/26/2020	51.07
4/27/2020	16.0	4/27/2020	57.14
4/28/2020	17.3	4/28/2020	61.79
4/29/2020	15.9	4/29/2020	56.79
4/30/2020	16.1	4/30/2020	57.50



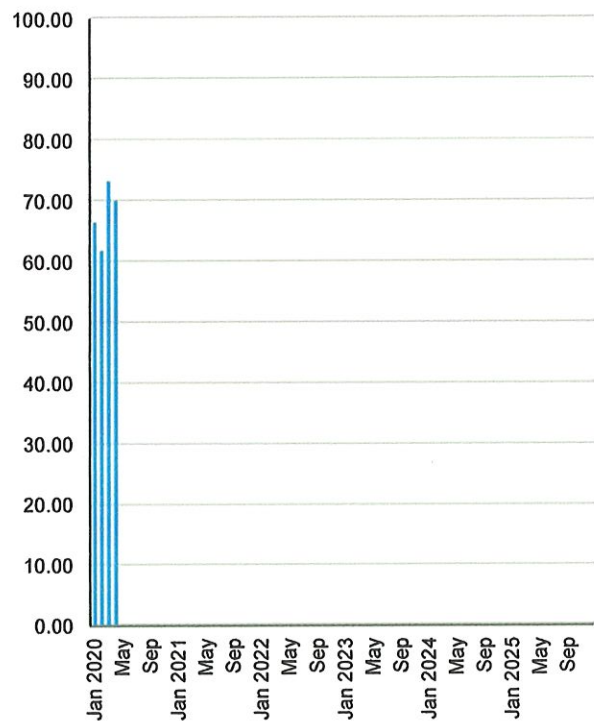
Monthly
total 490.1

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		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 2021		Jan 2021	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 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

Clarksville Maximum Daily Pumpage

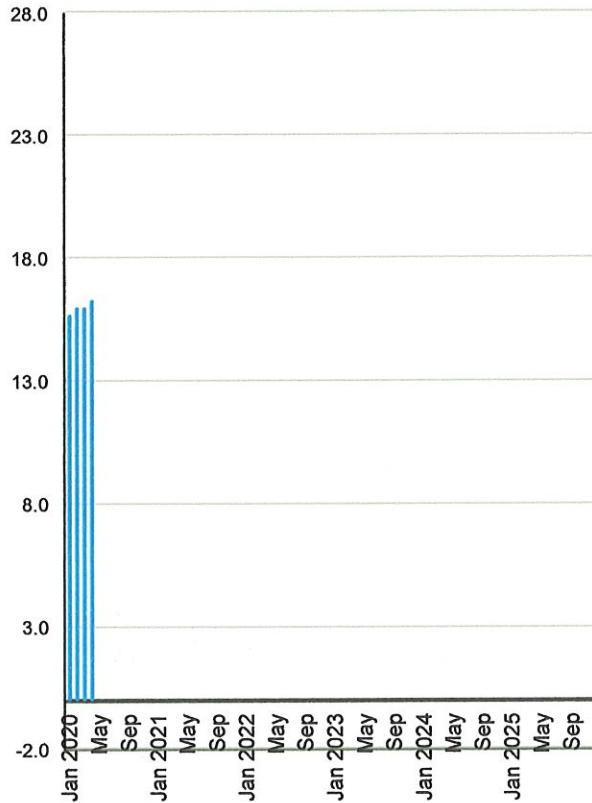


% of Capacity Based on 28 MGD

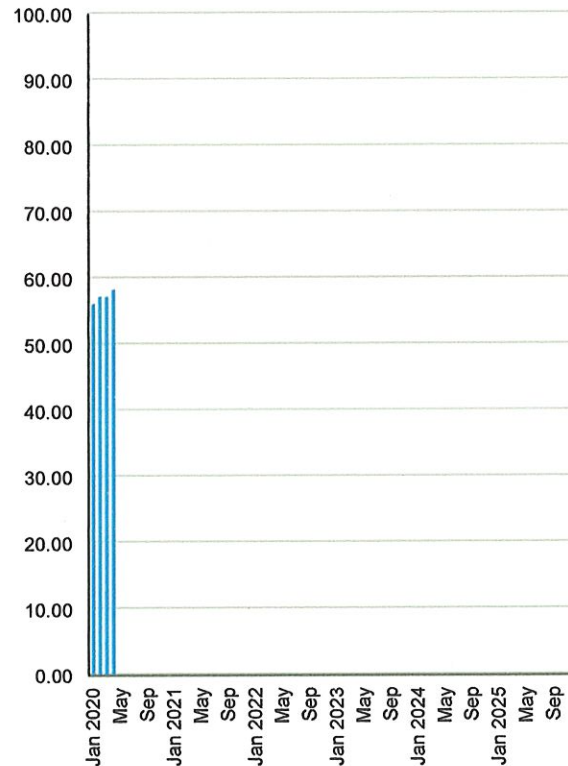


Date	Amt	Date	% of Capacity
Jan 2020	15.7	Jan 2020	56.07
Feb	16.0	Feb	57.14
Mar	16.0	Mar	57.14
Apr	16.3	Apr	58.21
May		May	0.00
Jun		Jun	0.00
Jul		Jul	0.00
Aug		Aug	0.00
Sep		Sep	0.00
Oct		Oct	0.00
Nov		Nov	0.00
Dec		Dec	0.00
Jan 2021		Jan 2021	0.00
Feb		Feb	0.00
Mar		Mar	0.00
Apr		Apr	0.00
May		May	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 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

Clarksville Average Monthly Pumpage



% of Capacity Based on 28 MGD



FINISHED WATER PUMPAGE TOTALS

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan.Total	459200	447498	439351	442038	486007	472836	460298	471709	542638	506802	487760
Aver.	14813	14435	14173	14259	15678	15253	14848	15216	17504	16348	15734
Max	18431	16217	16208	17032	18977	18841	17349	19091	19678	19667	18650
Min	12612	12888	12075	12695	11548	13616	12928	14348	14683	13896	12889
Feb.Total	400131	400455	406621	400164	424980	431331	420563	418523	450030	467133	464620
Aver.	14290	14302	14021	14292	15178	15405	14502	14947	16073	16683	16021
Max	16627	16869	16385	17101	17883	17659	15791	16453	19679	19919	17301
Min	12956	12725	12006	10627	12956	13342	13145	13507	14057	13710	14832
Mar.Total	434583	433918	458407	443135	454724	459349	442712	462775	488427	499251	498790
Aver.	14019	13997	14787	14295	14669	14818	14281	14928	15756	16105	16090
Max	15437	15903	20748	16323	16316	16565	15992	17089	17592	17367	20582
Min	12121	11697	10971	12758	12448	13381	12822	13894	14516	14929	13982
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	
Aver.	15230	15471	16741	15136	15964	16219	15613	16409	17266	17752	
Max	17344	18497	20470	17712	19461	18671	19413	19500	20201	21385	
Min	13213	12293	12189	12710	13064	14687	13917	13724	14348	14204	
Jun. Total	501081	516150	568593	484809	500530	505360	536245	525289	554301	539759	
Aver.	16703	17205	18953	16160	16684	16846	17875	17510	18477	17992	
Max	20540	21276	24850	18416	20717	19306	20660	24870	21444	21454	
Min	14482	14264	13858	13442	14133	14050	15630	14988	15308	14700	
Jul. Total	547116	565235	543355	503624	572496	544235	519632	571991	583935	569783	
Aver.	17649	18233	17528	16246	18468	17556	16762	19451	18837	18380	
Max	21511	20922	21568	19079	21348	21555	19407	21680	22472	21198	
Min	14667	15895	14232	12996	14926	14673	14985	15287	13853	16212	
Aug.Total	556358	582647	530106	501432	559563	547126	529644	566204	595380	584399	
Aver.	17947	18795	17100	16175	18050	17649	17085	18265	19206	18852	
Max	21053	20941	19035	20145	21121	20033	19451	22100	22024	21852	
Min	14592	16508	15105	14013	13566	14503	14785	15658	15318	15235	
Sep.Total	518822	476653	465948	494484	527302	508650	532147	530559	569190	605709	
Aver.	17294	15888	15532	16483	17577	16955	17738	17685	18973	20190	
Max	18847	20613	17889	17993	21379	19573	21501	19637	22112	23540	
Min	15096	13447	12729	14365	14851	14245	16104	15576	16342	17485	
Oct. Total	506481	485550	453395	482230	484925	471463	547410	533123	561681	560395	
Aver.	16338	15663	14626	15556	15643	15208	17658	17198	18119	18077	
Max	18428	17406	16734	18514	18115	16803	20503	19507	20803	21149	
Min	13631	13205	12269	12424	13993	13337	15408	14485	15333	14001	
Nov.Total	432624	434396	442808	442786	443208	427852	501075	490630	496859	506448	
Aver.	14421	14480	14760	14760	14774	14262	16703	16354	16562	16882	
Max	16368	15965	17735	16254	16718	15879	19499	18381	19630	19775	
Min	12016	12780	12435	13360	13207	12336	13700	13825	14615	14275	
Dec.Total	441260	438600	431342	463552	453064	442384	475697	497194	504637	492948	
Aver.	14234	14148	13914	14953	14615	14270	15345	16039	16279	15902	
Max	16116	16409	17507	20904	16055	16082	17226	17728	19829	17795	
Min	12521	12577	10650	12206	13421	12787	13516	13355	13897	13962	
Yr. Total	5726299	5698875	5731511	5556320	5844615	5747189	5897339	6056218	6353900	6378836	1942712
Yr. Aver.	15689	15613	15659	15222	16013	15746	16113	16592	17408	17476	
Peak Day	21511	21276	24850	20904	21379	21555	21501	24870	22472	23540	

Monthly Bypass / Overflow Report									
System:	Wastewater Collection System							County:	Montgomery
Month:	April	Year	2020					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:				
U	7		927 Tracy Ln FM # 2476	9:00AM	1:00PM	2,400	force main broken, repair pipe, spread lime		
U	8		Breckinridge LS	9:35PM	10:00PM	2,500	power outage, hooked up generator, spread lime		
U	11		811 Chancery LN MH# 3347	5:15PM	6:15PM	1,200	unstopped mainline, spread lime		
T	12		Ringgold RD LS MH# 18275	4:10PM	6:10PM	1,000	heavy rainfall, rain event stopped		
T	12		Savannah LS MH# 10660	5:00PM	6:00PM	3,000	heavy rainfall, rain event stopped		
U	14		1212 Southern Pkwy line segment # 1764	3:30PM	4:00PM	6,810	contractor hit force main, repaired pipe, removed soil		
U	21		1230 Southern Pkwy line segment # 4228	5:30PM	8:00PM	4,500	contractor hit gravity main, repaired pipe, removed soil		
U	23		718 Richardson st MH# 8854	9:00 AM	9:20 AM	600	unstopped mainline, spread lime		
T	25		Savannah LS MH# 10660	1:30PM	6:25PM	26,000	heavy rainfall, rain event stopped		
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>	
April	2020	28,897	72,590	101,487	99.93%
March	2020	28,863	72,359	101,222	99.93%
February	2020	28,827	72,153	100,980	99.91%
January	2020	28,778	71,996	100,774	99.89%
December	2019	28,732	71,834	100,566	99.86%
November	2019	28,678	71,703	100,381	99.88%
October	2019	28,672	71,447	100,119	99.92%
September	2019	28,605	71,329	99,934	99.92%
August	2019	28,577	71,166	99,743	99.93%
July	2019	28,552	71,041	99,593	99.90%
June	2019	28,532	70,887	99,419	99.89%
May	2019	28,495	70,697	99,192	99.90%
April	2019	28,491	70,536	99,027	99.91%
12 Month Total		372,699	929,738	1,302,437	99.91%

SERVICE DEPARTMENT

		<u>Service Orders</u>	<u>After Hours Calls</u>
April	2020	2424	270
March	2020	3804	275
February	2020	4251	416
January	2020	4985	361
December	2019	4467	290
November	2019	4465	391
October	2019	4778	436
September	2019	4995	361
August	2019	5456	414
July	2019	5244	390
June	2019	5042	306
May	2019	5371	370
April	2019	4728	314
March	2019	4474	298
February	2019	3990	260
January	2019	5047	374
12 Month Total		73,521	5,526

ORDINANCE 79-2019-20

AN ORDINANCE AUTHORIZING EXTENSION OF CITY OF CLARKSVILLE UTILITY SERVICES OUTSIDE THE CLARKSVILLE CITY LIMITS; REQUEST OF HOUSTON SMITH, TTL ENGINEERING FOR PROPERTY LOCATED ON SANGO ROAD AND DURHAM ROAD

WHEREAS, proper application has been made by Houston Smith, TTL Engineering for extensions of City utility service to property located at Sango Commons Subdivision Section 2, Cmap 086, Parcels 20.00 and 20.01 with the property address of Sango Road and Durham Road outside the corporate boundary of the City, said property and the extension of service thereto, which is more particularly described in Exhibit A attached hereto and incorporated herein; and

WHEREAS, the City of Clarksville Gas and Water Department has recommended approval of said application; and

WHEREAS, the Gas, Water and Sewer Committee of the Clarksville City Council has recommended approval of said application; and

WHEREAS, the Clarksville City Council finds that all of the requirements of City Code Section 13-405 have been or are satisfied and the extension of water and sewer service to property as described in Exhibit A will be in the best interest of the City.

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

That the City of Clarksville Gas, Water and Sewer Department is hereby authorized to extend utility service to property located at Cmap 086, Parcels 20.00 and 20.01 with the property address of Sango Road and Durham Road outside the City corporate limits as described in Exhibit A attached hereto and incorporated herein and subject to and in accordance with the provisions of the City Code and Ordinance 37-2009-10.

FIRST READING:

SECOND READING:

EFFECTIVE DATE

EXHIBIT A



ORDINANCE 80-2019-20

AN ORDINANCE AUTHORIZING EXTENSION OF CITY OF CLARKSVILLE UTILITY SERVICES OUTSIDE THE CLARKSVILLE CITY LIMITS; REQUEST OF CHRISTINE OLIVER FOR PROPERTY LOCATED AT 3431 BUCK ROAD

WHEREAS, proper application has been made by Houston Smith, TTL Engineering for extensions of City utility service to property located at Cmap 034, Parcel 23.00 with the property address of 3431 Buck Road outside the corporate boundary of the City, said property and the extension of service thereto, which is more particularly described in Exhibit A attached hereto and incorporated herein; and

WHEREAS, the City of Clarksville Gas and Water Department has recommended approval of said application; and

WHEREAS, the Gas, Water and Sewer Committee of the Clarksville City Council has recommended approval of said application; and

WHEREAS, the Clarksville City Council finds that all of the requirements of City Code Section 13-405 have been or are satisfied and the extension of water and sewer service to property as described in Exhibit A will be in the best interest of the City.

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

That the City of Clarksville Gas, Water and Sewer Department is hereby authorized to extend utility service to property located at Cmap 034, Parcel 23.00 with the property address of 3431 Buck Road outside the City corporate limits as described in Exhibit A attached hereto and incorporated herein and subject to and in accordance with the provisions of the City Code and Ordinance 37-2009-10.

FIRST READING:

SECOND READING:

EFFECTIVE DATE

EXHIBIT A

