



GAS & WATER COMMITTEE AGENDA

DATE: June 23, 2022

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: March 22, 2022, April 21, 2022

IV. DEPARTMENT REPORTS:

1. Bid – Summary – Camille Thomas
2. Professional Services – Camille Thomas
3. Sale of Surplus Property on Govdeals.com – Camille Thomas
4. Bad Debt – Dawn Thomack
5. Financials – Dawn Thomack
6. Department Reports – Mark Riggins

V. COMMITTEE ACTION REQUIRED

1. Approval of easements located on Richaven Road, Cmap 81 parcel 61.02, Rufus Johnson property in the amount of \$17,430 for the Sango water improvements project. – Mark Riggins
2. Approval of easements located on Hwy 76, Cmap 81 parcels 54.01 & 54.02, TDK property in the amount of \$16,170 for the Sango water improvements project. – Mark Riggins
3. Revisions to the Gas, Water And Sewer Department General Policy, Criteria and Guidelines For Obtaining Utility Easements

VI. CITY COUNCIL ACTION REQUIRED

VII. ADJOURNMENT

VIII. PUBLIC COMMENTS (5 minutes each)



GAS & WATER COMMITTEE March 22, 2022

MINUTES

CALL TO ORDER

A meeting of the City of Clarksville Gas & Water Committee was called to order by Chairman Wallace Redd, on Thursday, March 22, 2022, at 4:44 p.m.

ATTENDANCE

The following were in attendance:

Councilperson Wallace Redd, Councilperson Trish Butler, Councilperson Amber Marquis, Councilperson Wanda Smith, Mark Riggins, Dawn Thomack, Camille Thomas, and Mandy Phillips.

ADOPTIONS OF MINUTES

Councilperson Trish Butler made a motion to approve the minutes of the November 18, 2021 committee meeting, Councilperson Wanda Smith 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:

- Survey and Design Services for the US Highway 41-A Natural Gas Main Replacement from Suiter Surveying & Land Planning, Inc. in the amount of \$70,000.00.
- Engineering Services for the Clarksville Gas Master Plan from Clark Engineering & Utility Solutions, LLC in the amount of \$171,000.00.
- Survey and Design Services for the Peachers Mill Road Natural Gas Main Extension from Suiter Surveying & Land Planning, Inc. in the amount of \$53,625.00.
- Miscellaneous Engineering & Surveying Services from Suiter Surveying & Land Planning, Inc. in the amount of \$100,000.00.

- Flow Monitoring Services from ADS Environmental Services in the amount of \$75,000.00.
- Competent Tower Climber Training from Honeywell in the amount of \$9,336.00.
- Planning & Development of the Advanced Metering Infrastructure from Utility Metering Solutions in the amount of \$4,550,000.00.
- Design Services for the High Point Tank Recoating from Rye Engineering, PLC in the amount of \$99,500.00.
- Fee Increase for the WWTP Thermal Dryer project from Hazen and Sawyer, P.C. in the amount of \$1,156,160.00 for a total cost of \$2,320,266.00.

Sale of surplus property on GovDeals.com for the months of November, December and January in the amount of \$2,105.00 was reported by Camille Thomas.

Bad Debt was reported by Dawn Thomack by explaining the write-off report for the month of February 2022.

Dawn Thomack also reported the Financials for the month of February 2022.

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

CGW Status update will be moved to next month's agenda as requested.

COMMITTEE ACTION REQUIRED

Approval of easement located at 2900 Dunlop Lane, Cmap 39 parcel 2.00, David B. Smith property in the amount of \$8,190.00 for the Dunlop Lane Gas Project. Councilperson Wanda Smith made a motion for approval, Councilperson Trish Butler seconded it, and the same passed unanimously.

Approval of easement located at 1621 Dunlop Lane, Cmap 040 parcel 11.00, Ben Stanley property in the amount of \$9,899 for the Dunlop Lane Gas Project. Councilperson Wanda Smith made a motion for approval, Councilperson Trish Butler seconded it, and the same passed unanimously.

CITY COUNCIL ACTION REQUIRED

ORDINANCE 93-2021-22 Authorizing the sale of property located at 2015 Fort Campbell Boulevard at public auction. Councilperson Trish Butler made a motion for approval, Councilperson Wanda Smith seconded it, and the same passed unanimously to full council.

ADJOURNMENT

The meeting was adjourned at 6:05 p.m.



GAS & WATER COMMITTEE

April 21, 2022

MINUTES

CALL TO ORDER

A meeting of the City of Clarksville Gas & Water Committee was called to order by Councilperson Trish Butler, on Thursday, April 21, 2022, at 4:37 p.m. by announcing the lack of a quorum.

ATTENDANCE

The following were in attendance:

Councilperson Trish Butler, Councilperson Amber Marquis, Mark Riggins, Dawn Thomack, Camille Thomas, Jennifer Osteen, and Mandy Phillips.

ADOPTIONS OF MINUTES

Due to the lack of a quorum, the March 22, 2022 committee meeting minutes will be forwarded to the next committee meeting for approval.

DEPARTMENT REPORTS

Camille Thomas reported the Bid-Summary for the month.

Bad Debt was reported by Dawn Thomack by explaining the write-off report for the month of March 2022.

Dawn Thomack also reported the Financials for the month of March 2022.

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

CGW Status update will be moved to the next committee meeting agenda as requested.

COMMITTEE ACTION REQUIRED

Approval of easement located on Richaven Road, Cmap 81 parcel 61.02, Rufus Johnson property in the amount of \$17,430 for the Sango water improvements project. Due to the lack of a quorum, the request for approval will be added to the next committee meeting agenda.

Approval of easement located on Hwy 76, Cmap 81 parcel 54.02, TDK property in the amount of \$16,170 for the Sango water improvements project. Due to the lack of a quorum, the request for approval will be added to the next committee meeting agenda.

CITY COUNCIL ACTION REQUIRED

ADJOURNMENT

The meeting was adjourned at 5:25 p.m.

**GAS & WATER DEPARTMENT
BID SUMMARY
APRIL 21, 2022**

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>
4271	Sodium Hypochlorite	Olin Corporation	\$1.65/gallon
4284	Diaphragm Meters	Equipment Controls Company	\$164,812.45

SOLE SOURCE PURCHASES:

1. Future purchases of meter registers from Metron-Farnier, LLC.
2. Future purchases of Sonic Nozzle –II Prover meter testers to include parts and service from Measurement System, Inc.
3. Future purchases of sewer manhole casting adjustments associated with TDOT/City roadway projects from CK Masonry Company, Inc.

Bid 4271-Sodium Hypochlorite

Olin Corporation	\$1.65/gallon*
Hawkins Inc.	\$1.75/gallon
Univar USA	\$1.88/gallon
Brenntag Mid-South	\$1.961/gallon
Core Chem	No Bid
Harcros Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
US Peroxide	No Response
Siemens Industry	No Response
Chem Trade	No Response
Allied Universal Corporation	No Response
Shannon Chemical Corporation	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries Inc.	No Response
Gulbrandsen Technologies	No Response
Maurbeni Specialty Chemicals	No Response
Premier Magnesia	No Response
Aulick Chemical Solutions	No Response
Solenis LLC	No Response
GEO Specialty Chemicals	No Response

USALCO	No Response
Carus Chemical Company	No Response
Chemrite	No Response

Bid 4284-Diaphragm Meters

Equipment Controls Company	\$164,812.45*
Tri-State Meter and Regulator	No Response
Combustion and Controls	No Response
DM Services LLC	No Response
W.T. Maye Inc.	No Response
Sensus USA	No Response
John Stone Supply	No Response

*Department Recommendation

GAS & WATER DEPARTMENT
BID SUMMARY
May 19, 2022

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>
4288	50% Liquid Citric Acid	Brenntag Mid-South	\$ 12.56 per gal.

SOLE SOURCE PURCHASES:

1. Future purchases of BelGAS products from Tri-State Meter.
2. Future purchases of Caterpillar products and service from Thompson Machinery.
3. Future purchases of Cummins Power generators and service form Cummins Inc.
4. Future purchases of GridBee GS-12 water mixing equipment form Ixom Watercare Inc.

EMERGENCY PURCHASE:

1. Purchase of 150 copper yokes from Consolidated Pipe and Supply in the amount of \$ 30,610.00.
2. Purchase of 200 curb stops from Kenny Pipe and Supply in the amount of \$ 12,070.00.
3. Repair of HDPE/DI transition fitting form Xylem in the amount of \$ 7,606.39

Bid #4288 –50% Liquid Citric Acid

Brenntag Mid-South	\$ 12.56 per gal.
Corechem Inc.	\$ 17.36 per gal.
Chemrite	\$ 21.19 per gal.
Shannon Chemical Group	\$ 34.47 per gal.
Univar USA	No Bid
Gulbrandsen Technologies	No Response
Siemens Water Technologies	No Response
Harcross Chemical	No Response
Industrial Chemicals	No Response
Allied Universal Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Premier Magnesia	No Response
Aulick Chemical Solution	No Response
Solenis	No Response

Hawkins	No Response
USALCO	No Response
Source Technologies	No Response
US Peroxide	No Response
Chemtrade	No Response
GEO Specialty Chemicals	No Response
Canis Chemicals Co.	No Response

*Department Recommendation

GAS & WATER DEPARTMENT
BID SUMMARY
June 23, 2022

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>
4283-P	Ride on Floor Sweeper Scrubber	Hillyard	\$ 61,299.00
4288	50% Liquid Citric Acid	Brenntag Mid-South	\$ 12.56 per gal.
4291	Polyaluminum Hydroxychloride	USALCO	\$ 4.3806 per gal.
4297	Copper Water Meter Yokes W/Check Valve	G&C Supply	\$ 1,057,774.96
4300	Dumpster Liners	Extra Packaging	\$ 38.00 ea.
4301	Removal & Disposal of Refuse & Waste	Kennedy Roll Off Service	\$ 59.50 per ton
4302	Full Truckload 30% Liquid Calcium Thiosulfate for WWTP	Hawkins	\$ 4.963 per gal.
4304	30% Liquid Calcium Thiosulfate for WTP	Hawkins	\$ 6.10 per gal.
4306	25% Liquid Sodium Hydroxide	Hawkins	\$ 2.345 per gal.
4307	23% Liquid Hydrofluosilicic Acid	Univar	\$ 2.45 per gal.
4308	Cast Iron Valve Box Ext. Rings	Southern Pipe & Supply	\$ 73,201.50
4309	Misc. Poly Gas Fitting & Trenton Wax Tape	General Utilities Pipe & Supply	\$ 83,570.00
4310	Hymax Coupling & Infact Flex Fittings	Core & Main	\$ 148,464.50
4311	Lockwing Gas Stops	G&C Supply	\$ 46,304.20
4312	Fire Service Meters	Southern Pipe & Supply	\$ 61,433.08
4313	Water Meters	Southern Pipe & Supply	\$ 645,717.45
4314	Manhole Frames & Cover & Paving Ext. Rings	Southern Pipe & Supply	\$ 220,580.00
4315	Post Type Dry Barrel Hydrants	Southern Pipe & Supply	\$ 49,479.00
4316	MB-9 Rhino Meter/Valve Box w/ CI/DI Sewer Lids	Southern Pipe & Supply	\$ 162,365.00
4317	Smith Blair Style 22 Full Circle Water Repair Clamps	G&C Supply	\$ 46,835.75
4318	Water Meter Boxes & Replacement Lids	Fortiline Waterworks	\$ 449,485.00
4319	Sensus 496 Service Regulators	Equipment Controls Co.	\$ 78,124.80
4320	Municiplex Service Pipe	Fortiline Waterworks	\$ 47,817.50
4322	Liquid Calcium Nitrate	Evoqua	\$ 2.931 per gal.

SOLE SOURCE PURCHASES:

1. Future purchases of BelGAS products from Tri-State Meter.
2. Future purchases of Caterpillar products and service from Thompson Machinery.
3. Future purchases of Cummins Power generators and service form Cummins Inc.

4. Future purchases of GridBee GS-12 water mixing equipment form Ixom Watercare Inc.
5. Future purchases of afterhours answering service from Mid-State Communications.
6. Future purchases of Ross valve rebuild kits from Ross Valve.
7. Future purchases of laboratory services for Water and Waste Water Treatment Plants from Microbac Laboratories & Pace Analytical National.
8. Future purchases of submersible waste pumps from Nedrow & Associates.
9. Future purchases of services and repair of existing sewer flow monitoring equipment and rain gauges form ADS Environmental Services.
10. Future purchases of E-One Pumps products and repair from Wascon.
11. Future purchases of Smith & Loveless pumps, parts and services from Van Brocklin & Associates.
12. Future purchases of THM Analyzer, parts and service form Parker Hannifin Corporation.
13. Future purchases of Colilert Reagent, IDEXX vessels HPC test kits from IDEXX Laboratories.

EMERGENCY PURCHASE:

1. Purchase of 150 copper yokes from Consolidated Pipe and Supply in the amount of \$ 30,610.00.
2. Purchase of 200 curb stops from Kenny Pipe and Supply in the amount of \$ 12,070.00.
3. Repair of HDPE/DI transition fitting form Xylem in the amount of \$ 7,606.39
4. Rental of air conditioner units form United Rentals in the amount of \$18,129.45.

Bid #4283-RB – Ride on Floor Sweeper Scrubber

Hillyard	\$ 61,299.00*
CMI Equipment	\$ 68,133.45
Sweep Scrub.Com	No Response
Runyon Surface Prep.	No Response
Southern Sweeper & Scrubbers	No Response

Bid #4288 –50% Liquid Citric Acid

Brenntag Mid-South	\$ 12.56 per gal.
Corechem Inc.	\$ 17.36 per gal.
Chemrite	\$ 21.19 per gal.

Shannon Chemical Group	\$ 34.47 per gal.
Univar USA	No Bid
Gulbrandsen Technologies	No Response
Siemens Water Technologies	No Response
Harcross Chemical	No Response
Industrial Chemicals	No Response
Allied Universal Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Premier Magnesia	No Response
Aulick Chemical Solution	No Response
Solenis	No Response
Hawkins	No Response
USALCO	No Response
Source Technologies	No Response
US Peroxide	No Response
Chemtrade	No Response
GEO Specialty Chemicals	No Response
Canis Chemicals Co.	No Response

Bid #4291 – Polyaluminum Hydrochloride

USALCO	\$ 4.3806 per gal.*
Chem Trade	\$ 5.3835 per gal.
Univar	No Bid
Industrial Chemical	No Bid
Harcros Chemical	No Response
Brenntag Mid-South	No Response
Kemira Water Solution	No Response
Hawkins Inc.	No Response
Shannon Chemical Group	No Response.
Univar USA	No Response
Gulbrandsen Technologies	No Response
Siemens Water Technologies	No Response
Harcross Chemical	No Response
Allied Universal Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Premier Magnesia	No Response
Aulick Chemical Solution	No Response
Solenis	No Response
Source Technologies	No Response
US Peroxide	No Response
G2O Technologies	No Response

Bid #4297 Copper Water Meter Yokes W/ Check Valve

G&C Supply	\$ 1,057,774.96*
Core & Main	\$ 1,067,699.30
Southern Pipe & Supply	\$ 1,086,687.41
Hayes Pipe & Supply	\$ 1,106,495.60
Fortiline Waterworks	\$ 1,235,345.36
Consolidated Pipe & Supply	\$ 1,598,311.00
Citco Water	No Response
Ferguson	No Response
General Utilities Pipe & Supply	No Response
Kenny Pipe & Supply	No Response
Volunteer Utility	No Response

Bid #4300 – Dumpster Liners

Extra Packaging	\$ 38.00 ea.*
Sound Waste Containment	No Response
International Plastics	No Response
Jendco Safety Supply	No Response
Calico Packaging	No Response

Bid #4301 – Removal & Disposal of Refuse & Waste

Kennedy Roll Off Service	\$ 59.50 per ton*	Local
GFL Environmental	No Response	Local
Waste Connections	No Response	Local
Stinky Pinky	No Response	Local
Bi-County Solid Waste Mgt.	No Response	Local
Arrow Disposal Services	No Response	
Capital Waste Services	No Response	
Bar Environmental	No Response	

Bid #4302 – Full Truckload 30% Liquid Calcium Thiosulfate for WWTP

Hawkins	\$ 4.963 per gal.*
Harcros Chemicals	No Response
Brenntag Mid-South	No Response
Siemens	No Response
Aulick Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
Donav Carbon Corp.	No Response
USP Technologies	No Response
Chem Trade	No Response
MNW Specailty Chemicals	No Response
Allied Universal Corp.	No Response
Shannon Chemical Corp.	No Response
Mosaic Crop Nutrition	No Response

Chemco Industries	No Response
Gulbrandsen Technologies	No Response
Premier Magnesia	No Response
Solenis	No Response
Carus Chemical Co.	No Response
Chemrite	No Response
USALCO	No Response

Bid #4304 –30% Liquid Calcium Thiosulfate for WTP

Hawkins	\$ 6.10 per gal.*
Harcros Chemicals	No Response
Brenntag Mid-South	No Response
Siemens	No Response
Aulick Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
Donav Carbon Corp.	No Response
USP Technologies	No Response
Chem Trade	No Response
MNW Specailty Chemicals	No Response
Allied Universal Corp.	No Response
Shannon Chemical Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Gulbrandsen Technologies	No Response
Premier Magnesia	No Response
Solenis	No Response
Carus Chemical Co.	No Response
Chemrite	No Response
USALCO	No Response

Bid #4306 – 25% Liquid Sodium Hydroxide

Hawkins	\$ 2.345 per gal.*
Core Chem	\$ 2.38 per gal
Brenntag Mid-South	\$ 2.79 per gal
Univar	\$ 2.4506 per gal
Harcros Chemicals	No Response
Siemens	No Response
Aulick Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
Donav Carbon Corp.	No Response
USP Technologies	No Response
Chem Trade	No Response
MNW Specailty Chemicals	No Response

Allied Universal Corp.	No Response
Shannon Chemical Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Gulbrandsen Technologies	No Response
Premier Magnesia	No Response
Solenis	No Response
Carus Chemical Co.	No Response
Chemrite	No Response
USALCO	No Response
GEO Specialty	No Response

Bid #4307 – 23% Liquid Hydroflusilicic Acid

Univar	\$ 2.45 per gal.
Brenntag Mid-South	\$ 2.727 per gal.
Core Chem	\$ 3.245 per gal.
Hawkins	No Response
Harcros Chemicals	No Response
Siemens	No Response
Aulick Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
Donav Carbon Corp.	No Response
USP Technologies	No Response
Chem Trade	No Response
MNW Specailty Chemicals	No Response
Allied Universal Corp.	No Response
Shannon Chemical Corp.	No Response
Mosaic Crop Nutrition	No Response
Chemco Industries	No Response
Gulbrandsen Technologies	No Response
Premier Magnesia	No Response
Solenis	No Response
Carus Chemical Co.	No Response
Chemrite	No Response
USALCO	No Response
GEO Specialty Chemical	No Response

Bid #4308 – Cast Iron Valve Box Ext. Rings

Southern Pipe & Supply	\$ 73,201.50*
Consolidated Pipe & Supply	\$ 69,285.00 **
G&C Supply	\$ 75,016.00
Core & Main	\$ 82,302.50
Kenny Pipe & Supply	No Response
Citco Water	No Response
Hayes Pipe & Supply	No Response

General Utilities Pipe & Supply	No Response
Ferguson Enterprises	No Response
Fortiline Waterworks	No Response

** Did not bid all items.

Bid #4309 – Misc. Poly Gas Fitting & Trenton Wax Tape

General Utilities Pipe & Supply	\$ 83,570.00*
Kerotest Manufacturing Corp.	\$ 8,732.00**
CSG/Chris George	\$ 18,340.40 **
Consolidated Pipe & Supply	\$ 63,441.50**
G&C Supply	No Response
McJunkin Red Man	No Response
Tri-State Meter & Regulator	No Response

** Did not bid all items.

Bid #4310 – Hymax Coupling & Infact Flex Fittings

Core & Main	\$ 148,464.50*	
Southern Pipe & Supply	\$ 150,039.87	
G&C Supply	\$ 154,263.15	
Fortiline Waterworks	\$ 164,191.22	
Consolidated Pipe	\$ 233,162.00	
Kenny Pipe & Supply	No Response	Local
Citco Water	No Response	
Hayes Pipe & Supply	No Response	
General Utilities Pipe & Supply	No Response	
Ferguson	No Response	

Bid #4311 – Lockwing Gas Stops

G&C Supply	\$ 46,304.20*
Consolidated Pipe & Supply	\$ 46,817.10
General Utilities Pipe & Supply	No Response
CSG/Chris George	No Response
Kerotest Manufacturing Corp.	No Response
McJunkin Red Man	No Response
MJ Deason Co.	No Response

Bid #4312 – Fire Service Meters

Southern Pipe & Supply	\$ 61,433.08*
Core & Main	No Bid
Neptune Technology Group	No Response
Citco Water	No Response
Sensus Metering	No Response

Bid #4313 – Water Meters

Southern Pipe & Supply	\$ 645,717.45*
Citco Water	\$ 610,510.00**
Citco Water	No Bid
Neptune Technology Group	No Response
Sensus Metering	No Response

** Did not bid all items.

Bid #4314 – Manhole Frames & Covers & Paving Ext. Rings

Southern Pipe & Supply	\$ 220,580.00*
Core & Main	\$ 222,210.00
Fortiline Waterworks	\$ 230,993.40
G&C Supply	\$ 237,974.20
Consolidated Pipe & Supply	No Response
Hayes Pipe & Supply	No Response

Bid #4315 – Post Type Dry Barrel Hydrants

Southern Pipe & Supply	\$ 49,479.00*	
Core & Main	\$ 49,949.50	
G&C Supply	\$ 50,000.00	
Fortiline Waterworks	\$ 112,717.50	
Citco Water	No Response	
Consolidate Pipe & Supply	No Response	
Ferguson Waterworks	No Response	
General Utilities Pipe & Supply	No Response	
HD Supply	No Response	
Hayes Pipe & Supply	No Response	
Kenny Pipe & Supply	No Response	Local
Macomb Pipe & Supply	No Response	Local
Volunteer Utility Sales	No Response	

Bid #4316 – MB-9 Rhino Meter/Valve Box w/ CI/DI Sewer Lids

Southern Pipe & Supply	\$ 165,045.00*	
Consolidated Pipe & Supply	\$ 165,350.00	
Fortiline Waterworks	\$ 167,643.00	
G&C Supply	\$ 170,900.00	
Citco Water	No Response	
Ferguson Waterworks	No Response	
General Utilities Pipe & Supply	No Response	
Core & Main	No Response	
Hayes Pipe & Supply	No Response	
Kenny Pipe & Supply	No Response	Local
Volunteer Utility Sales	No Response	

Bid #4317 – Smith Blair Style 22 Full Circle Water Repair Clamps

G&C Supply	\$ 46,835.75*	
Consolidated Pipe & Supply	\$ 47,405.00	
Core & Main	\$ 50,085.25	
Kenney Pipe & Supply	No Response	Local
General Utilities Pipe & Supply	No Response	
Ferguson Waterworks	No Response	
Fortiline Waterworks	No Response	

Bid #4318 – Water Meter Boxes & Replacements Lids

Fortiline Water Works	\$ 449,485.00*	
Southern Pipe & Supply	\$ 416,902.75**	
G&C Supply	\$ 425,400.00**	
Consolidated Pipe & Supply	\$ 504,500.00	
Kenny Pipe & Supply	No Response	Local
Citco Water	No Response	
Core & Main	No Response	
Ferguson Waterworks	No Response	
Volunteer Utility Sales	No Response	
Construction Site Services	No Response	
Hayes Pipe & Supply	No Response	

**Did not bid all items.

Bid #4319 – Sensus 496 Service Regulators

Equipment Controls Co.	\$ 78,124.80*
Tri-State Meter & Regulators	No Response
Combustion & Controls Co.	No Response

Bid #4320 – Municiplex Service Pipe

Fortiline Waterworks	\$ 47,817.50*	
Southern Pipe & Supply	\$ 37,753.38**	
G&C Supply	\$ 44,168.99**	
Consolidated Pipe & Supply	\$ 50,061.15	
Core & Main	\$ 55,946.98	
Citco Water	No Response	
Ferguson Waterworks	No Response	
General Utilities Pipe & Supply	No Response	
Hayes Pipe & Supply	No Response	
Kenny Pipe & Supply	No Response	Local
MaComb Pipe & Supply	No Response	Local
Volunteer Utility Sales	No Response	

**Did not meet specs.

Bid #4322 – Liquid Calcium Nitrate

Evoqua	\$ 2.931 per gal***
Aulick Chemical	\$ 2.720 per gal
Univar USA	No Bid
USP Technologies	No Response
Brenntag Mid-South	No Response
Siemens	No Response
Hawkins	No Response
Harcros Chemical	No Response
Source Technologies	No Response
Kemira Water Solutions	No Response
Industrial Chemicals	No Response
Chem Trade	No Response
Allied Universal Corp.	No Response
Shannon Chemical	No Response
Chemco Industries	No Response
Gulbrandsen Technologies	No Response
CoreChem	No Response
Premier Magnesia	No Response
Solenis	No Response
GEO Specialty Chemical	No Response
USALCO	No Response
Carus Chemical	No Response
Chemrite	No Response

** Higher Strength chemical makes it cheaper because you do not have to use a much at a time.

*Department Recommendation

REQUEST FOR PROFESSIONAL SERVICE

1. SELECTION OF FIRM

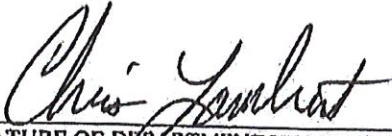
PROJECT NAME AND SCOPE OF WORK:	Trane Tank Recoating – The project comprises the design and preparation of construction plans and specifications for the repair, surface preparation and coating of the interior and exterior of Trane Tank. Rye will also provide limited bidding and construction phase services. Contract Term: Approximately 12 weeks for design plus an estimated five-month construction phase
NAME OF FIRM:	Rye Engineering, PLC
QUALIFICATIONS, COMPETENCE AND INTEGRITY OF FIRM:	Rye Engineering is a firm that offers civil engineering services and possesses knowledge about the City of Clarksville's water and sewer system. The firm has previously assisted with and is currently providing engineering services to the Clarksville Gas & Water Department. Rye Engineering is readily available to assist the City and has qualified staff including a licensed professional engineer, project managers and technicians. Rye Engineering's staff is experienced in all necessary aspects of water and waste water engineering, planning, operations, and inspections. Rye Engineering has a combined total of 45.5 years of service in the water/waste water industry. In addition, Rye Engineering has staff that can perform Remotely Operated Vehicle (R.O.V.), tank drain down, as well as perform painting inspection by a NACE-certified inspector.
YEARS OF EXPERIENCE:	15 Years (founded in 2007)
SIMILAR PROJECTS PERFORMED FOR THE CITY:	• High Point Tank Recoating (2022) • Jackson Road (Old) Tank Painting (2015) • 2009 Tank Painting, 1.5 MG Sango (New) Standpipe Water Storage Tank • Tank Painting 0.5 MG College Street Elevated Water Storage Tank (2008) • Tank Painting 2008 - Contract 1: High Point 1.5 MG Standpipe; Contract 2: Tiny Town 0.5 MG Elevated Tank
SIMILAR PROJECTS PERFORMED ELSEWHERE:	• Ardmore, TN: 6th Street / Cotton Row Tank Painting - 150,000 Gallon Elevated Water Tank (2016) • New Johnsonville, TN: Lawson Hill Tank Rehabilitation (2015) • Ardmore, TN: Clayton Tank Painting, 150,000 Gallon Elevated Water Tank (2011)
OTHER QUALIFICATIONS:	Rye Engineering has extensive experience relating to municipal infrastructure.
NAMES OF THOSE INVOLVED IN THE SELECTION (MUST BE 2 OR MORE AND MUST HAVE NO CONFLICT OF INTEREST AS PER PURCHASING POLICY):	Tom Heath, PE Chris Lambert
DEPARTMENT WHERE FUNDS ARE BUDGETED:	Clarksville Gas & Water Department

REQUEST FOR PROFESSIONAL SERVICE

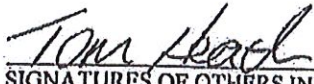
Trane Tank Recoating

Rye Engineering, PLC

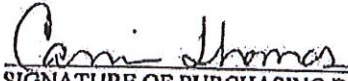
Page 2


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

3-31-22
DATE


SIGNATURES OF OTHERS INVOLVED IN SELECTION

3/31/22
DATE

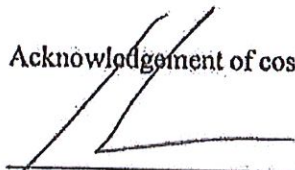

SIGNATURE OF PURCHASING DIRECTOR

4-8-22
DATE

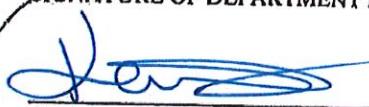
2. COST: ONCE ALL SIGNATURES ABOVE HAVE BEEN SECURED, YOU MAY NOW REQUEST PRICING FROM THE SELECTED FIRM. COST SHALL BE REPORTED TO THE PURCHASING DIRECTOR ONCE OBTAINED.

ESTIMATED COST (TO BE PROVIDED ONCE DETERMINED):	\$ 89,300.00
--	--------------

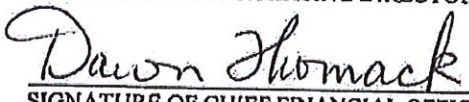
Acknowledgement of cost estimate received:


SIGNATURE OF DEPARTMENT HEAD/DESIGNEE

05-16-2022
DATE


SIGNATURE OF PURCHASING DIRECTOR

5-16-22
DATE


SIGNATURE OF CHIEF FINANCIAL OFFICER

5-16-22
DATE

Clarksville Gas and Water Department, TN
Date range: 01 Apr 2022 - 31 May 2022

<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>
353	MISC COMPUTER SUPPLES		Adnan Khan	USD	\$777.00	17 May 2022 08:00 AM CT	
354	MISC TIRES & RIMS		donald hagewood	USD	\$107.00	13 May 2022 08:00 AM CT	
					\$884.00		

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
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
Nov-21	\$ 9,978.18	89	\$ 112.11	\$ 2,794.47	\$ 7,992.73	45	\$ 177.62
Dec-21	\$ 18,096.71	107	\$ 169.13	\$ 1,593.56	\$ 6,079.02	42	\$ 144.74
Jan-22	\$ 10,568.66	73	\$ 144.78	\$ 3,396.41	\$ 4,447.87	35	\$ 127.08
Feb-22	\$ 12,174.36	70	\$ 173.92	\$ 6,399.98	\$ 3,636.40	36	\$ 101.01
Mar-22	\$ 28,577.18	70	\$ 408.25	\$ 7,223.18	\$ 11,478.21	56	\$ 204.97
Apr-22	\$ 11,218.80	89	\$ 126.05	\$ 3,414.96	\$ 10,121.72	40	\$ 253.04
May-22	\$ 14,545.34	94	\$ 154.74	\$ 4,221.49	\$ 4,028.83	41	\$ 98.26
	\$ 164,490.83	923	\$ 178.21	\$ 52,481.87	\$ 137,704.23	732	\$ 188.12

31.91%

CGW Water Department
May, 2022

	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	2,252,167	2,277,508	(25,342)	24,698,168	25,052,592	(354,423)
Penalties	30,193	33,750	(3,557)	376,975	371,250	5,725
Other Income	286,070	349,167	(63,097)	3,751,797	3,840,833	(89,036)
Gross Revenue	2,568,430	2,660,425	(91,995)	28,826,940	29,264,675	(437,735)
Water Plant 1	326,194	371,240	45,046	4,052,794	4,083,642	30,848
Water Plant 2	51,411	70,674	19,262	559,588	777,411	217,823
Water Transmission	620,081	727,260	107,179	6,465,515	7,999,857	1,534,342
Water Administration	44,228	30,645	(13,583)	422,702	337,095	(85,607)
Customer Service	337,168	328,382	(8,785)	3,880,288	3,612,204	(268,084)
Accounting	92,554	56,347	(36,207)	690,405	619,812	(70,593)
Engineering	96,719	115,599	18,880	1,071,460	1,271,588	200,128
Admin & General	76,716	81,280	4,564	925,900	894,083	(31,818)
Other Expenses	19,258	16,500	(2,758)	208,227	181,500	(26,727)
Depreciation	553,624	522,750	(30,874)	6,016,928	5,750,250	(266,678)
Total Operating Expenses	2,217,952	2,320,677	102,724	24,293,809	25,527,442	1,233,634
Income from Operations	350,478	339,748	10,729	4,533,132	3,737,233	795,899
Interest Income	578,549	4,667	573,883	(5,162,648)	51,333	(5,213,982)
Other Income (Expense)	20,628	(79,583)	100,211	(955,347)	(875,417)	(79,930)
Interest Expense	(779,360)	(506,931)	(272,429)	(7,779,468)	(5,576,240)	(2,203,228)
Debt Amortization Income	156,508	182,017	(25,509)	2,023,943	2,002,183	21,759
PILOT	(98,142)	(98,142)	-	(1,079,562)	(1,079,562)	-
Total Other Income (Expense)	(121,818)	(497,973)	376,155	(12,953,083)	(5,477,702)	(7,475,380)
Total Income / (Loss)	228,660	(158,225)	386,884	(8,419,951)	(1,740,470)	(6,679,481)
Capital Spend	5,564,404	10,192,000	4,627,596	28,539,825	77,889,000	49,349,175
Contributed Capital - Cash	-	-	-	15,730	0	15,730
Contributed Capital - Non-Cash	-	1,000,000	(1,000,000)	6,077,566	11,000,000	(4,922,434)

CGW Wastewater Department
May, 2022

	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	3,462,822	3,552,075	(89,253)	38,478,490	39,072,825	(594,335)
Penalties	48,569	41,667	6,902	543,443	458,333	85,110
Other Income	282,525	397,417	(114,891)	4,995,124	4,371,583	623,541
Gross Revenue	3,793,916	3,991,158	(197,242)	44,017,058	43,902,742	114,316
Wastewater Plant	358,049	440,466	82,417	4,730,988	4,845,125	114,137
Wastewater Collection	578,919	622,841	43,921	6,597,597	6,851,246	253,649
Wastewater Administration	55,528	51,446	(4,082)	613,007	565,904	(47,102)
Customer Service	183,457	188,173	4,715	2,223,185	2,069,899	(153,286)
Accounting	50,450	62,786	12,337	609,307	690,650	81,342
Engineering	91,354	122,024	30,670	1,091,477	1,342,269	250,792
Admin & General	70,938	81,351	10,414	882,243	894,863	12,620
Other Expenses	18,095	16,500	(1,595)	200,997	181,500	(19,497)
Depreciation	1,030,354	985,333	(45,021)	11,738,397	10,838,667	(899,730)
Total Operating Expenses	2,437,144	2,570,920	133,777	28,687,198	28,280,123	(407,075)
Income from Operations	1,356,773	1,420,238	(63,465)	15,329,860	15,622,619	(292,759)
Interest Income	19,042	7,917	11,125	76,591	87,083	(10,492)
Other Income (Expense)	(15,460)	667	(16,127)	(343,460)	7,333	(350,793)
Interest Expense	(466,478)	(488,197)	21,719	(5,077,120)	(5,370,171)	293,051
Debt Amortization Income	136,438	74,758	61,679	9,577,434	822,340	8,755,095
PILOT	(193,771)	(193,771)	-	(2,131,477)	(2,131,477)	-
Total Other Income (Expense)	(520,230)	(598,627)	78,397	2,101,969	(6,584,892)	8,686,860
Total Income / (Loss)	836,543	821,612	14,931	17,431,829	9,037,727	8,394,101
Capital Spend	1,083,076	942,000	(141,076)	11,706,175	16,293,000	4,586,825
Contributed Capital - Cash	-	-	-	1,878	-	1,878
Contributed Capital - Non-Cash	-	916,667	(916,667)	7,122,019	10,083,333	(2,961,315)

CGW Gas Department
May, 2022

	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	2,831,190	2,503,835	327,355	33,102,816	32,069,668	1,033,148
Penalties	18,811	8,333	10,478	194,496	91,667	102,830
Other Income	87,644	95,292	(7,648)	1,894,786	1,048,208	846,578
Gross Revenue	2,937,645	2,607,460	330,185	35,192,098	33,209,543	1,982,555
Cost of Gas	1,916,511	1,267,246	(649,265)	23,642,585	22,810,428	(832,157)
Gas Distribution	255,333	258,490	3,157	2,701,888	2,843,386	141,499
Gas Administration	156,990	190,616	33,626	1,903,510	2,096,776	193,266
Ft. Campbell Operations	24,005	40,992	16,987	397,161	450,908	53,747
Customer Service	92,395	111,937	19,541	1,265,830	1,231,303	(34,526)
Accounting	51,630	55,031	3,401	541,778	605,342	63,564
Engineering	54,466	59,147	4,682	531,057	650,620	119,563
Admin & General	71,036	81,228	10,192	880,503	893,503	13,000
Other Expenses	14,119	16,500	2,381	159,376	181,500	22,124
Depreciation	160,809	162,417	1,607	1,778,391	1,786,583	8,192
Total Operating Expenses	2,797,293	2,243,603	(553,691)	33,802,079	33,550,350	(251,729)
Income from Operations	140,352	363,857	(223,505)	1,390,019	(340,807)	1,730,826
Interest Income	15,785	5,942	9,843	55,412	65,358	(9,946)
Other Income (Expense)	(5,060)	500	(5,560)	11,807	5,500	6,307
Interest Expense	(13,074)	(14,011)	937	(141,226)	(154,118)	12,892
Debt Amortization Income	4,543	3,766	778	170,331	41,424	128,907
PILOT	(66,298)	(66,298)	-	(729,282)	(729,282)	-
Total Other Income (Expense)	(64,104)	(70,102)	5,997	(632,957)	(771,117)	138,161
Total Income / (Loss)	76,248	293,756	(217,508)	757,062	(1,111,925)	1,868,987
Capital Spend	92,226	488,000	395,774	1,546,479	7,122,000	5,575,521
Contributed Capital - Cash	21,951	6,250	15,701	166,880	68,750	98,130
Contributed Capital - Non-Cash	-	41,667	(41,667)	-	458,333	(458,333)

FY 2022 Debt Coverage

May, 2022

Fiscal Period	11
	<u>Actual</u>
System Gross Revenue	\$ 108,036,096
System Operating Expenses	86,783,086
	21,253,011
Add: Depreciation Expense	19,533,716
Other Revenue (Expense)	<u>(6,317,644)</u>
Net Revenues	\$ 34,469,082

Debt Coverage Ratio	2.32
Debt Coverage Ratio Goal	1.70
FY 2021 Coverage Ratio	2.12
FY 2020 Coverage Ratio	2.09

>2.00 = Aaa rating

1.70-2.00 = Aa rating

Debt to Operation Revenue Ratio

May, 2022

FY 2022 Budget

Total Debt	\$ 356,997,569
Operating Revenue	\$ 117,857,559
Debt/Operating Revenue	3.03

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

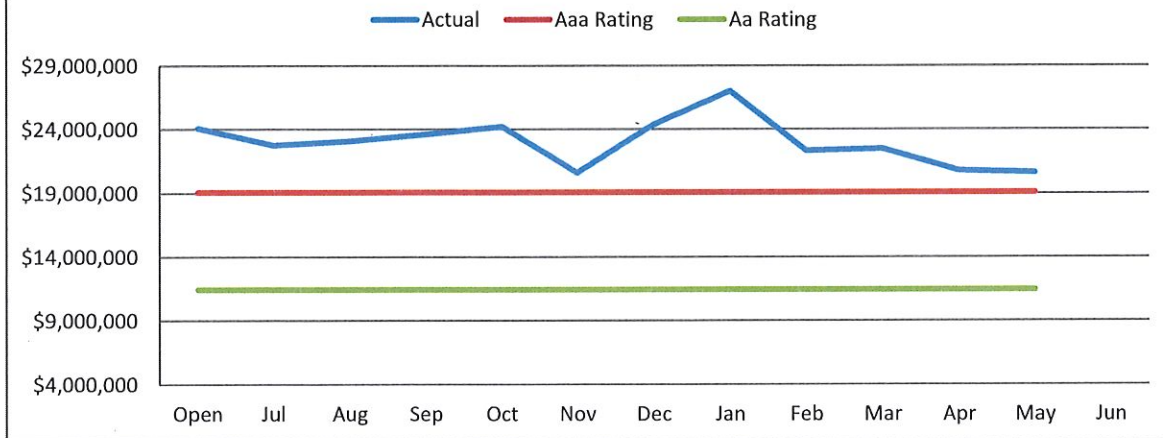
Total Debt	\$ 210,708,804
Operating Revenue	\$ 93,864,185
Debt/Operating Revenue	2.24

<2.00 = Aaa

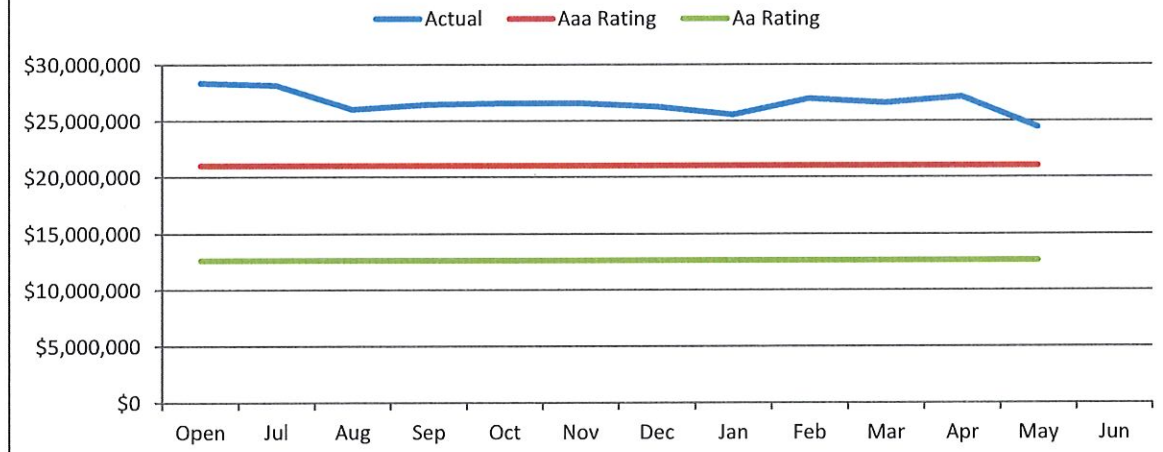
2.00 - 4.00 = Aa

Clarksville Gas & Water FY 2022

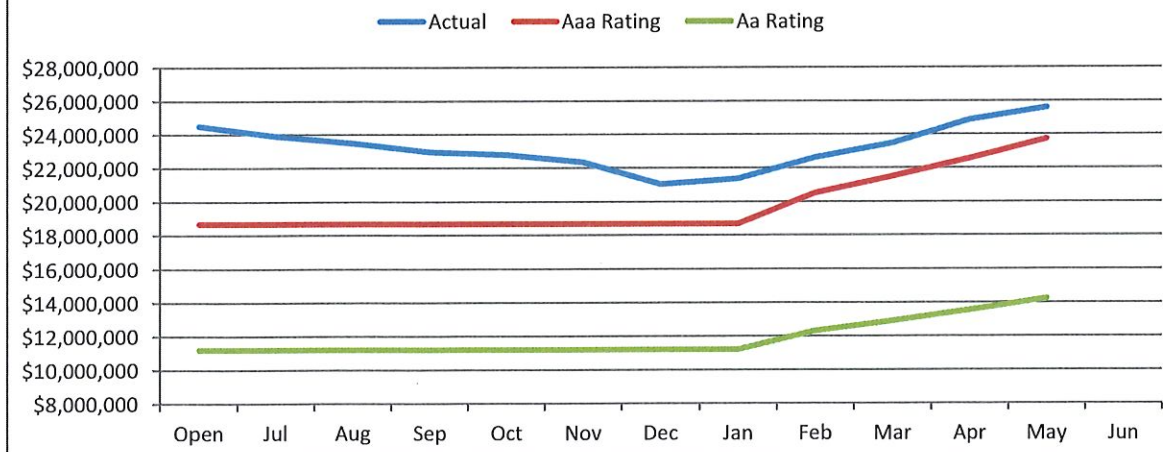
FY 2022 Available Cash - Water



FY 2022 Available Cash - Wastewater



FY 2022 Available Cash - Gas





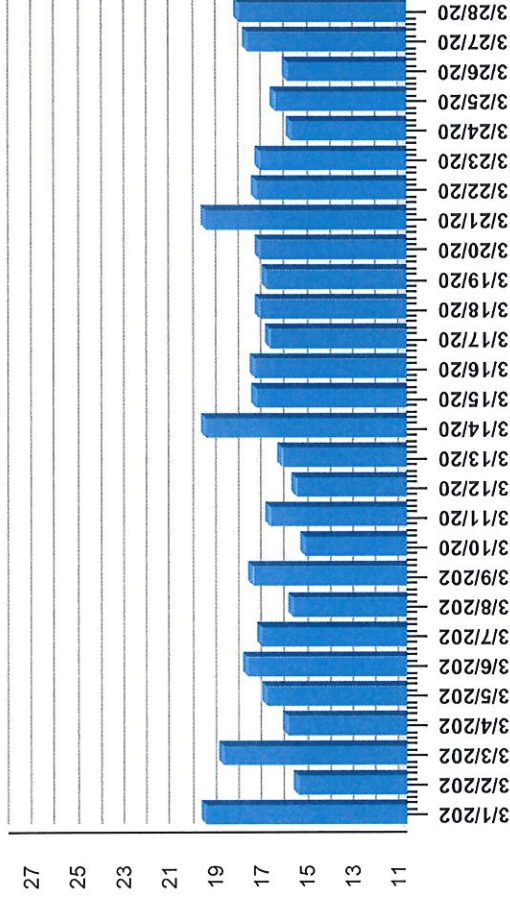
Monthly Activity Summary

May 2022

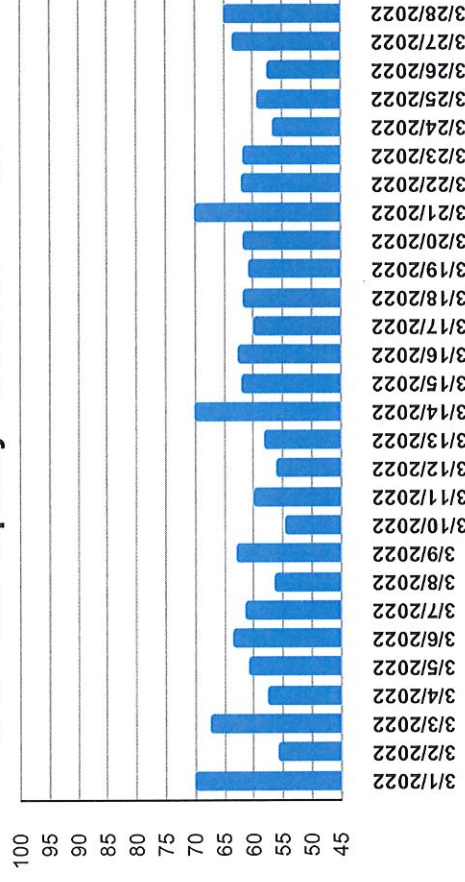
- Assessment Areas:
 - Hazelwood: cost \$2,727,241 / paid \$2,727,241 remaining \$0.00
 - Oakland: cost \$881,876 / paid \$293,975/ remaining \$587,900
- Gas System distributed 317 million cubic feet and averaged 10.2 million cubic feet per day. That represents approximately 15.5 percent of the system's capacity.
- Water Plant pumped 605 million gallons of treated water into the system and averaged 19.5 million gallons per day. That represents approximately 69 percent of the plant's capacity.
- Wastewater Plant treated 428 million gallons of sewage and averaged 12.3 million gallons per day. That represents approximately 49 percent of the plant's capacity.
- The call center handled 11,080 calls and averaged 357 per day. Each call lasted an average of 3 minutes and 35 seconds.
- Service Department completed 5,312 work orders and responded to 323 after hour calls.
- Gas Division installed 82 new services totaling 6,326 feet of pipe, 1 mains totaling 207 feet of pipe, and responded to 50 natural gas odor calls.
- Water Division repaired 53 water leaks totaling 687 feet of pipe, flushed 161 hydrants, and tested 517 backflow devices.
- Sewer Division made 27 point repairs totaling 203 feet of pipe, cleaned 49,077 feet of pipe.
- Engineering Department approved 12 utility plans this month and currently has 35 on-going projects.
- Billing Department read 107,666 meters with an accuracy rate of 99.92 percent and sent a total of 96,233 bills and notices.

DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
3/1/2022	19.6	3/1/2022	70.00
3/2/2022	15.6	3/2/2022	55.71
3/3/2022	18.9	3/3/2022	67.50
3/4/2022	16.1	3/4/2022	57.50
3/5/2022	17.0	3/5/2022	60.71
3/6/2022	17.8	3/6/2022	63.57
3/7/2022	17.2	3/7/2022	61.43
3/8/2022	15.8	3/8/2022	56.43
3/9/2022	17.6	3/9/2022	62.86
3/10/2022	15.3	3/10/2022	54.64
3/11/2022	16.8	3/11/2022	60.00
3/12/2022	15.7	3/12/2022	56.07
3/13/2022	16.3	3/13/2022	58.21
3/14/2022	19.6	3/14/2022	70.00
3/15/2022	17.4	3/15/2022	62.14
3/16/2022	17.5	3/16/2022	62.50
3/17/2022	16.8	3/17/2022	60.00
3/18/2022	17.3	3/18/2022	61.79
3/19/2022	17.0	3/19/2022	60.71
3/20/2022	17.3	3/20/2022	61.79
3/21/2022	19.6	3/21/2022	70.00
3/22/2022	17.4	3/22/2022	62.14
3/23/2022	17.3	3/23/2022	61.79
3/24/2022	15.9	3/24/2022	56.79
3/25/2022	16.6	3/25/2022	59.29
3/26/2022	16.1	3/26/2022	57.50
3/27/2022	17.8	3/27/2022	63.57
3/28/2022	18.2	3/28/2022	65.00
3/29/2022	17.6	3/29/2022	62.86
3/30/2022	19.4	3/30/2022	69.29
3/31/2022	15.1	3/31/2022	53.93
Monthly total	533.6	Monthly average	61.47

Daily Finished Totals MGD

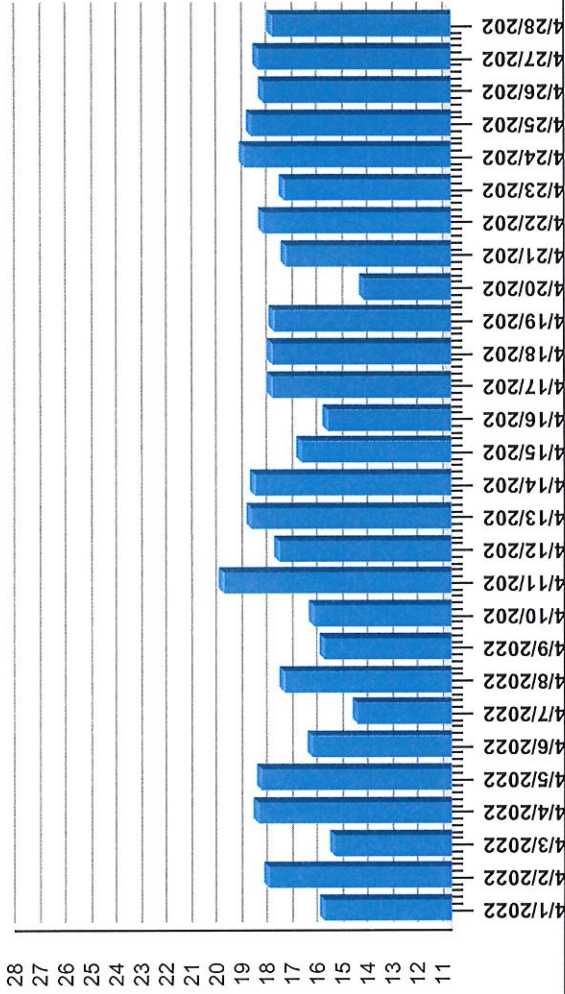


% of Total Capacity Based on 28 MGD

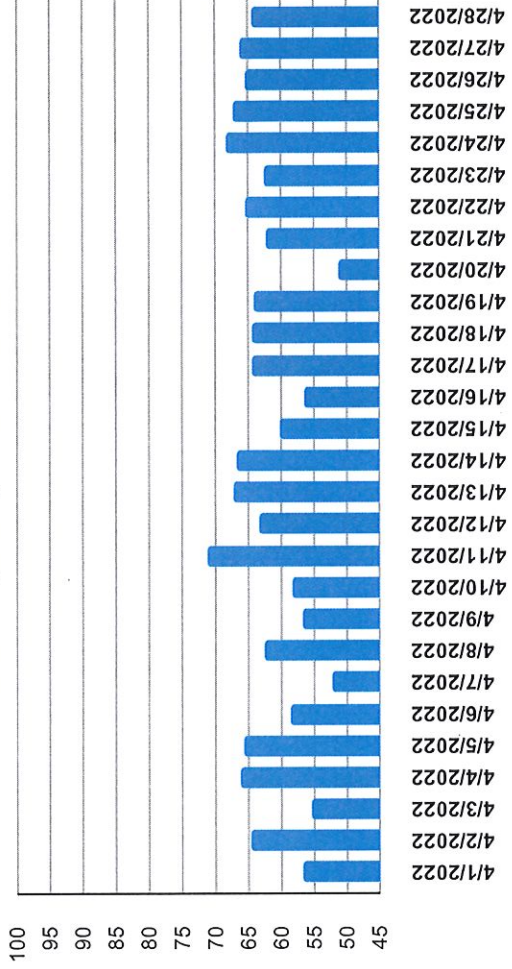


DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
4/1/2022	15.9	4/1/2022	56.79
4/2/2022	18.1	4/2/2022	64.64
4/3/2022	15.5	4/3/2022	55.36
4/4/2022	18.5	4/4/2022	66.07
4/5/2022	18.4	4/5/2022	65.71
4/6/2022	16.4	4/6/2022	58.57
4/7/2022	14.6	4/7/2022	52.14
4/8/2022	17.5	4/8/2022	62.50
4/9/2022	15.9	4/9/2022	56.79
4/10/2022	16.3	4/10/2022	58.21
4/11/2022	19.9	4/11/2022	71.07
4/12/2022	17.7	4/12/2022	63.21
4/13/2022	18.8	4/13/2022	67.14
4/14/2022	18.7	4/14/2022	66.79
4/15/2022	16.8	4/15/2022	60.00
4/16/2022	15.8	4/16/2022	56.43
4/17/2022	18.0	4/17/2022	64.29
4/18/2022	18.0	4/18/2022	64.29
4/19/2022	17.9	4/19/2022	63.93
4/20/2022	14.3	4/20/2022	51.07
4/21/2022	17.4	4/21/2022	62.14
4/22/2022	18.3	4/22/2022	65.36
4/23/2022	17.5	4/23/2022	62.50
4/24/2022	19.1	4/24/2022	68.21
4/25/2022	18.8	4/25/2022	67.14
4/26/2022	18.3	4/26/2022	65.36
4/27/2022	18.5	4/27/2022	66.07
4/28/2022	18.0	4/28/2022	64.29
4/29/2022	17.6	4/29/2022	62.86
4/30/2022	17.6	4/30/2022	62.86
MONTHLY TOTAL	524.1	MONTHLY AVERAGE	62.39

Daily Finished Totals MGD

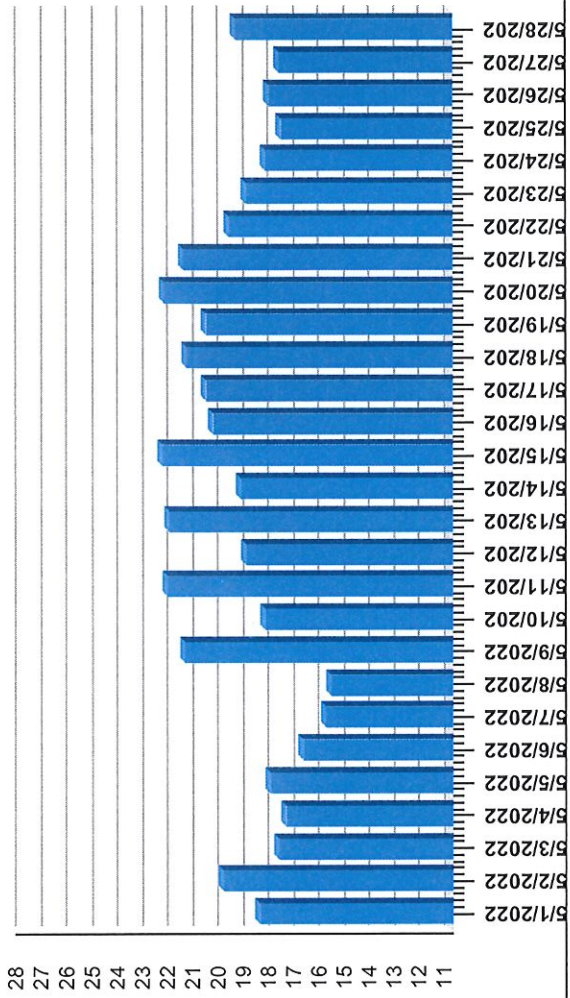


% of Total Capacity Based on 28 MGD

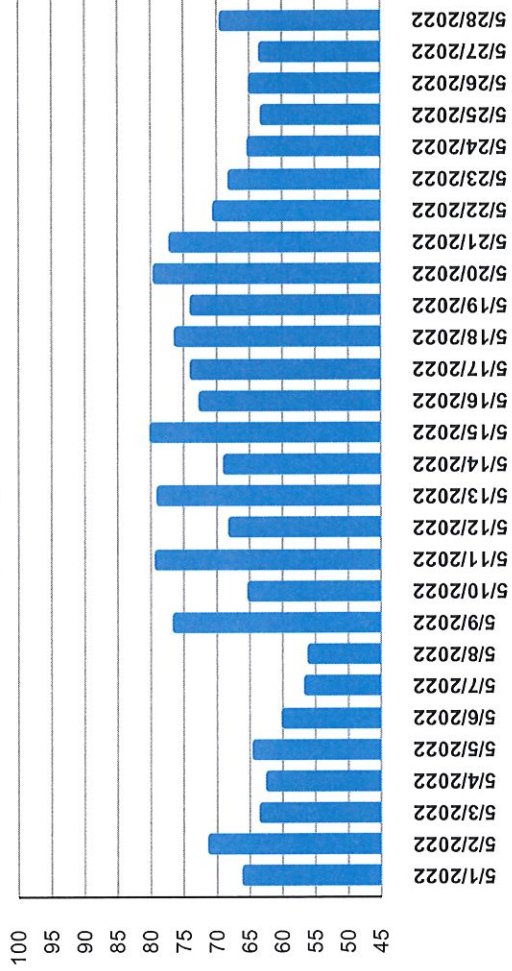


DATE	TOTALS IN MGD	DATE	% of Total Capacity Based on 28 MGD
5/1/2022	18.5	5/1/2022	66.07
5/2/2022	20.0	5/2/2022	71.43
5/3/2022	17.8	5/3/2022	63.57
5/4/2022	17.5	5/4/2022	62.50
5/5/2022	18.1	5/5/2022	64.64
5/6/2022	16.8	5/6/2022	60.00
5/7/2022	15.9	5/7/2022	56.79
5/8/2022	15.7	5/8/2022	56.07
5/9/2022	21.5	5/9/2022	76.79
5/10/2022	18.3	5/10/2022	65.36
5/11/2022	22.2	5/11/2022	79.29
5/12/2022	19.1	5/12/2022	68.21
5/13/2022	22.1	5/13/2022	78.93
5/14/2022	19.3	5/14/2022	68.93
5/15/2022	22.4	5/15/2022	80.00
5/16/2022	20.4	5/16/2022	72.86
5/17/2022	20.7	5/17/2022	73.93
5/18/2022	21.4	5/18/2022	76.43
5/19/2022	20.7	5/19/2022	73.93
5/20/2022	22.3	5/20/2022	79.64
5/21/2022	21.6	5/21/2022	77.14
5/22/2022	19.8	5/22/2022	70.71
5/23/2022	19.1	5/23/2022	68.21
5/24/2022	18.3	5/24/2022	65.36
5/25/2022	17.7	5/25/2022	63.21
5/26/2022	18.2	5/26/2022	65.00
5/27/2022	17.8	5/27/2022	63.57
5/28/2022	19.5	5/28/2022	69.64
5/29/2022	20.3	5/29/2022	72.50
5/30/2022	19.4	5/30/2022	69.29
5/31/2022	22.3	5/31/2022	79.64
MONTHLY TOTAL	604.7	MONTHLY AVERAGE	69.67

Daily Finished Totals MGD

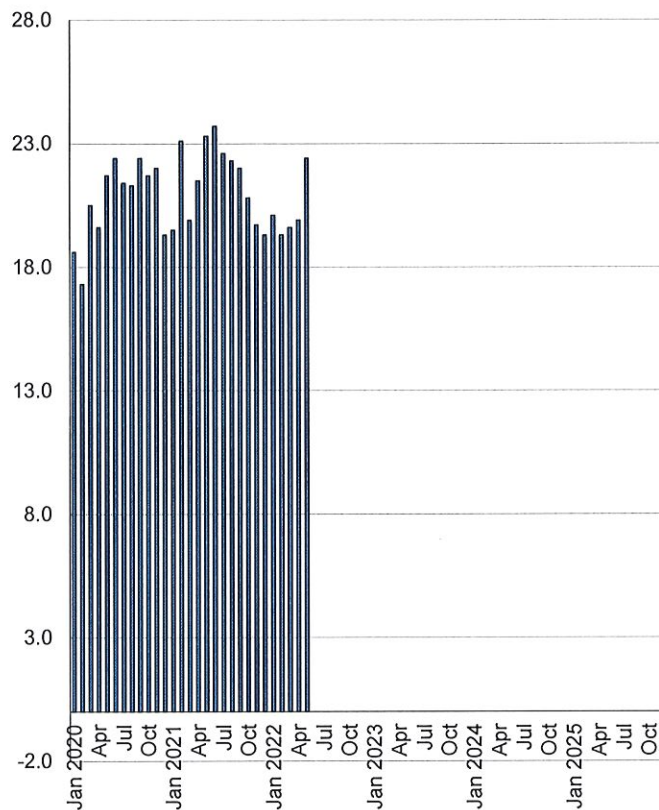


% of Total Capacity Based on 28 MGD

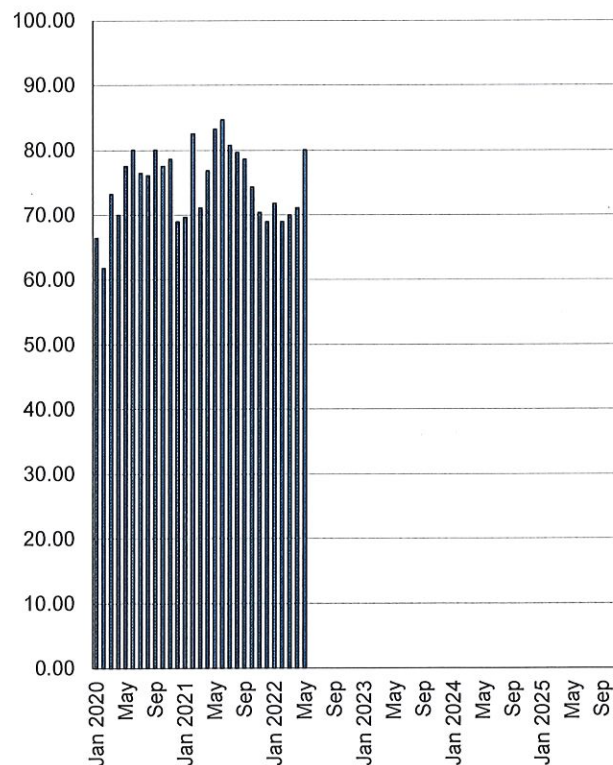


Date	Amt	Date	% of Capacity
Jan 2020	18.6	Jan 2020	66.43
Feb	17.3	Feb	61.79
Mar	20.5	Mar	73.21
Apr	19.6	Apr	70.00
May	21.7	May	77.50
Jun	22.4	Jun	80.00
Jul	21.4	Jul	76.43
Aug	21.3	Aug	76.07
Sep	22.4	Sep	80.00
Oct	21.7	Oct	77.50
Nov	22.0	Nov	78.57
Dec	19.3	Dec	68.93
Jan 2021	19.5	Jan 2021	69.64
Feb	23.1	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	19.7	Nov	70.36
Dec	19.3	Dec	68.93
Jan 2022	20.1	Jan 2022	71.79
Feb	19.3	Feb	68.93
Mar	19.6	Mar	70.00
Apr	19.9	Apr	71.07
May	22.4	May	80.00
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

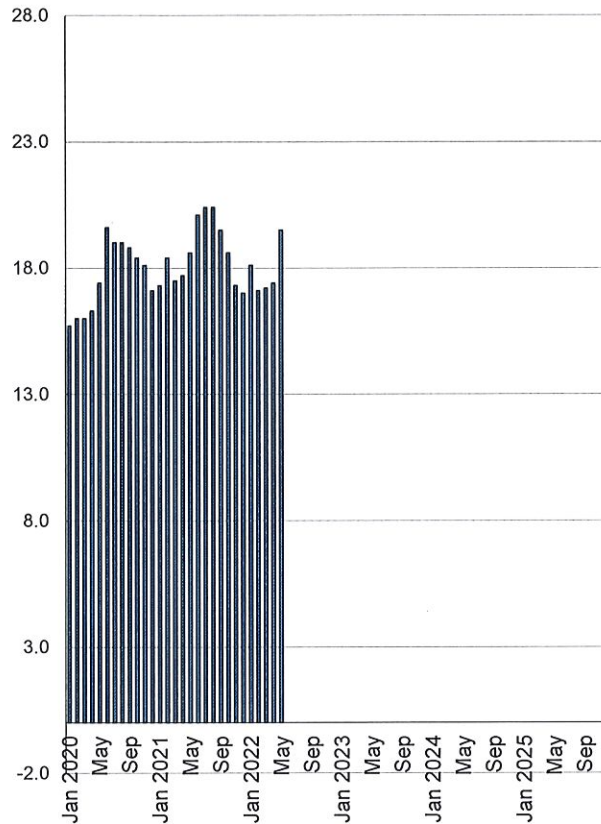


% of Capacity Based on 28 MGD

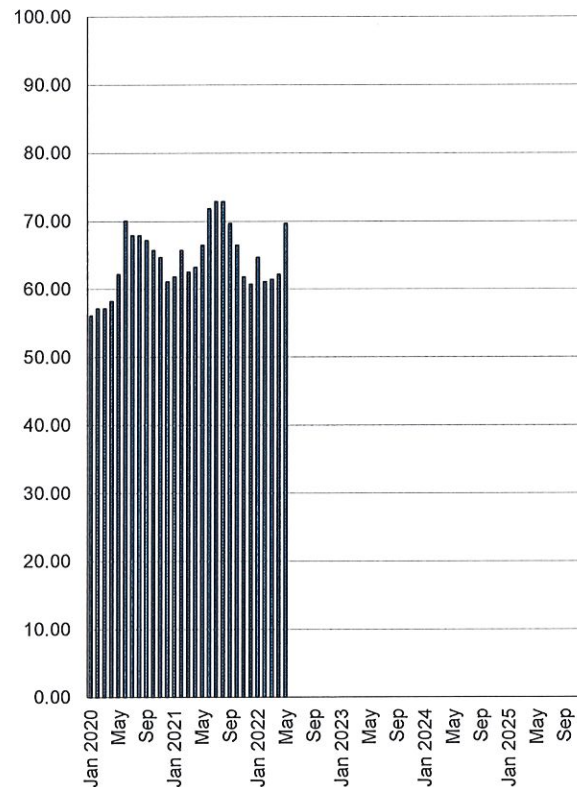


Date	Amt	Date	% of Capacity
Jan 2020	15.7	Jan 2020	56.07
Feb	16.0	Feb	57.14
Mar	16.0	Mar	57.14
Apr	16.3	Apr	58.21
May	17.4	May	62.14
Jun	19.6	Jun	70.00
Jul	19.0	Jul	67.86
Aug	19.0	Aug	67.86
Sep	18.8	Sep	67.14
Oct	18.4	Oct	65.71
Nov	18.1	Nov	64.64
Dec	17.1	Dec	61.07
Jan 2021	17.3	Jan 2021	61.79
Feb	18.4	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	17.3	Nov	61.79
Dec	17.0	Dec	60.71
Jan 2022	18.1	Jan 2022	64.64
Feb	17.1	Feb	61.07
Mar	17.2	Mar	61.43
Apr	17.4	Apr	62.14
May	19.5	May	69.64
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

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Jan.Total	442038	486007	472836	460298	471709	542638	506802	487760	537922	561582
Aver.	14259	15678	15253	14848	15216	17504	16348	15734	17352	18116
Max	17032	18977	18841	17349	19091	19678	19667	18650	19509	20157
Min	12695	11548	13616	12928	14348	14683	13896	12889	15070	14954
Feb.Total	400164	424980	431331	420563	418523	450030	467133	464620	517207	481539
Aver.	14292	15178	15405	14502	14947	16073	16683	16021	18472	17198
Max	17101	17883	17659	15791	16453	19679	19919	17301	23147	19398
Min	10627	12956	13342	13145	13507	14057	13710	14832	14933	14669
Mar.Total	443135	454724	459349	442712	462775	488427	499251	498790	543470	535053
Aver.	14295	14669	14818	14281	14928	15756	16105	16090	17531	17260
Max	16323	16316	16565	15992	17089	17592	17367	20582	19958	19689
Min	12758	12448	13381	12822	13894	14516	14929	13982	15338	15188
Apr. Total	428845	442935	433816	447902	479548	471571	495905	491542	531895	523710
Aver.	14295	14765	14461	14930	15985	15719	16530	16385	17730	17457
Max	16049	17251	15936	16785	19424	17634	19477	19679	21550	19947
Min	12472	13031	12702	12521	14464	13683	14140	13942	14991	14376
May Total	469221	494881	502787	484014	508673	535251	550304	541075	577661	605393
Aver.	15136	15964	16219	15613	16409	17266	17752	17454	18634	19529
Max	17712	19461	18671	19413	19500	20201	21385	21754	23319	22441
Min	12710	13064	14687	13917	13724	14348	14204	15033	15661	15713
Jun. Total	484809	500530	505360	536245	525289	554301	539759	588876	604053	
Aver.	16160	16684	16846	17875	17510	18477	17992	19629	20135	
Max	18416	20717	19306	20660	24870	21444	21454	22442	23784	
Min	13442	14133	14050	15630	14988	15308	14700	16334	16624	
Jul. Total	503624	572496	544235	519632	571991	583935	569783	590407	633850	
Aver.	16246	18468	17556	16762	19451	18837	18380	19045	20447	
Max	19079	21348	21555	19407	21680	22472	21198	21487	22672	
Min	12996	14926	14673	14985	15287	13853	16212	15643	17478	
Aug.Total	501432	559563	547126	529644	566204	595380	584399	589997	633761	
Aver.	16175	18050	17649	17085	18265	19206	18852	19032	20444	
Max	20145	21121	20033	19451	22100	22024	21852	21359	22323	
Min	14013	13566	14503	14785	15658	15318	15235	16443	16939	
Sep.Total	494484	527302	508650	532147	530559	569190	605709	565475	585256	
Aver.	16483	17577	16955	17738	17685	18973	20190	18849	19508	
Max	17993	21379	19573	21501	19637	22112	23540	22452	22039	
Min	14365	14851	14245	16104	15576	16342	17485	16121	17898	
Oct. Total	482230	484925	471463	547410	533123	561681	560395	573348	576635	
Aver.	15556	15643	15208	17658	17198	18119	18077	18495	18601	
Max	18514	18115	16803	20503	19507	20803	21149	21771	20894	
Min	12424	13993	13337	15408	14485	15333	14001	16235	16225	
Nov.Total	442786	443208	427852	501075	490630	496859	506448	544277	520726	
Aver.	14760	14774	14262	16703	16354	16562	16882	18143	17358	
Max	16254	16718	15879	19499	18381	19630	19775	22005	19727	
Min	13360	13207	12336	13700	13825	14615	14275	16175	14142	
Dec.Total	463552	453064	442384	475697	497194	504637	492948	533119	527675	
Aver.	14953	14615	14270	15345	16039	16279	15902	17197	17022	
Max	20904	16055	16082	17226	17728	19829	17795	19317	19357	
Min	12206	13421	12787	13516	13355	13897	13962	15018	15196	
Yr. Total	5556320	5844615	5747189	5897339	6056218	6353900	6378836	6469286	6790111	2707277
Yr. Aver.	15222	16013	15746	16113	16592	17408	17476	17724	18603	
Peak Day	20904	21379	21555	21501	24870	22472	23540	22452	23784	

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>	
May	2022	29,709	77,957	107,666	99.92%
April	2022	29,674	77,680	107,354	99.92%
March	2022	29,632	77,412	107,044	99.91%
February	2022	29,595	77,217	106,812	99.91%
January	2022	29,567	77,038	106,605	99.91%
December	2021	29,545	76,826	106,371	99.91%
November	2021	29,518	76,549	106,067	99.90%
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%
12 Month Total		383,860	995,150	1,379,010	99.91%

SERVICE DEPARTMENT

		<u>Service Orders</u>	<u>After Hours Calls</u>
May	2022	5312	323
April	2022	5062	283
March	2022	6066	345
February	2022	4329	282
January	2022	4785	410
December	2021	5168	312
November	2021	4807	327
October	2021	283	283
September	2021	5066	238
August	2021	5513	271
July	2021	5893	250
June	2021	5942	221
May	2021	4423	184
12 Month Total		62,649	3,729

GAS, WATER AND SEWER DEPARTMENT

GENERAL POLICY, CRITERIA AND GUIDELINES FOR OBTAINING UTILITY EASEMENTS

The extension of new gas, water and sewer mains are whenever possible made within existing right-of-ways or easements provided on the property; however, in some cases, such as with large trunk mains and sewer lines which must follow the topography of the land, it is often necessary to obtain utility easements from existing property owners. Although the City has the right of eminent domain in obtaining these easements, it is normally the policy to negotiate these easement agreements whenever possible rather than resorting to condemnation. The negotiations of these easements are normally handled by the Engineering Division Manager or one of their designees, according to the following general guidelines:

1. Utility easements are whenever possible obtained within areas of a lot or tract which are already encumbered by the building setback, in which case permanent structures cannot be located. In some of these instances, the consideration for granting the easement(s) is the waiver of the connection fee(s) for the affected property. The value of said connection fees are as specified in the Clarksville City Code.
2. In cases where a very large parcel is crossed which has potential for being divided into several lots, multiple connection fees may be waived in correspondence to the number of lots. This number is negotiable because on the case of a large parcel, which is subject to being subdivided, the owner of the property may recognize that the utility is of significant benefit to the property and the owner may not require the waivers.
3. On large parcels, other in-kind benefits may be offered in consideration, such as the installation of a fire hydrant, a main line stub or valve to facilitate the future development of the property.
4. In cases where the property being crossed already has utility availability and connections, or the property owner is otherwise not interested in connection fee waivers, cash settlements may be offered equal to the assessed or appraised value of the proposed easement.
5. The City warrants in obtaining an easement that the property will be restored to its original condition as nearly as possible; however, in cases where other damages such as the removal of shade trees, ornamentals, etc. are required, payment for this damage is also considered in addition to the value of the easement and/or connection fee(s).
6. If a parcel is going to be significantly damaged, for example, if the line will pass through a potential building site or if the property owner otherwise asks what is considered to be an exorbitant amount for the easement, an official appraisal of the easement damages may be required. In some cases, the property owner is offered the additional amount that would otherwise have to be paid to the appraiser, as an additional consideration in negotiating the easement without the need for appraisal or condemnation.
7. Considerations of any amount, value being appraised from a state-certified appraiser and appraisal not greater than one year old, do not require approval. If the total consideration of the easement agreement exceeds \$25,000, without an appraisal or with an appraisal greater than one year old, the approval of the Gas & Water Committee will be required.

GAS, WATER AND SEWER DEPARTMENT

GENERAL POLICY, CRITERIA AND GUIDELINES FOR OBTAINING
UTILITY EASEMENTS

The extension of new gas, water and sewer mains are whenever possible made within existing right-of-ways or easements provided on the property; however, in some cases, such as with large trunk mains and sewer lines which must follow the topography of the land, it is often necessary to obtain utility easements from existing property owners. Although the City has the right of eminent domain in obtaining these easements it is normally the policy to negotiate these easement agreements whenever possible rather than resorting to condemnation. The negotiations of these easements are normally handled by the City Engineer, General Manager or one of their designated assistants according to the following general guidelines:

1. Utility easements are whenever possible obtained within areas of a lot which are already encumbered by the building setback in which case permanent structures cannot be located. In most of these instances the consideration for granting the easement is the waiver of the connection fee for the affected property. This connection fee is valued currently at approximately \$400 for existing residential sewer customers. The connection fee for new residential homes both for water and sewer is based on the square footage of the residence.
2. In cases where a very large parcel is crossed which has potential for being divided into several lots, multiple connection fees may be waived in correspondence to the number of lots. This number is negotiable because in the case of a large parcel, which is subject to being subdivided, the owner of the property may recognize that the utility is of significant benefit to the property and the owner may not require the waivers.
3. On large parcels other in kind benefits may be offered in consideration, such as the installation of a fire hydrant, a main line stub or valve to facilitate the future development of the property.
4. In cases where the property being crossed already has utility availability and connections or the property owner is otherwise not interested in connection fee waivers, cash settlements may be offered equal to the value of the proposed connection fee waiver.
5. The City warrants in obtaining an easement that the property will be restored to its original condition as nearly as possible; however, in cases where other damages such as the removal of shade trees, ornamentals, etc. are required, payment for this damage is also considered in addition to waiver of fees.
6. If a parcel is going to be significantly damaged, for example, if the line will pass through a potential building site or if the property owner otherwise asks what is considered to be an exorbitant amount for the easement, an official appraisal of the easement damages may be required. This appraisal cost normally runs from \$200 to \$500 on residential lots and in some cases the property owner is offered the additional amount that would otherwise have to be paid to the appraiser as an additional consideration in negotiating the easement without the need for appraisal or condemnation.
7. If the total consideration of the easement agreement exceeds \$5,000 or if the negotiated agreement is 100% or more greater than the average consideration for such similar easements, the approval of the Public Utilities Committee will be required.