



GAS & WATER COMMITTEE AGENDA

DATE: November 18, 2021

TIME: 4:30 p.m.

LOCATION: Clarksville Gas & Water Department

I. CALL TO ORDER

II. ANNOUNCE MEMBERS IN ATTENDANCE (VERIFY QUORUM)

III. ADOPTION OF MINUTES: October 21, 2021

IV. DEPARTMENT REPORTS:

1. Bid – Summary – Camille Thomas
2. Professional Services – Camille Thomas
 - Fee Increase for Flow Monitoring Services from ADS Environmental Services in the amount of \$25,000.00 for a total cost of \$199,600.00.
3. Sale of Surplus Property on GovDeals.com for the month of October, 2021 - \$260.00. – Camille Thomas
4. Bad Debt – Dawn Thomack
5. Financials – Dawn Thomack
6. Department Reports – Mark Riggins

V. COMMITTEE ACTION REQUIRED

VI. CITY COUNCIL ACTION REQUIRED

VII. ADJOURNMENT

VIII. PUBLIC COMMENTS (5 minutes each)



GAS & WATER COMMITTEE

October 21, 2021

MINUTES

CALL TO ORDER

A meeting of the City of Clarksville Gas & Water Committee was called to order by Chairman Wallace Redd, on Thursday, October 21, 2021, at 4:30 p.m.

ATTENDANCE

The following were in attendance:

Councilman Wallace Redd, Councilwoman Stacey Streetman, Councilwoman Wanda Allen, Mark Riggins, Dawn Thomack, Camille Thomas, and Mandy Phillips.

ADOPTIONS OF MINUTES

Councilwoman Stacey Streetman made a motion to approve the minutes of the July 22, 2021 committee meeting, Councilman Wanda Allen seconded it, and the motion passed unanimously.

DEPARTMENT REPORTS

Camille Thomas reported the Bid-Summary for the month.

Camille Thomas also reported the following professional services for the month:

- Electrical Training for Gas & Water employees from Shermco. Cost shall be determined based on the type of training received.
- Design of the High Point Road LP Natural Gas Main Extensions from Clark Engineering & Utility Solutions, LLC in the amount of \$84,100.00.
- North Clarksville Water Treatment Plant Construction Monitoring & Testing Services from TTL, Inc. in the amount of \$2,485,291.55.

- Fee Increase on the Design of the Fire & Security System Replacement Project from WBW Engineering in the amount of \$52,040.00 for a total cost of \$78,390.00.
- Fee Increase on the Miscellaneous Engineering & Surveying Services in support of Capital Improvement Projects contract with Suiter Surveying & Land Planning in the amount of \$30,000.00 for a total cost of \$80,000.00.
- Design of the Ivy Bend Impressed Current Cathodic Protection System from Southern Cathodic Protection Company in the amount of \$22,820.00.

Sale of Surplus Property for the months of July, August & September 2021 totaling \$42.00 was reported by Camille Thonas.

Bad Debt was reported by Dawn Thomack by explaining the write-off report for the month of September 2021.

Dawn Thomack also reported the Financials for the month of September 2021.

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

COMMITTEE ACTION REQUIRED

CITY COUNCIL ACTION REQUIRED

ADJOURNMENT

The meeting was adjourned at 5:24 p.m.

**GAS & WATER DEPARTMENT
BID SUMMARY
NOVEMBER 18, 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>
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No bids or proposals have been awarded since the previous meeting

SOLE SOURCE PURCHASES:

1. Future purchases of 3M Scotchkote 6233 fusion bonded, dual coat ARO and Powercrete ARO coated steel pipe from Consolidated Pipe and Supply.

STATE CONTRACT PURCHASES:

1. Purchase of a CAT 308 from Thompson Machinery in the amount of \$110,736.00.
2. Purchase of WWTP lab supplies from VWR International in the amount of \$14,237.38.

PURCHASE FROM THE OMNIA PARTNERS COOPERATIVE:

1. Purchase of Artic Wolf Security Software in the amount \$45,758.07 from Waypoint.

EMERGENCY PURCHASE:

1. Repair of the air conditioning unit at the Water Treatment Plant's Raw Water Pump Station in the amount of \$4,067.00 from Mainstream Heating and Cooling.

REQUEST FOR PROFESSIONAL SERVICE – FEE INCREASE NOTIFICATION

1. SELECTION OF FIRM

PROJECT NAME AND SCOPE OF WORK:	Flow Monitoring Services to identify and prioritize infiltration/inflow and other capacity-related problems to improve system performance. Services will comprise field services to install and maintain flow monitoring network, data analysis to assure accuracy and reliability of flow data, delivery of flow monitoring data and engineering reporting, which comprises statistical analysis and data interpretation. ADS will provide temporary flow studies to delineate problem areas, rank sub-basins by inflow and infiltration severity. In addition, ADS will monitor flow long-term, collect pre- and post-flow performance data, and evaluate such data to verify rehabilitation and support project goals. Contract Term: One year with two one-year renewal options Change Order No. 1: Fee increase to capture services in the first renewal term. Change Order No. 2: Fee increase to capture cost of services in the second and last renewal term. Change Order No. 3: Fee increase to capture greater magnitude of services required during the second and last renewal term.
NAME OF FIRM:	ADS Environmental Services (ADS)
QUALIFICATIONS, COMPETENCE AND INTEGRITY OF FIRM:	ADS has served the water and wastewater industry for over four decades. ADS monitors the performance of collection system flows and sewer levels. ADS provides robust, accurate and affordable measurement along with hydraulic analysis to support project and financial objectives. ADS offers comprehensive, innovative flow information, from real-time flow data to temporary flow monitoring reports. In addition, ADS offers level monitoring to provide early warning of preventable blockages - preventing overflows and optimizing sewer cleaning. With its extensive experience and thousands of flow and level assessment projects, ADS tailors product recommendations to meet even the most challenging projects and provide the right level of services to match budget and resources. ADS has a comprehensive array of software products that deliver information of the highest quality. ADS utilizes flow monitors, level monitors as well as software, and provides field services and data processing to Web-based information and statistical reporting.
YEARS OF EXPERIENCE:	Established in 1975
SIMILAR PROJECTS PERFORMED FOR THE CITY:	Services in the past 10+ years include: - Flow meters and rain gauges for long term sewer line flow monitoring along with data analysis - CSO basin study flow monitoring
SIMILAR PROJECTS PERFORMED ELSEWHERE:	Nashville, TN – CSO/SSO Reduction – Long Term Flow Monitoring Murfreesboro, TN – Level Monitoring Indianapolis, IN – Comprehensive Flow Monitoring, I/I Reduction
OTHER QUALIFICATIONS:	ADS has satisfactorily provided flow data collection and analysis and interpretation to CGW in the past. To provide its customers improved equipment reliability, field work efficiencies, and outstanding flow data uptime, ADS has maintained a Certified Quality Management System (QMS) for products and services, which is centered around ensuring the implementation of quality processes through continuous improvement and customer feedback, for over twenty years. ADS' management team relies on ISO and ATEX standards to focus all employees on quality systems

REQUEST FOR PROFESSIONAL SERVICE – FEE INCREASE NOTIFICATION

Flow Monitoring Services

ADS Environmental Services

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	that audit manufacturing, service, and sales processes for continuous improvements which are tied directly to customer requirements. ADS is the only flow monitoring company in its industry with an ISO certification of field services. ADS is audited annually by authorized agencies for verifying compliance to ISO 9001 QMS standards. ADS audits internal field services such as flow monitoring installations and maintenance services.
NAMES OF THOSE INVOLVED IN THE SELECTION (MUST BE 2 OR MORE AND MUST HAVE NO CONFLICT OF INTEREST AS PER PURCHASING POLICY):	Garth B. Branch, PE Y'hanna Perez-Ortiz, PE
DEPARTMENT WHERE FUNDS ARE BUDGETED:	Clarksville Gas & Water Department

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

10-07-2021
DATE

SIGNATURES OF OTHERS INVOLVED IN SELECTION

7 October 2021
DATE

SIGNATURE OF PURCHASING DIRECTOR

10-8-21
DATE

2. COST - NOTIFICATION:

PLEASE NOTE, THAT THIS FEE INCREASE REQUEST FOR PROFESSIONAL SERVICE IS SUBMITTED IN ACCORDANCE WITH CGW'S STANDARD PROCEDURE ON THE USE OF CONTRACT CHANGE ORDERS, WHICH SPECIFIES THAT NOTIFICATION MUST BE SENT TO THE PURCHASING OFFICER, IF THE AGGREGATE OF ALL CHANGE ORDERS EXCEEDS THE BASE CONTRACT PRICE BY MORE THAN THIRTY PERCENT (30%).

Fee Increase of \$25,000.00 (currently approved fee \$174,600.00)

(Note: Original Contract Amount:	\$ 58,200.00
Change Order No. 1:	\$ 58,200.00
Change Order No. 2:	\$ 58,200.00
Change Order No. 3:	\$ 25,000.00
Total Not-to-Exceed Contract Fee:	\$199,600.00)

Acknowledgement of fee increase received:

SIGNATURE OF DEPARTMENT HEAD/DESIGNEE

10-07-2021
DATE

SIGNATURE OF PURCHASING DIRECTOR

10-8-21
DATE

SIGNATURE OF CHIEF FINANCIAL OFFICER

10-8-2021
DATE

Clarksville Gas and Water Department, TN
Date range: 01 Oct 2021 - 31 Oct 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>
345	MISC VAULTS AND BANK SAFETY DEPOSIT BOXES		donald hagewood	USD	\$260.00	11 Oct 2021 08:00 AM CT	
					\$260.00		

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
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
Apr-21	\$ 4,901.90	42	\$ 116.71	\$ 6,396.68	\$ 2,540.36	35	\$ 72.58
May-21	\$ 4,471.03	41	\$ 109.05	\$ 4,548.25	\$ 3,424.65	38	\$ 90.12
Jun-21	\$ 12,212.02	59	\$ 206.98	\$ 5,861.75	\$ 7,862.51	63	\$ 124.80
Jul-21	\$ 11,260.00	52	\$ 216.54	\$ 2,649.96	\$ 17,748.94	106	\$ 167.44
Aug-21	\$ 5,690.17	59	\$ 96.44	\$ 2,979.86	\$ 25,802.02	116	\$ 222.43
Sep-21	\$ 15,585.77	84	\$ 185.54	\$ 8,192.03	\$ 27,977.22	89	\$ 314.35
Oct-21	\$ 14,583.64	77	\$ 189.40	\$ 3,754.22	\$ 10,528.76	63	\$ 167.12
	\$ 145,804.53	866	\$ 168.37	\$ 60,528.51	\$ 140,159.85	821	\$ 170.72
				41.51%			

**CGW Water Department
October, 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	2,281,103	2,045,342	235,762	9,561,816	8,181,367	1,380,449
Penalties	32,461	27,083	5,378	127,596	108,333	19,263
Other Income	339,916	306,667	33,250	1,421,073	1,226,667	194,406
Gross Revenue	2,653,481	2,379,092	274,389	11,110,485	9,516,367	1,594,118
Water Plant 1	353,520	357,574	4,054	1,583,917	1,430,294	(153,623)
Water Plant 2	42,209	70,674	28,464	171,307	282,695	111,388
Water Transmission	582,359	740,926	158,567	2,171,226	2,963,706	792,480
Water Administration	46,776	30,645	(16,131)	158,114	122,580	(35,534)
Customer Service	319,090	328,382	9,292	1,348,942	1,313,529	(35,413)
Accounting	51,131	56,347	5,215	236,455	225,386	(11,069)
Engineering	87,347	115,599	28,252	400,421	462,396	61,975
Admin & General	76,314	81,280	4,966	320,123	325,121	4,998
Other Expenses	16,621	16,500	(121)	64,511	66,000	1,489
Depreciation	536,994	522,750	(14,244)	2,138,348	2,091,000	(47,348)
Total Operating Expenses	2,112,361	2,320,677	208,315	8,593,363	9,282,706	689,343
Income from Operations	541,120	58,415	482,705	2,517,121	233,660	2,283,461
Interest Income	(1,433,461)	6,750	(1,440,211)	(1,423,869)	27,000	(1,450,869)
Other Income (Expense)	17,716	(79,583)	97,300	(991,667)	(318,333)	(673,334)
Interest Expense	(71,077)	(340,275)	269,198	(273,804)	(1,361,101)	1,087,297
Debt Amortization Income	159,523	15,361	144,162	663,417	61,444	601,973
PILOT	(98,142)	(98,142)	-	(392,568)	(392,568)	-
Total Other Income (Expense)	(1,425,441)	(495,890)	(929,551)	(2,418,491)	(1,983,558)	(434,932)
Total Income / (Loss)	(884,321)	(437,475)	(446,847)	98,631	(1,749,898)	1,848,529
Capital Spend	4,297,546	6,925,000	2,627,454	5,015,913	18,188,000	13,172,087
Contributed Capital - Cash	500	-	500	2,675	0	2,675
Contributed Capital - Non-Cash	-	1,000,000	(1,000,000)	105,391	4,000,000	(3,894,609)

CGW Wastewater Department
October, 2021

	<u>Actual</u>	<u>Month Budget</u>	<u>Fav/(Unfav)</u>	<u>Actual</u>	<u>Year to Date Budget</u>	<u>Fav/(Unfav)</u>
Sales to Customers	3,504,794	3,433,367	71,427	14,539,486	13,733,467	806,020
Penalties	48,814	41,667	7,148	197,403	166,667	30,736
Other Income	475,227	397,417	77,810	1,762,418	1,589,667	172,752
Gross Revenue	4,028,835	3,872,450	156,385	16,499,308	15,489,800	1,009,508
Wastewater Plant	388,200	452,299	64,100	1,589,718	1,809,197	219,479
Wastewater Collection	578,654	611,007	32,353	2,377,990	2,444,029	66,039
Wastewater Administration	55,422	51,446	(3,976)	222,662	205,783	(16,879)
Customer Service	176,171	188,173	12,002	798,230	752,691	(45,540)
Accounting	50,909	62,786	11,878	240,355	251,145	10,791
Engineering	97,585	122,024	24,440	404,586	488,098	83,511
Admin & General	72,545	81,351	8,807	304,294	325,405	21,110
Other Expenses	16,785	16,500	(285)	65,197	66,000	803
Depreciation	1,080,123	985,333	(94,790)	4,053,652	3,941,333	(112,319)
Total Operating Expenses	2,516,393	2,570,920	54,528	10,056,685	10,283,681	226,996
Income from Operations	1,512,442	1,301,530	210,913	6,442,623	5,206,119	1,236,504
Interest Income	4,699	8,750	(4,051)	19,069	35,000	(15,932)
Other Income (Expense)	16,243	667	15,577	(340,142)	2,667	(342,809)
Interest Expense	(671,699)	(488,197)	(183,502)	(2,302,388)	(1,952,789)	(349,599)
Debt Amortization Income	90,443	74,758	15,685	8,852,891	299,033	8,553,858
PILOT	(193,771)	(193,771)	-	(775,083)	(775,083)	-
Total Other Income (Expense)	(754,084)	(597,793)	(156,291)	5,454,346	(2,391,173)	7,845,519
Total Income / (Loss)	758,358	703,737	54,622	11,896,969	2,814,946	9,082,023
Capital Spend	785,401	1,643,000	857,599	2,735,472	6,905,000	4,169,528
Contributed Capital - Cash	-	-	-	1,878	-	1,878
Contributed Capital - Non-Cash	-	916,667	(916,667)	-	3,666,667	(3,666,667)

CGW Gas Department
October, 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	1,786,420	1,607,176	179,244	6,240,568	5,565,147	675,421
Penalties	8,235	8,333	(99)	29,247	33,333	(4,087)
Other Income	72,472	95,292	(22,819)	407,993	381,167	26,827
Gross Revenue	1,867,127	1,710,801	156,326	6,677,808	5,979,647	698,161
Cost of Gas	2,067,711	747,939	(1,319,772)	4,835,792	2,991,756	(1,844,036)
Gas Distribution	238,211	253,490	15,279	939,031	1,013,959	74,928
Gas Administration	119,658	195,616	75,958	495,311	782,464	287,153
Ft. Campbell Operations	39,894	40,992	1,098	173,863	163,967	(9,897)
Customer Service	87,980	111,937	23,956	479,736	447,747	(31,989)
Accounting	43,540	55,031	11,492	207,862	220,124	12,262
Engineering	41,188	59,147	17,959	186,800	236,589	49,789
Admin & General	72,437	81,228	8,790	303,567	324,910	21,343
Other Expenses	13,597	16,500	2,903	51,810	66,000	14,190
Depreciation	161,767	162,417	650	647,844	649,667	1,823
Total Operating Expenses	2,885,982	1,724,296	(1,161,686)	8,321,615	6,897,182	(1,424,432)
Income from Operations	(1,018,855)	(13,495)	(1,005,360)	(1,643,807)	(917,535)	(726,272)
Interest Income	3,035	5,942	(2,907)	12,726	23,767	(11,041)
Other Income (Expense)	12,200	500	11,700	12,660	2,000	10,660
Interest Expense	(16,205)	(14,011)	(2,194)	(60,468)	(56,043)	(4,425)
Debt Amortization Income	3,753	3,766	(13)	100,411	15,063	85,348
PILOT	(66,298)	(66,298)	-	(265,193)	(265,193)	-
Total Other Income (Expense)	(63,515)	(70,102)	6,586	(199,865)	(280,406)	80,541
Total Income / (Loss)	(1,082,370)	(83,596)	(998,774)	(1,843,672)	(1,197,942)	(645,730)
Capital Spend	63,734	739,000	675,266	660,369	2,942,000	2,281,631
Contributed Capital - Cash	-	6,250	(6,250)	890	25,000	(24,110)
Contributed Capital - Non-Cash	-	41,667	(41,667)	-	166,667	(166,667)

FY 2022 Debt Coverage

October, 2021

Fiscal Period	4
	<u>Actual</u>
System Gross Revenue	\$ 34,287,600
System Operating Expenses	26,971,663
	7,315,937
Add: Depreciation Expense	6,839,844
Other Revenue (Expense)	(2,711,225)
Net Revenues	\$ 11,444,556

Debt Coverage Ratio	1.98
Debt Coverage Ratio Goal	1.70
<i>FY 2021 Coverage Ratio</i>	2.12
<i>FY 2020 Coverage Ratio</i>	2.09

>2.00 = Aaa rating

1.70-2.00 = Aa rating

Debt to Operation Revenue Ratio

October, 2021

FY 2022 Budget

Total Debt	\$ 356,997,569
Operating Revenue	\$ 102,862,799
Debt/Operating Revenue	3.47

FY 2021 Actual

Total Debt	\$ 177,406,199
Operating Revenue	\$ 97,336,265
Debt/Operating Revenue	1.82

FY 2020 Actual

Total Debt	\$ 189,626,801
Operating Revenue	\$ 92,208,721
Debt/Operating Revenue	2.06

FY 2019 Actual

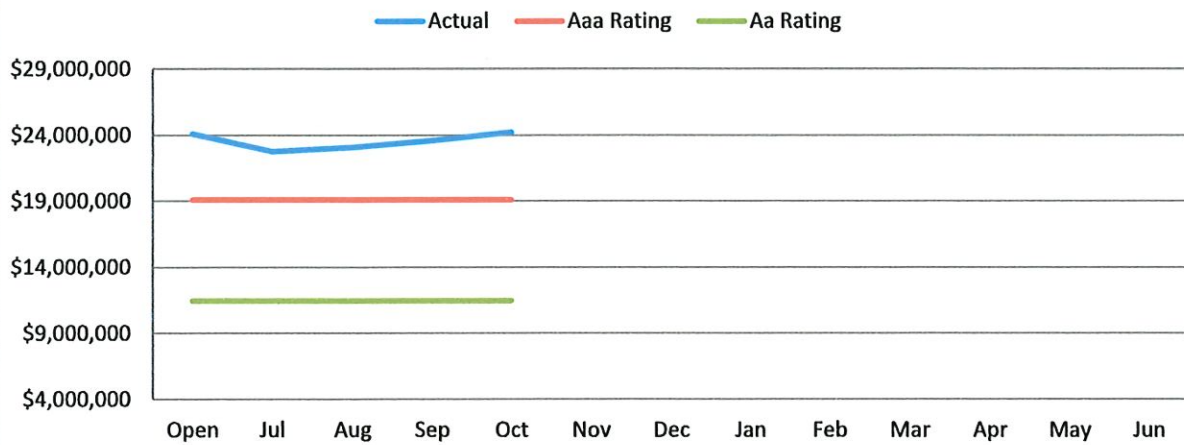
Total Debt	\$ 210,708,804
Operating Revenue	\$ 93,864,185
Debt/Operating Revenue	2.24

<2.00 = Aaa

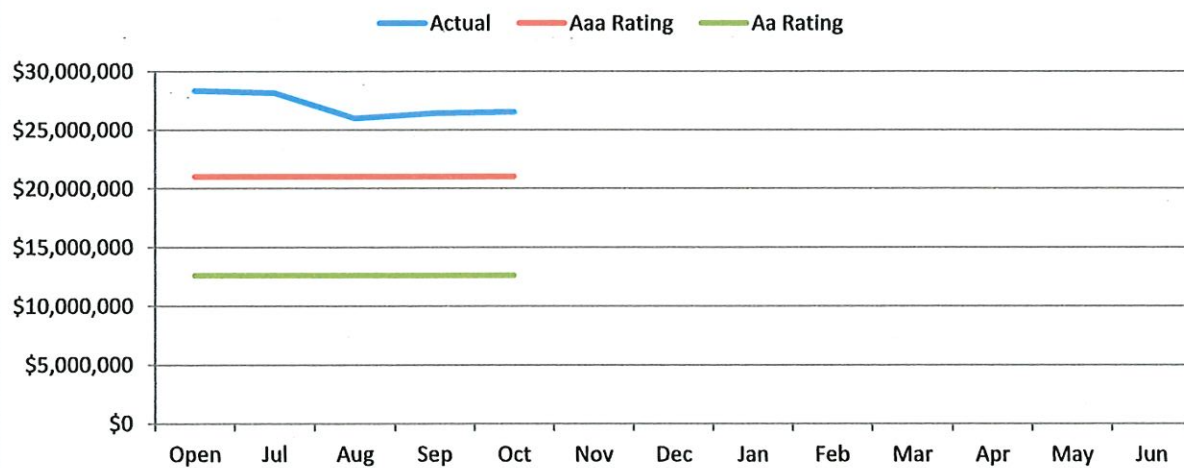
2.00 - 4.00 = Aa

Clarksville Gas & Water FY 2022

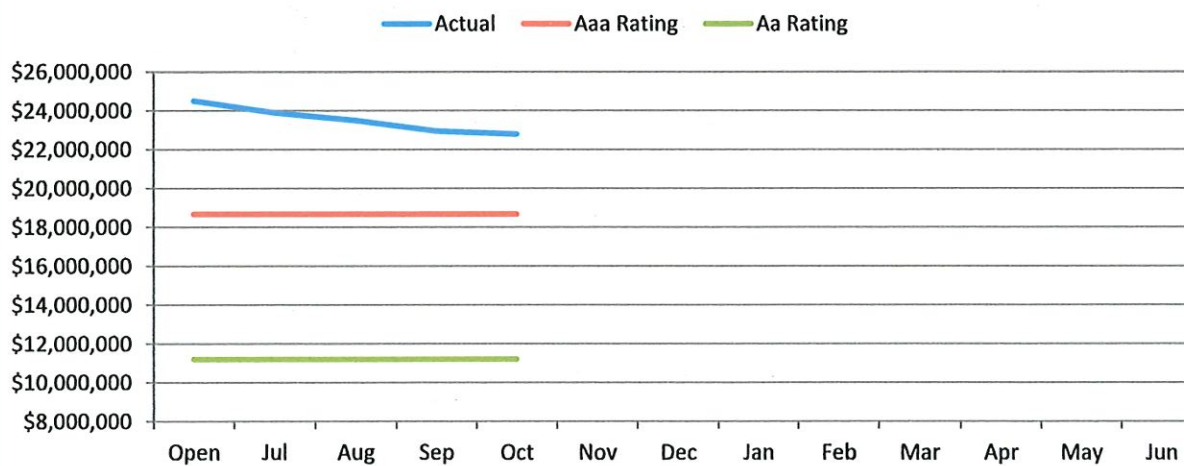
FY 2022 Available Cash - Water



FY 2022 Available Cash - Wastewater



FY 2022 Available Cash - Gas



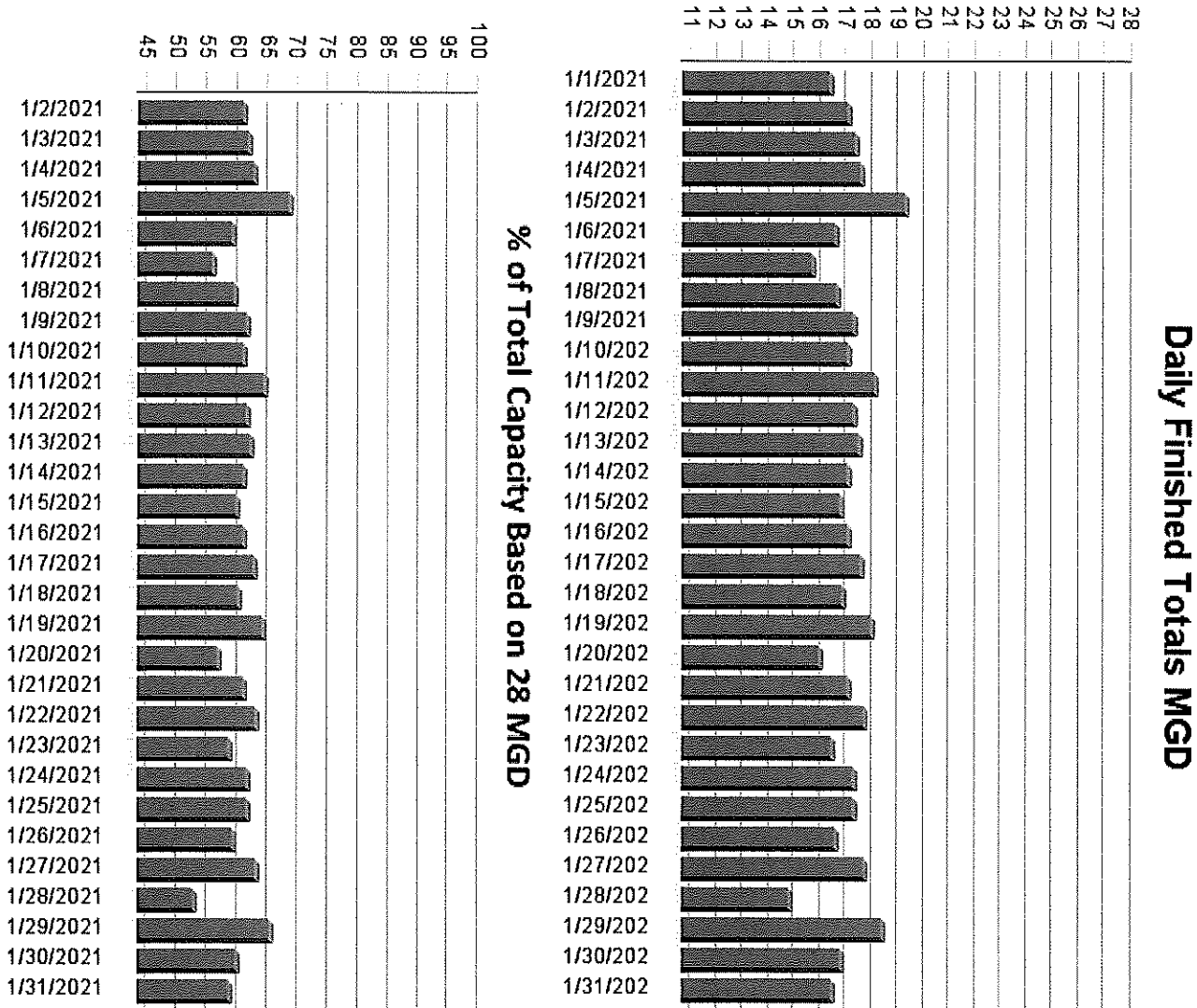


Monthly Activity Summary

October 2021

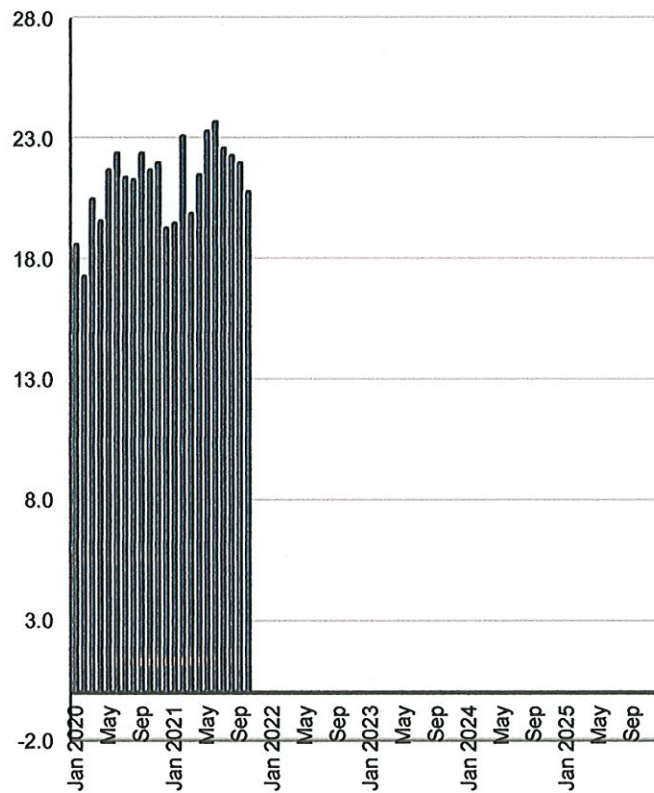
- **Assessment Areas:**
 - Hazelwood: cost \$2,727,241 / paid \$2,536,250 / remaining \$190,991
 - Oakland: cost \$881,876 / paid \$293,975/ remaining \$587,901
- Gas System distributed 339 million cubic feet and averaged 10.9 million cubic feet per day. That represents approximately 16.6 percent of the system's capacity.
- Water Plant pumped 576 million gallons of treated water into the system and averaged 18.6 million gallons per day. That represents approximately 66 percent of the plant's capacity.
- Wastewater Plant treated 428 million gallons of sewage and averaged 13.8 million gallons per day. That represents approximately 55 percent of the plant's capacity.
- The call center handled 10,258 calls and averaged 330 per day. Each call lasted an average of 3 minutes and 44 seconds.
- Service Department completed 283 work orders and responded to 283 after hour calls.
- Gas Division installed 30 new services totaling 2,892 feet of pipe, 2 mains totaling 258 feet of pipe, and responded to 58 natural gas odor calls.
- Water Division repaired 98 water leaks totaling 2,914 feet of pipe and flushed 269 hydrants.
- Sewer Division made 15 point repairs totaling 444 feet of pipe, cleaned 14,182 feet of pipe, and reported 6 sewer overflows.
- Engineering Department approved 14 utility plans this month and currently has 35 on-going projects.
- Billing Department read 105,807 meters with an accuracy rate of 99.90 percent and sent a total of 94,027 bills and notices.

DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
1/1/2021	16.6	1/1/2021	59.29
1/2/2021	17.3	1/2/2021	61.79
1/3/2021	17.6	1/3/2021	62.86
1/4/2021	17.8	1/4/2021	63.57
1/5/2021	19.5	1/5/2021	69.64
1/6/2021	16.8	1/6/2021	60.00
1/7/2021	15.9	1/7/2021	56.79
1/8/2021	16.9	1/8/2021	60.36
1/9/2021	17.5	1/9/2021	62.50
1/10/2021	17.3	1/10/2021	61.79
1/11/2021	18.3	1/11/2021	65.36
1/12/2021	17.5	1/12/2021	62.50
1/13/2021	17.7	1/13/2021	63.21
1/14/2021	17.3	1/14/2021	61.79
1/15/2021	17.0	1/15/2021	60.71
1/16/2021	17.3	1/16/2021	61.79
1/17/2021	17.8	1/17/2021	63.57
1/18/2021	17.1	1/18/2021	61.07
1/19/2021	18.2	1/19/2021	65.00
1/20/2021	16.2	1/20/2021	57.86
1/21/2021	17.3	1/21/2021	61.79
1/22/2021	17.9	1/22/2021	63.93
1/23/2021	16.7	1/23/2021	59.64
1/24/2021	17.5	1/24/2021	62.50
1/25/2021	17.5	1/25/2021	62.50
1/26/2021	16.8	1/26/2021	60.00
1/27/2021	17.9	1/27/2021	63.93
1/28/2021	15.0	1/28/2021	53.57
1/29/2021	18.6	1/29/2021	66.43
1/30/2021	17.0	1/30/2021	60.71
1/31/2021	16.7	1/31/2021	59.64
Monthly total	536.5		61.81

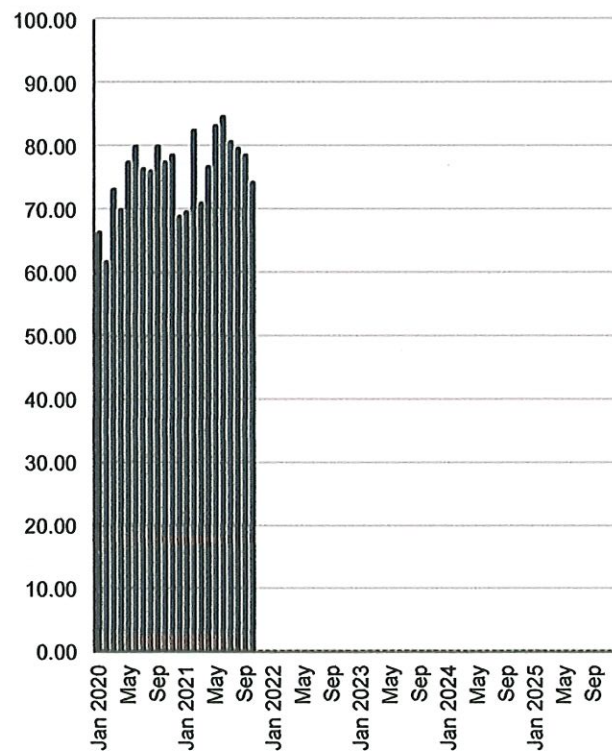


Date	Amt	Date	% of Capacity
Jan 2020	18.6	Jan 2020	66.43
Feb	17.3	Feb	61.79
Mar	20.5	Mar	73.21
Apr	19.6	Apr	70.00
May	21.7	May	77.50
Jun	22.4	Jun	80.00
Jul	21.4	Jul	76.43
Aug	21.3	Aug	76.07
Sep	22.4	Sep	80.00
Oct	21.7	Oct	77.50
Nov	22.0	Nov	78.57
Dec	19.3	Dec	68.93
Jan 2021	19.5	Jan 2021	69.64
Feb	23.1	Feb	82.50
Mar	19.9	Mar	71.07
Apr	21.5	Apr	76.79
May	23.3	May	83.21
Jun	23.7	Jun	84.64
Jul	22.6	Jul	80.71
Aug	22.3	Aug	79.64
Sep	22.0	Sep	78.57
Oct	20.8	Oct	74.29
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

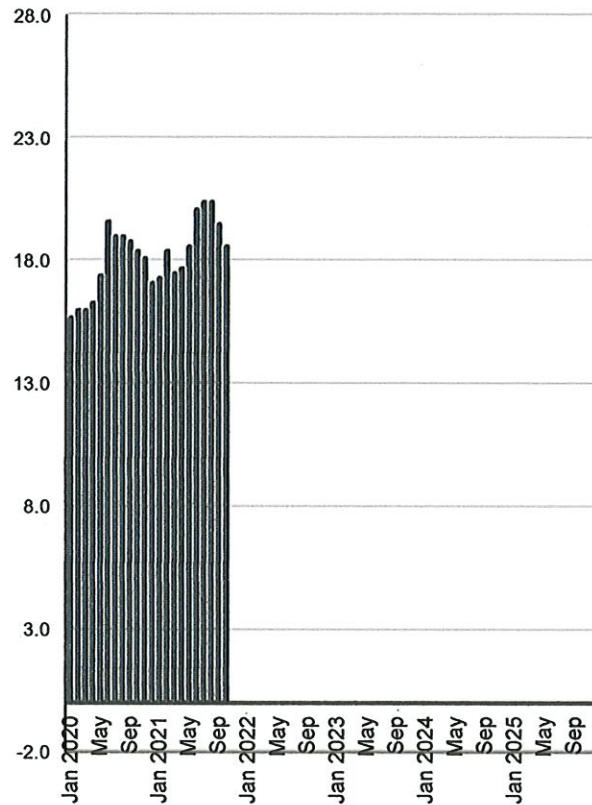


% of Capacity Based on 28 MGD

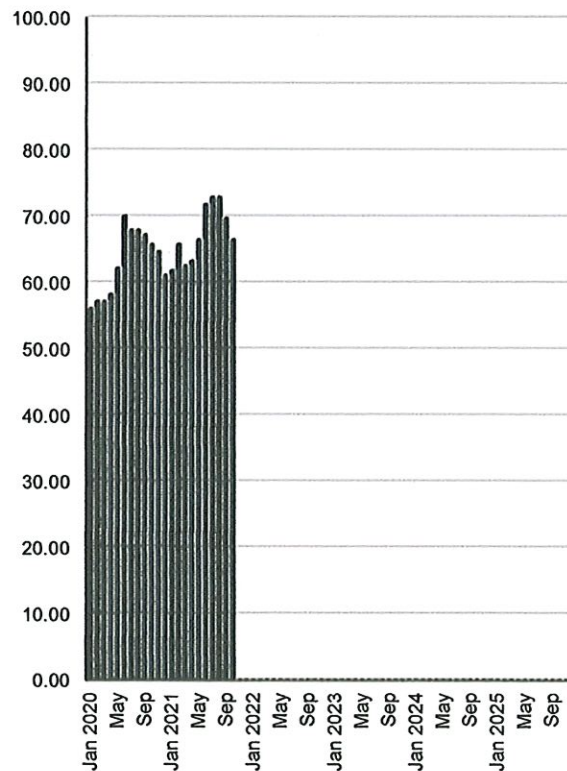


Date	Amt	Date	% of Capacity
Jan 2020	15.7	Jan 2020	56.07
Feb	16.0	Feb	57.14
Mar	16.0	Mar	57.14
Apr	16.3	Apr	58.21
May	17.4	May	62.14
Jun	19.6	Jun	70.00
Jul	19.0	Jul	67.86
Aug	19.0	Aug	67.86
Sep	18.8	Sep	67.14
Oct	18.4	Oct	65.71
Nov	18.1	Nov	64.64
Dec	17.1	Dec	61.07
Jan 2021	17.3	Jan 2021	61.79
Feb	18.4	Feb	65.71
Mar	17.5	Mar	62.50
Apr	17.7	Apr	63.21
May	18.6	May	66.43
Jun	20.1	Jun	71.79
Jul	20.4	Jul	72.86
Aug	20.4	Aug	72.86
Sep	19.5	Sep	69.64
Oct	18.6	Oct	66.43
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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan.Total	439351	442038	486007	472836	460298	471709	542638	506802	487760	537922
Aver.	14173	14259	15678	15253	14848	15216	17504	16348	15734	17352
Max	16208	17032	18977	18841	17349	19091	19678	19667	18650	19509
Min	12075	12695	11548	13616	12928	14348	14683	13896	12889	15070
Feb.Total	406621	400164	424980	431331	420563	418523	450030	467133	464620	517207
Aver.	14021	14292	15178	15405	14502	14947	16073	16683	16021	18472
Max	16385	17101	17883	17659	15791	16453	19679	19919	17301	23147
Min	12006	10627	12956	13342	13145	13507	14057	13710	14832	14933
Mar.Total	458407	443135	454724	459349	442712	462775	488427	499251	498790	543470
Aver.	14787	14295	14669	14818	14281	14928	15756	16105	16090	17531
Max	20748	16323	16316	16565	15992	17089	17592	17367	20582	19958
Min	10971	12758	12448	13381	12822	13894	14516	14929	13982	15338
Apr. Total	472623	428845	442935	433816	447902	479548	471571	495905	491542	531895
Aver.	15754	14295	14765	14461	14930	15985	15719	16530	16385	17730
Max	19906	16049	17251	15936	16785	19424	17634	19477	19679	21550
Min	13825	12472	13031	12702	12521	14464	13683	14140	13942	14991
May Total	518962	469221	494881	502787	484014	508673	535251	550304	541075	577661
Aver.	16741	15136	15964	16219	15613	16409	17266	17752	17454	18634
Max	20470	17712	19461	18671	19413	19500	20201	21385	21754	23319
Min	12189	12710	13064	14687	13917	13724	14348	14204	15033	15661
Jun. Total	568593	484809	500530	505360	536245	525289	554301	539759	588876	604053
Aver.	18953	16160	16684	16846	17875	17510	18477	17992	19629	20135
Max	24850	18416	20717	19306	20660	24870	21444	21454	22442	23784
Min	13858	13442	14133	14050	15630	14988	15308	14700	16334	16624
Jul. Total	543355	503624	572496	544235	519632	571991	583935	569783	590407	633850
Aver.	17528	16246	18468	17556	16762	19451	18837	18380	19045	20447
Max	21568	19079	21348	21555	19407	21680	22472	21198	21487	22672
Min	14232	12996	14926	14673	14985	15287	13853	16212	15643	17478
Aug.Total	530106	501432	559563	547126	529644	566204	595380	584399	589997	633761
Aver.	17100	16175	18050	17649	17085	18265	19206	18852	19032	20444
Max	19035	20145	21121	20033	19451	22100	22024	21852	21359	22323
Min	15105	14013	13566	14503	14785	15658	15318	15235	16443	16939
Sep.Total	465948	494484	527302	508650	532147	530559	569190	605709	565475	585256.4
Aver.	15532	16483	17577	16955	17738	17685	18973	20190	18849	19508
Max	17889	17993	21379	19573	21501	19637	22112	23540	22452	22039
Min	12729	14365	14851	14245	16104	15576	16342	17485	16121	17898
Oct. Total	453395	482230	484925	471463	547410	533123	561681	560395	573348	576635
Aver.	14626	15556	15643	15208	17658	17198	18119	18077	18495	18601
Max	16734	18514	18115	16803	20503	19507	20803	21149	21771	20894
Min	12269	12424	13993	13337	15408	14485	15333	14001	16235	16225
Nov.Total	442808	442786	443208	427852	501075	490630	496859	506448	544277	
Aver.	14760	14760	14774	14262	16703	16354	16562	16882	18143	
Max	17735	16254	16718	15879	19499	18381	19630	19775	22005	
Min	12435	13360	13207	12336	13700	13825	14615	14275	16175	
Dec.Total	431342	463552	453064	442384	475697	497194	504637	492948	533119	
Aver.	13914	14953	14615	14270	15345	16039	16279	15902	17197	
Max	17507	20904	16055	16082	17226	17728	19829	17795	19317	
Min	10650	12206	13421	12787	13516	13355	13897	13962	15018	
Yr. Total	5731511	5556320	5844615	5747189	5897339	6056218	6353900	6378836	6469286	5741710
Yr. Aver.	15659	15222	16013	15746	16113	16592	17408	17476	17724	
Peak Day	24850	20904	21379	21555	21501	24870	22472	23540	22452	

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>	
October	2021	29,503	76,304	105,807	99.90%
September	2021	29,472	76,086	105,558	99.89%
August	2021	29,451	75,978	105,429	99.92%
July	2021	29,417	75,618	105,035	99.92%
June	2021	29,397	75,420	104,817	99.92%
May	2021	29,380	75,065	104,445	99.91%
April	2021	29,359	74,777	104,136	99.87%
March	2021	29,337	74,461	103,798	99.87%
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%
12 Month Total		381,339	973,178	1,354,517	99.89%

SERVICE DEPARTMENT

		<u>Service Orders</u>	<u>After Hours Calls</u>
October	2021	283	283
September	2021	5066	238
August	2021	5513	271
July	2021	5893	250
June	2021	5942	221
May	2021	4423	184
April	2021	5106	209
March	2021	5699	259
February	2021	3170	329
January	2021	4500	238
December	2020	5107	243
November	2020	4465	291
October	2020	6209	296
12 Month Total		61,376	3,312