MINUTES OF THE BOARD OF PUBLIC WORKS Tuesday December 27, 2022

The Regular Meeting of the Board of Public Works held on December 27, 2022 at 7:30 a.m. in the City Council Chambers located at 405 Jefferson Street, Washington, Missouri. The following were present/absent:

MEMBERS:		
Chairman	John Vietmeier	Present
Vice Chairman	Brad Mitchell	Present
Secretary	Mike Radetic	Present
Member	Steve Richardson	Present
Ex-officio Member	Steve Strubberg	Absent
Ex-officio Member	Vacant	
OTHERS:		
Council Representative	Mike Coulter	Present
Council Representative	Duane Reed	Absent
Mayor	James Hagedorn	Present
City Administrator	Darren Lamb	Absent
Public Works Director	John Nilges	Present
Public Works Superintendent	Kevin Quaethem	Present
Water/Wastewater Admin. Asst.	Sarah Skeen	Present
Assistant City Engineer	Andrea Lueken	Absent
Waste Water Foreman	Kerry Duke	Present
Water Foreman	Dylan Voss	Absent

Originals and/or copies of agenda items of the meeting, including recorded votes are available on record in the office of the Public Works Department for one year. Video/DVD and audio tapes are kept only until the minutes have been approved for the meeting. DVD copies of this meeting are distributed to Board Members if requested.

Minutes

A motion made by Mr. Richardson and seconded by Mr. Mitchell to approve the minutes from the regular meeting held November 22, 2022 meeting. The motion passed without dissent.

Priority Items

None

Wastewater

This is a proposal and a request to approve to move forward. Our West 5th Street Lift Station across from West 5th Street Elementary. We have a complete failure of that lift station. It has decided to blow up the pumps and the wiring. It has completely failed so we have to replace it. Right now we have a bypass pump system set out there. We went out for bids and we got a bid from the Pump Shop and from Vandevanter. Vandevanter's price is higher because they chose to put in replacing all the check valves and everything. I contacted them and told them that we weren't going to do that and they said they were going to go with what we've got. Another case of them being so busy. Pump Shop has done some work with us before but they came in with the other bid. The only two bids we got, so we are going to have to go with the Pump Shop. Going with the Pump Shop gives us a little bit of a lead way because right now we have one pump in there that was rebuilt and we tried to use that as a bypass but when we hooked it up it took out the rest of the control panel. It is just old and antiquated stuff. This new pump will last us 20 years. It's a small station and picks up West 5th street schools, bars, furniture, and 4 or 5 houses on 5th street. There is no way to convert this to gravity so it's going to be with us forever. Vandevanter included a whole new vaulting system which included two check valves, two valves. The expected life of what we have now should last just about as long as the system. That's not what wears out so bad, it is the electrical and the pumping. We can rebuild the valves, it is really just a flap and a seal. The \$50,000 difference is because it had to have the vault to come along with it. It basically took the whole station and redesigned the whole station. With the way things are going right now, I didn't think it was prudent to do a complete rebuilt when we can still work with what we got. As long as we can still get the parts we need for everything we got in there, we are fine.

A motion to accept the bid from the Pump Shop was made by Mr. Richardson and seconded by Mr. Radetic. The motion passed without dissent.

A Cogent pay request for the SCADA programming for the West End Lift Station that was not part of the actual construction of the Lift Station. They forgot to bill us for this, and they came across this. We are bringing all of our lift stations into the SCADA system so that we can look at our phones or laptops to know what's running or not running. It was adding features into the SCADA system that wasn't there currently and the wiring in the station to bring it into the SCADA system. This wasn't in the base bid but it was part of the original project. It was a separate invoice that should have went out.

A motion to pay Cogent in the amount of \$6,318.00 was made by Mr. Mitchell and seconded by Mr. Radetic. The motion passed without dissent.

A COE Equipment pay request for the camera trailer. I will get a video for you to see while it is in operation. This is the equipment that gives us the ability to get into a 6" line and do lateral launching like we do with our 8" line. We used it over on Elm Street at the Dutch (Hotel) and 5th Street. The new camera has a pan and tilt head on it. We were able to get into the service lateral and we were able to pan and tilt to see what the problem is. We saw some stuff that we think caused the problem but at least the property owner know what they have to work with when they start digging. It looks like two pieces of telecommunications conduit. It is also going to be used

for the inspections for our cost sharing program with Engineering; we can now go out into the service lateral and verify what is wrong and be able to see if we have any illegal connections in the service lateral after the house. We've seen it before, we seen some lines coming in and we don't know if they are capped off. We can look and see if they are in-service and if they are functional. Often times, it is downspouts attached to the service lateral. Which is an I&I (inflow and infiltration) issue, it generates more flow into the lift stations and the treatment plant and more cost of operations. Most of it is from 5th Street down to Front Street. When you see downspouts that goes under ground and they don't come out anywhere and you know where they are going. (The camera) is a great investment to be able to see into a 6" line, that we have never been able to get into and look at service laterals. The original bid came with a new controller that they thought that we would need but we were able to make it work with the controller that we got. We were able to save just under \$10,000 by utilizing what we already had. A motion to pay COE in the amount of \$70,781.36 was made by Mr. Mitchell and seconded by Mr. Radetic. The motion passed without dissent.

Water

I decided that I would start adding some of the supplies for you guys to see what we are ordering, when we are ordering and how much it costs. This is just an fyi, discussion, information on what we are purchasing to keep the system running. We usually wait but due to the nature of delivery and availability, we are now moving into a "use a part, order a part" because we noticed that when we make a big mass order, we may get five of what we ordered and seven are on back order and we are sitting and waiting for them to come in. We don't want to get into a situation where we are stuck without a part because we waited too long. Valves can take anywhere from 2-10 weeks. If we need a part right away, we don't go out for bids. With the cost of valves, I always like to try to get the best I can. They can cost \$600 - \$1200 depending on what valve you are getting. If we need one in an emergency, we will run over to Boehmer Brothers because they are just over in Foristell. That is one of my jobs is to spend the city's money as wisely as I can. If we not in an emergency, I don't see any sense in just going over to Boehmer Brothers just because they are quick.

Is there any benefit to ordering more than one at a time? There is always that benefit, we use to have valves sitting on the shelf but because of the cost of them now, the last time we ordered 12-inch valves, they have gone up over 200% in cost. If we got a project, we will go out for bids. Most of the time, we may have one valve go out in a year and we just need to cut in a new one. We use to be a supply house for people but we too are having the same problem getting material. We do an inventory every year, so we have our history of inventory. All of our meters we buy as much as we can when we can get it. They are hard to get. We usually stock 40-50 feet of 6" and maybe 40 feet of 8". You don't want to have pipes sitting out in the sun too much, because they will break down. We been cutting our stock on our valves back, we usually try to keep two valves of everything. I would love to be back to 4 years ago when I knew I could do a bulk of everything we needed and not have the pain of the price when it comes in. We try to do what we can with the supplies we have. Just about everything we order, we are lucky to get anybody that says we have everything you need. We've got some bidders, that if you do an MJ or a cast bid, which is your valves, T's, or 90's, and we put stainless in the bid, which are the repair sleeves, that bidder won't even bid because they can't compete with the stainless. We have to break the bids out into two pieces so that we can make it fair for everybody that could bid. We break out our mechanical fittings to our stainless repair fittings. Before we just sent it out to everybody and now we are getting "we are not going to bid on it, because we can not compete" and then they just don't bid

on any of it. Boehmer Brothers is usually one of our lowest bidders on our mechanical joints. We want them there because they do help out.

Were there ever conversations with the water district or another municipality to purchase together? We have never done the big bulk across the board, but everybody's plans are so different on what we are going to be doing but we all help each other out. If Union needed something, and they call and we have it, they can use it. We do that with the local contractors too. If they need something from us, and we have an extra one, we will let them use it; they reorder and get it back to us. In the same token, if we need something and they have it, we can use it. The volume bidding will help with pricing too because the more you order you do get a better deal. The district is a little different because that is Alliance, and they are for profit so they are a little different than what we are. I could open up conversations with New Haven and Union. John would have to be involved in it because he is my boss and I am sure we would have to talk to legal about it just to make sure that it is something that could be done but it is a good idea.

<u>Other</u>

The plant is functioning good. We got our new set of lamps are in, they are not in because we don't put them in now, but they are in house and in their carriers and are ready to go. Still have our same low readings. As I get them, I am always a month behind. I am going to wait a few months and then I am going to bring them in again; the numbers are really not changing a lot. We will go through the winter and see how the winter does and then we will have a full summer to see what the differences are.

What can the city do or not do, if I own a property and the tenant is not paying and the water gets shut off but the tenant turns the water back on? We are dealing with one of them right now. We go back and shut it off. This particular property owner put cameras on his house. We do have the ability to bring litigation against them. Do we have the ability to lock or disable the meter? Our apartment complexes - yes we can lock out the valves outside of the meter. Residential homes, since our valves are down in a hole in the curb stop; there is not a lot out there that gives us the ability to lock those out. There is a certain tool that if anyone is a mechanic knows what size tool that is to get on and how to open that up. Our local supply stores sell the curb stop wrench for plumbers that anyone can go buy. They make a plug that you can put down into the curbstop, but all they have to do a rod and jam it all the way in and then you can't get it turned back on or turned off and then we have to dig it up because we are responsible for the curbstop. The curb stops belong to us, right? Can't you arrest them for trespassing? A lot of it plays into, do you have evidence that they did it. We try to make it as inconvenient as we can. We do have the new meters so if the owner of rental property would like to absorb the cost of the electronic ones that we can turn off electronically. We have two in the system right now, one that we put in to a business we have never been able to find the curb stop, and the group was notorious for not paying their payment but when we put that in there and then shut them off, it is amazing how now they pay their bill. The electronic one, if we turn it off and they mess with it, it stays off. They can cut the wire; they can do whatever they want. They can pull the meter out and put straight pipes in; it throws out an alarm that says empty pipe so we know there is no water in the meter. What is the cost for one of these meters? They cost \$420. That is for the material. We have never charged labor to do anything with the meters. We have to have an appointment and make sure that the person is not there. There is a process we have to go through.

Some time back we started working with the customers and getting them on the electronic payments to eliminate shut offs. We don't hear anything about that anymore. We have about 80 a month now compared to 400-600 we use to have. So it has gotten a lot better but we still have our frequent flyers. We turn them off and then they come in and pay up to current and the on/off fee. It's gotten a lot better. Obviously, it cost us money to send someone out there to turn it off and then they come in, pay it, and then send someone back out to turn it on. At some point, we should just put the electronic meter and you can shut it off sitting at your desk. We did increase the turn on fee, from \$25-\$50, because we realized our man-hours weren't making any sense. We did double that as a way to offset that. I would strongly consider putting in the electronic meter for people that are frequent flyers. As long as we can get an appointment with them. A lot of them are homeowners. We have a code that says that we can do that. It seems to me that over time, if you go back to the same spot, those individuals can be doing something else. I do have to say that it is a lot quicker to get them off and on because we have been there so much, the valve works really good. Ideally, I would like to have enough of those meters to be able to do all of that but right now the meters are limited, we only have a certain amount so I keep them for the really bad ones. The units that have only one curb stop and you have an A and a B. A pays really well and B doesn't because they know can't be shut off because they know the situation of the house. Those are the kinds that I have been pushing more. It is a lot cheaper for that property owner to invest the \$420 into that meter, instead of the \$2500 to put in another curb stop or the aggravation of putting it in their own name. A lot of the landlords, they don't want them in their name because they want those inspections. If you put it in their name, then they don't have to do an inspection anymore. They are supposed to but because there is no trigger, they don't get it inspected. The ones that are on there all the time, they are not really our problem because it is so easy to get them turned on and off. There are maybe 10 that are the same ones. It is not like it is the same 80 that are on the list. That number floats. The same ones that are on there that we know are multi units that have the same curb stop. There are your three options, which one do you want to do? Probably at least half of them put it in their own name and the other ones, the bill gets paid. It becomes and non-problem and we move on to something else. John, to answer your question, you would like to know how many people are on the payment plan? I can check on that, we only had one or two the way it was scheduled last time, it just didn't make any sense. Since we revamped it, I can get you that number. I will have to get with Finance on that.

For the ones that we are shutting off do we offer that payment plan? That is supposed to be offered at the time of payment, at the counter, to get into those arrangements. We are finding that the credit card fees are continuing to increase. A lot of people are putting it on a credit card. They get shut off and they pay on a credit card. Do we charge a 3 or 4% fee? No we don't, we chose not to. With the increase of the \$50 fee, and we are getting our payment. This has been going on for a few years now. We get the payment but we absorb the fee.

Old Business

Mr. Richardson will be gone for two or three months. Mr. Strubberg will move over as a voting member of the board in Steve Richardson's absence. A motion to accept the proposal was made by Vietmeier and seconded by Mr. Radetic. The motion passed without dissent.

Next Scheduled Meeting Date

The next scheduled meeting date is Tuesday January 24, 2023.

Adjourn

There being no further business the meeting adjourned on a motion by Mr. Vietmeier and seconded by Mr. Richardson. All in favor aye, those oppose, none. We are adjourned.

Prepared by:

Sarah Skeen Water/Wastewater Administrative Assistant

Adopted and Approved by the Board of Public Works:

Date:

Signature:

Secretary

City of Washington

Memo

/ Request #7
/

Attached is pay request #7 for \$7,496.00, Invoice #25692, from Cochran for the design, geotechnical investigation and construction administration of the Southpoint Ground Water Storage Tank. Payment is recommended and the status is summarized below:

Contract Amount	\$74,960.00	
Change Orders	\$	0.00
Previous Pay Requests	\$29,984.00	
Current Pay Request #6	\$7,496.00	
Balance of Contract	\$37,4	80.00

Approved by: ______ John Vietmeier, Chairman Board of Public Works

Date: _____



City of Washington Kevin Quathem 405 Jefferson Street Washington, MO 63090 Invoice number Date 25692 01/13/2023

Project 22-9079 Southpoint Ground Water Storage Tank

				Amount			
Southpoint Ground	Water Storage Ta	ank					
		Cont	ract Amount	74,960.00			
		Perce	nt Complete	60.00			
×			Prior Billed	37,480.00			
					Current Billed	2000	7,496.00
		/1×-			Total		7,496.00
7 8						Invoice total	7,496.00
Aging Summary							
Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
25407	12/12/2022	7,496.00		7,496.00	a den di		
25692	01/13/2023	7,496.00	7,496.00				
	Total	14,992.00	7,496.00	7,496.00	0.00	0.00	0.00

Interest of 1.5% per month will be charged to all accounts past due. Please Reference Invoice Number on Check.

NOTICE TO OWNER:

FAILURE OF THIS CONTRACTOR TO PAY THOSE PERSONS SUPPLYING MATERIAL OR SERVICES TO COMPLETE THIS CONTRACT CAN RESULT IN THE FILING OF A MECHANIC'S LIEN ON THE PROPERTY WHICH IS THE SUBJECT OF THIS CONTRACT PURSUANT TO CHAPTER 429, RSM0. TO AVOID THIS RESULT, YOU MAY ASK THIS CONTRACTOR FOR "LIEN WAIVERS" FROM ALL PERSONS SUPPLYING MATERIAL OR SERVICES FOR THE WORK DESCRIBED IN THIS CONTRACT. FAILURE TO SECURE LIEN WAIVERS MAY RESULT IN YOU PAYING FOR LABOR AND MATERIAL TWICE.

NOTICE: THERE WILL BE A THREE PERCENT (3%) CONVENIENCE FEE ADDED TO ANY PAYMENTS MADE BY CREDIT CARD

City of Washington

Memo

To:	Board of Public Works
From:	Kevin Quaethem, Public Works Superintendent
Date:	1/24/2023
Re:	Worldwide Industries – pay request #4

Attached is pay request #4 for \$28, 500.00 from Worldwide Industries for the Interior & Exterior Recoating of Clay Street & Enduro Water Storage Tanks. Payment is recommended and the status is summarized below:

ontract Amount \$593,500.0	
\$ 0.00	
\$535,325.00	
\$28,500.00	
\$29,675.00	

Approved by:

John Vietmeier, Board of Public Works Chairman

Date:

	Contractor's Application for	Payment No. 4
	Application Period:	Application Date: 12/16/2022
To (Owner): City of Washington	From Contractor: Worldwide Industries Corp. P.O. Box 1681, Butler, PA 16003-1681	Via (Engineer): Cochran Engineering
Project Interlor & Exterior Recoating - Clay St. & Enduro Tanks	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 21-8553

Application For Payment

diata and a second	Change Order Summary			
			1. ORIGINAL CONTRACT PRICE	\$593,500.00 🗸
Number	Additions	Deductions	2. Net change by Change Orders	
			3. Current Centract Price (Line 1 ± 2)	\$593,500.00 V
			4. TOTAL COMPLETED AND STORED TO DATE	
			(Column F on Progress Estimate)	\$593,500.00 🗸
			5. RETAINAGE:	
			a. 5%	\$29,675.00 √
			b	
			c. Total Retainage (Line 5a + Line 5b)	S29.675.00 √
			6. AMOUNT ELIGIBLE TO BATE (Line 4 - Line Sc)	\$563,825.00 🗸
TOTALS		1	7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$\$35,325.00 🗸
NET CHANGE BY			8. AMOUNT DUE THIS APPLICATION	\$28,500.00 1
CHANGE ORDERS			9. BALANCE TO FINISH, PLUS RETAINAGE	
			(Column G on Progress Estimate + Line 5 shove)	690 675 AD

(Column G on Progress Estimate + Line 5 above)...... \$29.675.00 V

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered b prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Date:

	Payment of:	s <u>28,500</u> . °° (Line 8 or other - attach explanation of the other a	mount)
by of Lby	is recommended by:	aftra 12	(Delse)
	Payment of:	\$	
	is approved by:		(Date)
	Approved by:		(Date)

Endorsed by the Construction Specifications Institute,

EICDC C-620 Contractor's Application for Payment O 2007 National Society of Professional Engineers for EJCDC. All rights reserved. Dama 1 afA

Progress Estimate

Contractor's Application

For (contract): City of Washington Interior & Exterior Recoating - Clay St. & Enduro Water Storage Tanks				Application Number: 4			
Application Period:	THE NU & DALLAST PREDERING - CHAT OF & DEGES OF WE	AL DOMALY ANDRE		Application Date:	12/16/2022		- # P
	A	B	Work	Completed	E	5 mars	G
Item			С	D	Materials Presently	Total Completed	Balance to Finish
Specification Section Nó.	, a		Previous Application	This Period	Stored (not in C or D)	and Stored to Date (C+D+E)	•
for the second states of					//	6327.000 00	1
1	cia: street tank	\$317,900.00	\$287,900.00	530 000.00 1	<u> </u>	\$317,900.00 V 108.0% \$275,560.00 100.0%	
2	eaduro tank	\$175,600,00	\$275,600.00			\$275,599.00 109.0%	
							<u> </u>
							1
							1
							ļ
						····	
	Totab .	\$593,500.00	\$\$63,500.00	530,000.00		\$593,500.00 🗸	1

Memorandum

TO:	Darren Lamb, City Administrator
	Board of Public Works
FROM:	Kevin Quaethem, Public Works Superintendent
DATE:	January 24, 2023
RE:	Work Performed by the Water and Wastewater Departments

STATUS OF MAJOR CONTRACTS – DECEMBER 2022

PROJECT	VENDOR	CONTRACT AMOUNT	PREVIOUSLY APPROVED	CURRENTLY APPROVED	BALANCE
Enduro & Clay St	(Did DOR		ATTROVED	ATTRO TED	DITERTOL
Water Storage Tanks	Cochran Eng.	\$54,000.00	\$49,287.87	\$0	\$ 4,712.13
Interior & Exterior	Worldwide				
Recoating - Clay St	Industries				
& Enduro Tanks	Corp	\$593,500.00	\$535,325.00	\$28,500.00	\$29,675.00
Southpoint Ground					
Water Storage Tank	Cochran Eng.	\$74,960.00	\$29,984.00	\$7,496.00	\$37,480.00

DECEMBER 2022

Water Pumped.	. 38,535,639 gallons, 1.24 mgd
Wastewater Effluent Flow.	
Missouri One Call Locate messages	
Meters Issued as New.	4
Meters Replaced	0
Meters Issued for Irrigation systems	
Service Requests/Meter Appts./Work Orders	
Sewer Routines	
Delinquent Accounts shut off	0

WATER DEPARTMENT FIELD WORK PERFORMED – DECEMBER 2022

- 1. Shop Maintenance
- 2. Meter/Swapping/Repair
- 3. Check Wells/Lift Stations/Heaters
- 4. Water break at Madison

- 5. Water leak at Whitley
- 6. Water break at 815 West 7th
- 7. Water break at 715 Elm Street

WASTEWATER DEPARTMENT FIELD WORK PERFORMED – DECEMBER 2022

- 1. Sewer Routines
- 2. Manhole Inspections
- 3. Daily Lab work and Routines
- 4. Clean Process Filters
- 5. Clean belt press
- 6. Store sludge in drying beds

- 7. Sewer back up at 311 Meadow
- 8. Sewer back up at Fair Street
- 9. Sewer back up at Elm Street
- 10. Sewer back up at 1st Parkway

- **<u>ROUTINE FIELD WORK</u>**
- 1. Performed rereads as necessary.
- 2. Performed read-outs on meters (persons moving in and out)
- 3. Installed reading device receptacles on houses where new/replacement meters were installed.
- 4. Issued meters and materials to contractors, owners, etc.
- 5. Took necessary water samples of the distribution system.
- 6. Maintenance on Wells
- 7. Flushed hydrants scheduled routine flushing.
- 8. Wastewater lab work.
- 9. Root-sawed and/or cleaned sewer lines where necessary.
- 10. Hauled sludge.
- 11. Televised sewer lines.
- 12. Performed river gauge measurement.
- 13. Performed sewer and water service main inspections.
- 14. Located water and sewer lines.
- 15. Monitored construction of water and sewer mains in new developments.
- 16. Responded to service call requests.
- 17. Invoiced for meters, materials and other charges as necessary.
- 18. Performed maintenance and repairs on buildings, vehicles, and equipment.



City of Washington, MO

Budget Report

Account Summary

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original	Current	Period	Fiscal	Variance Favorable	Percent
		Total Budget	Total Budget	Activity	Activity	(Unfavorable)	
Fund: 400 - WATER FUND						, ,	Ū
Revenue							
400-35-000-450600	Penalties/Interest Charges	20,000.00	20,000.00	2,059.78	5,982.90	-14,017.10	70.09 %
400-35-000-450900	Revenues-All Other	15,000.00	15,000.00	300.00	9,916.77	-5,083.23	33.89 %
400-35-000-453100	Water Sales	1,870,000.00	1,870,000.00	142,565.07	481,616.68	-1,388,383.32	74.25 %
400-35-000-453200	Water Meter Sales	40,000.00	40,000.00	1,354.92	4,634.47	-35,365.53	88.41 %
400-35-000-453500	Connection Charges	70,000.00	70,000.00	4,400.00	12,200.00	-57,800.00	82.57 %
400-35-000-453550	Tap Charges	1,000.00	1,000.00	100.00	200.00	-800.00	80.00 %
400-35-000-453600	Labor & Equipment Charges	1,300.00	1,300.00	0.00	0.00	-1,300.00	100.00 %
400-35-000-453700	Miscellaneous Materials Sold	3,000.00	3,000.00	1,331.11	1,331.11	-1,668.89	55.63 %
400-35-000-461200	Rent/Lease-Municipal Property/Bui	35,610.00	35,610.00	4,828.73	14,149.26	-21,460.74	60.27 %
400-35-000-480000	Investment Income	10,000.00	10,000.00	0.00	1,048.88	-8,951.12	89.51 %
	Revenue Total:	2,065,910.00	2,065,910.00	156,939.61	531,080.07	-1,534,829.93	74.29%
Expense							
400-35-000-510100	Salaries/Wages-Regular	460,990.00	460,990.00	28,587.86	94,969.56	366,020.44	79.40 %
400-35-000-510150	Elected Board Officials Compensati	200.00	200.00	100.00	100.00	100.00	50.00 %
400-35-000-510300	Salaries/Wages-Overtime	21,170.00	21,170.00	817.55	1,265.78	19,904.22	94.02 %
400-35-000-511100	FICA Taxes	36,870.00	36,870.00	2,150.30	7,004.25	29,865.75	81.00 %
400-35-000-511300	Health Insurance	91,400.00	91,400.00	6,204.12	19,500.18	71,899.82	78.67 %
400-35-000-511400	Dental Insurance	4,910.00	4,910.00	340.30	1,076.57	3,833.43	78.07 %
400-35-000-511600	Life Insurance	680.00	680.00	38.76	122.82	557.18	81.94 %
400-35-000-511700	LAGERS Retirement Plan	29,880.00	29,880.00	1,739.38	5,643.05	24,236.95	81.11 %
400-35-000-512605	Employee Incentive Program	450.00	450.00	360.00	360.00	90.00	20.00 %
400-35-000-512700	HRA Deductible	9,990.00	9,990.00	0.00	2,761.03	7,228.97	72.36 %
400-35-000-520250	Administration, Finance & IT Depar	159,600.00	159,600.00	0.00	26,600.00	133,000.00	83.33 %
400-35-000-520300	Technical Services	28,320.00	28,320.00	1,612.28	3,774.84	24,545.16	86.67 %
400-35-000-520400	Other Contracted Services	156,650.00	156,650.00	1,533.34	32,804.32	123,845.68	79.06 %
400-35-000-521540	Uniform Cleaning Service	1,900.00	1,900.00	225.48	457.84	1,442.16	75.90 %
400-35-000-521560	Building Repair & Maintenance	15,000.00	15,000.00	96.00	267.05	14,732.95	98.22 %
400-35-000-521620	Equipment Repair & Maintenance	15,000.00	15,000.00	1,366.81	1,420.81	13,579.19	90.53 %
400-35-000-521630	Vehicle Repair & Maintenance	16,800.00	16,800.00	1,548.43	1,573.43	15,226.57	90.63 %
400-35-000-521635	Water System Repair & Maintenanc	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00 %
400-35-000-521636	Well Pump Repair & Maintenance	22,700.00	22,700.00	0.00	0.00	22,700.00	100.00 %
400-35-000-521640	Equipment Rental	2,000.00	2,000.00	24.64	73.92	1,926.08	96.30 %
400-35-000-522100	Advertising	500.00	500.00	0.00	37.50	462.50	92.50 %
400-35-000-522200	Property, Liability & Casualty Insura	45,000.00	45,000.00	0.00	5,298.62	39,701.38	88.23 %
400-35-000-522210	Self-Insurance Deductible	500.00	500.00	104.55	475.49	24.51	4.90 %
400-35-000-522300	Printing/Duplicating	2,300.00	2,300.00	2,175.39	2,175.39	124.61	5.42 %
400-35-000-522400	Telephone	5,000.00	5,000.00	303.54	1,348.37	3,651.63	73.03 %
400-35-000-522500	Training/Seminars	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00 %
400-35-000-522600	Travel	2,000.00	2,000.00	0.00	451.28	1,548.72	77.44 %
400-35-000-522700	Professional Dues & Memberships	4,200.00	4,200.00	1,633.00	1,633.00	2,567.00	61.12 %
400-35-000-522900	Postage	14,000.00	14,000.00	1,034.00	3,102.00	10,898.00	77.84 %
<u>400-35-000-522950</u> 400-35-000-530100	Credit Card Fees	22,000.00	22,000.00	1,741.68	5,748.51	16,251.49	73.87 %
400-35-000-530410	Subscriptions	0.00	0.00	0.00	29.98	-29.98	0.00 %
	Parts-Vehicle	5,000.00	5,000.00	55.68	911.89	4,088.11	81.76 %
<u>400-35-000-530415</u> 400-35-000-530420	Parts-Equipment	10,000.00	10,000.00	64.49 61.12	2,454.77 263.01	7,545.23 936.99	75.45 % 78.08 %
400-35-000-530500	Office Supplies	1,200.00	1,200.00 30,000.00	1,248.00			78.08 % 93.56 %
400-35-000-530600	Asphalt/Rock/Cement Straw/Seeding/Plants	30,000.00 500.00	30,000.00 500.00	1,248.00 36.00	1,932.35 36.00	28,067.65 464.00	93.56 % 92.80 %
400-35-000-530700	Straw/Seeding/Plants Uniforms & Clothing	3,200.00	3,200.00	315.00	686.46	2,513.54	92.80 % 78.55 %
400-35-000-530800	General Supplies	6,000.00	6,000.00	1,012.69	2,364.87	3,635.13	60.59 %
	General Supplies	0,000.00	0,000.00	1,012.03	2,304.07	5,055.15	00.3370

Budget Report

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
400-35-000-531110	Electricity	180,000.00	180,000.00	12,281.00	27,549.81	152,450.19	84.69 %
400-35-000-531120	Heating Fuel	3,000.00	3,000.00	583.64	976.90	2,023.10	67.44 %
400-35-000-531300	Gasoline & Oil	24,000.00	24,000.00	0.00	5,961.80	18,038.20	75.16 %
400-35-000-532100	Meters & Hydrants	63,200.00	63,200.00	2,676.85	15,974.91	47,225.09	74.72 %
400-35-000-532200	Pipe & Fittings	38,200.00	38,200.00	864.60	864.60	37,335.40	97.74 %
400-35-000-533100	Chemicals	15,000.00	15,000.00	1,255.16	5,134.33	9,865.67	65.77 %
400-35-000-533300	Janitorial Supplies	200.00	200.00	0.00	15.80	184.20	92.10 %
400-35-000-534100	Depreciation Expense	430,000.00	430,000.00	0.00	0.00	430,000.00	100.00 %
400-35-000-534200	SmallTools/Equipment/Furnishings	50,430.00	50,430.00	2,335.37	8,185.87	42,244.13	83.77 %
400-35-000-541100	Improvements Other Than Building	692,000.00	724,900.00	0.00	11,244.00	713,656.00	98.45 %
400-35-000-541110	Water System Improvements	300,000.00	300,000.00	0.00	9,934.60	290,065.40	96.69 %
400-35-000-542100	Vehicles	45,000.00	45,000.00	0.00	0.00	45,000.00	100.00 %
400-35-000-542200	Machinery & Equipment	55,000.00	55,000.00	0.00	0.00	55,000.00	100.00 %
400-35-000-559110	Interest Expense	123,000.00	123,000.00	0.00	0.00	123,000.00	100.00 %
400-35-000-559140	Amortization Bond Issuance Costs	-44,920.00	-44,920.00	0.00	0.00	-44,920.00	100.00 %
400-35-000-559200	Bond/Note Principal	253,000.00	253,000.00	0.00	0.00	253,000.00	100.00 %
	Expense Total:	3,462,520.00	3,495,420.00	76,527.01	314,567.56	3,180,852.44	91.00%
	Fund: 400 - WATER FUND Surplus (Deficit):	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51	115.15%
	Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51	115.15%

Budget Report

Group Summary

		Original	Current	Period	Fiscal	Variance Favorable	Percent
Account Type		Total Budget	Total Budget	Activity	Activity	(Unfavorable)	Remaining
Fund: 400 - WATER FUN	ID						
Revenue		2,065,910.00	2,065,910.00	156,939.61	531,080.07	-1,534,829.93	74.29%
Expense		3,462,520.00	3,495,420.00	76,527.01	314,567.56	3,180,852.44	91.00%
	Fund: 400 - WATER FUND Surplus (Deficit):	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51	115.15%
	Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51	115.15%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
400 - WATER FUND	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51
Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	80,412.60	216,512.51	1,646,022.51



City of Washington, MO

Budget Report

Account Summary

For Fiscal: 2022-2023 Period Ending: 12/31/2022

					Variance		
		Original	Current	Period	Fiscal	Favorable	Percent
		Total Budget	Total Budget	Activity	Activity	(Unfavorable)	Remaining
Fund: 410 - SEWAGE TREATM	ENT FUND						
Revenue							
410-36-000-434600	Sanitary Sewer District	0.00	0.00	5,402.42	20,122.95	20,122.95	0.00 %
410-36-000-450600	Penalties/Interest Charges	30,000.00	30,000.00	2,737.47	7,826.74	-22,173.26	73.91 %
410-36-000-450900	Revenues-All Other	0.00	0.00	0.00	4,558.45	4,558.45	0.00 %
410-36-000-454100	Sewer Service Charges	2,500,000.00	2,500,000.00	205,546.19	620,630.37	-1,879,369.63	75.17 %
410-36-000-454125	Surcharge Fees	15,000.00	15,000.00	5,583.57	9,118.33	-5,881.67	39.21 %
410-36-000-454150	Leachate Disposal Charge	40,000.00	40,000.00	2,040.00	3,400.00	-36,600.00	91.50 %
410-36-000-454200	Sewer Connection Charges	80,000.00	80,000.00	6,604.30	17,652.30	-62,347.70	77.93 %
410-36-000-480000	Investment Income	3,000.00	3,000.00	0.00	0.00	-3,000.00	100.00 %
410-36-000-480200	Investment IncomeBond Acct.	230,000.00	230,000.00	0.00	0.00	-230,000.00	100.00 %
	Revenue Total:	2,898,000.00	2,898,000.00	227,913.95	683,309.14	-2,214,690.86	76.42%
Expense							
410-36-000-510100	Salaries/Wages-Regular	231,250.00	231,250.00	19,985.45	60,187.39	171,062.61	73.97 %
410-36-000-510300	Salaries/Wages-Overtime	9,030.00	9,030.00	46.63	445.41	8,584.59	95.07 %
410-36-000-511100	FICA Taxes	18,380.00	18,380.00	1,490.86	4,502.06	13,877.94	75.51 %
410-36-000-511300	Health Insurance	43,440.00	43,440.00	3,763.20	11,289.60	32,150.40	74.01 %
410-36-000-511400	Dental Insurance	2,600.00	2,600.00	226.08	678.21	1,921.79	73.92 %
410-36-000-511600	Life Insurance	320.00	320.00	30.31	90.95	229.05	71.58 %
410-36-000-511700	LAGERS Retirement Plan	14,890.00	14,890.00	1,241.97	3,759.20	11,130.80	74.75 %
410-36-000-512605	Employee Incentive Program	150.00	150.00	160.00	160.00	-10.00	-6.67 %
410-36-000-512700	HRA Deductible	4,590.00	4,590.00	0.00	0.00	4,590.00	100.00 %
410-36-000-520250	Administration, Finance & IT Depar	112,030.00	112,030.00	0.00	18,671.66	93,358.34	83.33 %
410-36-000-520300	Technical Services	20,160.00	20,160.00	520.28	4,177.84	15,982.16	79.28 %
410-36-000-520400	Other Contracted Services	34,150.00	34,150.00	4,449.33	5,767.95	28,382.05	83.11 %
410-36-000-521540	Uniform Cleaning Service	900.00	900.00	80.74	247.98	652.02	72.45 %
410-36-000-521560	Building Repair & Maintenance	500.00	500.00	96.00	147.05	352.95	70.59 %
410-36-000-521620	Equipment Repair & Maintenance	27,000.00	27,000.00	360.00	680.00	26,320.00	97.48 %
410-36-000-521630	Vehicle Repair & Maintenance	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00 %
410-36-000-521640	Equipment Rental	2,000.00	2,000.00	6,342.64	6,391.92	-4,391.92	-219.60 %
410-36-000-522100	Advertising	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-000-522200	Property, Liability & Casualty Insura	22,600.00	22,600.00	0.00	2,612.34	19,987.66	88.44 %
410-36-000-522210	Self-Insurance Deductible	300.00	300.00	0.00	0.00	300.00	100.00 %
410-36-000-522300	Printing/Duplicating	800.00	800.00	1,047.98	1,047.98	-247.98	-31.00 %
410-36-000-522400	Telephone	2,600.00	2,600.00	113.55	461.15	2,138.85	82.26 %
410-36-000-522410	Telephone-Alarm Control	3,000.00	3,000.00	0.00	150.12	2,849.88	95.00 %
410-36-000-522500	Training/Seminars	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
410-36-000-522600	Travel	700.00	700.00	0.00	451.26	248.74	35.53 %
410-36-000-522700	Professional Dues & Memberships	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-000-522900	Postage	6,000.00	6,000.00	517.00	1,551.00	4,449.00	74.15 %
410-36-000-522950	Credit Card Fees	22,000.00	22,000.00	1,741.68	5,748.50	16,251.50	73.87 %
410-36-000-530200	Lab Supplies	2,450.00	2,450.00	0.00	0.00	2,450.00	100.00 %
410-36-000-530410	Parts-Vehicle	5,500.00	5,500.00	94.23	4,626.30	873.70	15.89 %
410-36-000-530415	Parts-Equipment	7,500.00	7,500.00	358.69	668.69	6,831.31	91.08 %
<u>410-36-000-530420</u> 410-36-000-530500	Office Supplies	750.00	750.00	30.71	213.16	536.84	71.58 %
	Asphalt/Rock/Cement	10,000.00	10,000.00	0.00	125.03	9,874.97	98.75 %
410-36-000-530600	Straw/Seeding/Plants	500.00	500.00	180.00	225.50	274.50	54.90 %
<u>410-36-000-530700</u> <u>410-36-000-530800</u>	Uniforms & Clothing	1,000.00	1,000.00 3,050.00	0.00 182.86	0.00 607.36	1,000.00 2,442.64	100.00 % 80.09 %
410-36-000-531110	General Supplies	3,050.00	D				
410-36-000-531110	Electricity Heating Fuel	44,000.00 3,000.00	44,000.00	3,393.56 583.63	6,510.70 976.88	37,489.30	85.20 % 67.44 %
410-36-000-531300	Gasoline & Oil	3,000.00	3,000.00 16,000.00	0.00	976.88 4,449.44	2,023.12 11,550.56	67.44 % 72.19 %
.10 00 000 001000		10,000.00	10,000.00	0.00	7,773.94	11,000.00	,2.13/0

Budget Report

For Fiscal: 2022-2023 Period Ending: 12/31/2022

				Variance			
		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Favorable (Unfavorable)	Percent Remaining
410-36-000-532200	Pipe & Fittings	7,200.00	7,200.00	0.00	4,133.31	3,066.69	42.59 %
410-36-000-532270	Manhole Replacement Program	15,000.00	15,000.00	0.00	4,155.51	15,000.00	100.00 %
410-36-000-533100	Chemicals	1,200.00	1,200.00	0.00	0.00	1,200.00	100.00 %
410-36-000-533300	Janitorial Supplies	400.00	400.00	0.00	15.79	384.21	96.05 %
410-36-000-534100	Depreciation Expense	275,000.00	275,000.00	0.00	0.00	275,000.00	100.00 %
410-36-000-534200	SmallTools/Equipment/Furnishings	39,300.00	39,300.00	212.17	4,620.02	34,679.98	88.24 %
410-36-000-541100	Improvements Other Than Building	250,000.00	250,000.00	0.00	0.00	250,000.00	100.00 %
410-36-000-541120	Sanitary Sewer System Improveme	30,000.00	30,000.00	0.00	0.00	30,000.00	100.00 %
410-36-000-542100	Vehicles	45,000.00	45,000.00	0.00	0.00	45,000.00	100.00 %
410-36-000-542200	Machinery & Equipment	155,660.00	159,100.00	0.00	0.00	159,100.00	100.00 %
410-36-000-559200	Bond/Note Principal	1,055,000.00	1,055,000.00	0.00	0.00	1,055,000.00	100.00 %
410-36-361-510100	Salaries/Wages-Regular	270,080.00	270,080.00	16,257.25	48,771.72	221,308.28	81.94 %
410-36-361-510300	Salaries/Wages-Overtime	9,900.00	9,900.00	3.77	1,504.78	8,395.22	84.80 %
410-36-361-511100	FICA Taxes	21,410.00	21,410.00	1,179.68	3,641.70	17,768.30	82.99 %
410-36-361-511300	Health Insurance	62,390.00	62,390.00	3,331.39	9,994.18	52,395.82	83.98 %
410-36-361-511400	Dental Insurance	3,010.00	3,010.00	169.48	508.44	2,501.56	83.11 %
410-36-361-511600	Life Insurance	380.00	380.00	22.67	68.03	311.97	82.10 %
410-36-361-511700	LAGERS Retirement Plan	17,360.00	17,360.00	1,008.17	3,117.12	14,242.88	82.04 %
410-36-361-512605	Employee Incentive Program	300.00	300.00	120.00	120.00	180.00	60.00 %
410-36-361-512700	HRA Deductible	6,240.00	6,240.00	0.00	477.55	5,762.45	92.35 %
410-36-361-520250	Administration, Finance & IT Depar	112,030.00	112,030.00	0.00	18,671.66	93,358.34	83.33 %
410-36-361-520300	Technical Services	17,500.00	17,500.00	1,727.76	3,941.46	13,558.54	77.48 %
410-36-361-520400	Other Contracted Services	29,400.00	29,400.00	250.00	1,618.12	27,781.88	94.50 %
410-36-361-521540	Uniform Cleaning Service	1,200.00	1,200.00	58.08	174.24	1,025.76	85.48 %
410-36-361-521560	Building Repair & Maintenance	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
410-36-361-521620	Equipment Repair & Maintenance	141,000.00	141,000.00	485.00	680.00	140,320.00	99.52 %
410-36-361-521630	Vehicle Repair & Maintenance	4,000.00	4,000.00	0.00	1,341.76	2,658.24	66.46 %
410-36-361-521640	Equipment Rental	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-361-522200	Property, Liability & Casualty Insura	29,200.00	29,200.00	0.00	3,485.18	25,714.82	88.06 %
410-36-361-522210	Self-Insurance Deductible	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-361-522300	Printing/Duplicating	1,000.00	1,000.00	1,047.98	1,047.98	-47.98	-4.80 %
410-36-361-522400	Telephone	4,100.00	4,100.00	-89.13	1,872.84	2,227.16	54.32 %
410-36-361-522500	Training/Seminars	800.00	800.00	0.00	0.00	800.00	100.00 %
410-36-361-522600	Travel	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-361-522700	Professional Dues & Memberships	200.00	200.00	0.00	0.00	200.00	100.00 %
410-36-361-522900	Postage	6,000.00	6,000.00	517.00	1,564.05	4,435.95	73.93 %
410-36-361-530200	Lab Supplies	7,000.00	7,000.00	0.00	218.71	6,781.29	96.88 %
410-36-361-530410	Parts-Vehicle	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
410-36-361-530415	Parts-Equipment	59,400.00	59,400.00	84.67	22,230.78	37,169.22	62.57 %
410-36-361-530420	Office Supplies	200.00	200.00	0.00	0.00	200.00	100.00 %
410-36-361-530500	Asphalt/Rock/Cement	5,000.00	5,000.00	0.00	920.07	4,079.93	81.60 %
410-36-361-530600	Straw/Seeding/Plants	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-361-530700	Uniforms & Clothing	800.00	800.00	94.99	94.99	705.01	88.13 %
410-36-361-530800	General Supplies	1,800.00	1,800.00	0.00	215.94	1,584.06	88.00 %
410-36-361-531110	Electricity	188,000.00	188,000.00	13,034.83	25,647.68	162,352.32	86.36 %
410-36-361-531120	Heating Fuel	20,000.00	20,000.00	4,240.46	7,665.25	12,334.75	61.67 %
410-36-361-531300	Gasoline & Oil	4,000.00	4,000.00	0.00	2,555.00	1,445.00	36.13 %
410-36-361-532200	Pipe & Fittings	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-361-533100	Chemicals	25,300.00	25,300.00	0.00	2,178.00	23,122.00	91.39 %
410-36-361-534100	Depreciation Expense	925,000.00	925,000.00	0.00	0.00	925,000.00	100.00 %
410-36-361-534200	Small Tools/Equipment/Furnishings	14,450.00	14,450.00	1,561.56	4,691.99	9,758.01	67.53 %
410-36-361-541100	Improvements other than Buildings	210,000.00	210,000.00	0.00	0.00	210,000.00	100.00 %
410-36-361-542200	Machinery & Equipment	141,460.00	141,460.00	0.00	0.00	141,460.00	100.00 %
410-36-361-542300	Furniture & Fixtures	30,000.00	30,000.00	0.00	0.00	30,000.00	100.00 %
410-36-361-559110	Interest Expense	369,200.00	369,200.00	0.00	0.00	369,200.00	100.00 %
410-36-361-559120	Agent Fees	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
	-	,			0.00	_ 3,000.00	

Budget Report

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
410-36-361-55913	O Amortization of Bond Discount/Pre	-18,800.00	-18,800.00	0.00	0.00	-18,800.00	100.00 %
	Expense Total:	5,336,710.00	5,340,150.00	92,355.16	325,410.97	5,014,739.03	93.91%
Fund: 4	10 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17	114.66%
	Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17	114.66%

Budget Report

Group Summary

Account Type	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 410 - SEWAGE TREATMENT FUND						
Revenue	2,898,000.00	2,898,000.00	227,913.95	683,309.14	-2,214,690.86	76.42%
Expense	5,336,710.00	5,340,150.00	92,355.16	325,410.97	5,014,739.03	93.91%
Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17	114.66%
Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17	114.66%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
410 - SEWAGE TREATMENT FUND	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17
Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	135,558.79	357,898.17	2,800,048.17

Missouri Department of Natural Resources Division of Environmental Quality Microbiological Analysis Report

P.O. Box 176 Jefferson City, MO 65102 314--751-5331

Street Addre	SS ADE Laff				-	Franklin	County La	b	
	405 Jeffe	erson Stre			7419 Hwy 47 Ste. A Union, MO				
City	Washington		Zip Code	63090	Certification Number				
County	Franklin	I.D. Number	MO6010	MO6010838		0	0700		
Date M/D/Y	Collection Point		Sample Type	Location Code	Sample Re Coliform	sults E-coli	Chlorine Re Total	sidual Free	
12.6.22	4 Chamb		R	R-3	A	A	0.59	0.63	
12.6.22	1899 PhoenixCen	eronke	R	R-9	A	A	0.56	0.54	
12.6.22	6354 Bluff		R	R-18	A	A	0.22	0.37	
12.6.22	1651 W 5th	and the second se	R	R-16	A	A	0.46	0.61	
12.6.22	105 Wash. Hg	hts Dr	R	R-6	A	A	0.91	0.57	
12.13.22	1220 Lakeshore		R	R-1	A	A	1.07	1.03	
12.13.22	1811 E 9th St		R	R-10	A	A	0.32	0.28	
12.13.22	405 Jefferso	on St	R	R-4	A	A	0.79	0.75	
12.13.22	515 Washington	on Ave	R	R-2	A	A	0.76	0.69	
12.13.22	1901 W M	ain	R	R-17	A	A	0.42	0.39	
12.20.22	404 E 2nd	St	R	R13	A	A	0.94	0.95	
12.20.22	1 Nick Rid	ge	R	R-15	A	A	0.28	0.22	
12.20.22	519 Washingt	on Ave	R	R-12	A	A			
12.20.22	550 E 14th	St	R	R-5	A	A	0.38	0.38	
12.20.22	1 Scenic		R	R-11	A	A	0.72	0.53	
12.19.22	Clay St Ta	nk	S		A	A	0.84	0.76	
Total David	tine Samples: 15			Signed: Kri	sten Widemar	1	Date: 12.	.21.22	

30

Missouri Department of Natural Resources Division of Environmental Quality Microbiological Analysis Report P.O. Box 176 Jefferson City, MO 65102 314--751-5331

Public Water S	Washington Water Dept.					ame			
Street Address	Hwy 4	7			Franklin C			7419	
City V	/ashington		Zip Code	63090	Hwy 47 Ste. A Union, MO 63084 Certification Number				
County Warren I.D. Number		MO6220	265	00700					
Date M/D/Y	Collection Poir	nt	Sample Type	Location Code	Sample Results Coliform E-coli		Chlorine Re Total	esidual Free	
12.20.22	Hwy 47 S	Hwy 47 South		R-1A	A	A	0	0	
							_		
							_		
	e Samples:			1.12	isten Wideman		Date 12.	21.22	
Monitoring Vi MCL Violation	olation Yes			Title:	Lab Assis	tant			



Architecture • Civil Engineering • Land Surveying • Site Development • Geotechnical Engineering • Inspection & Materials Testing

PROJECT STATUS REPORT

- TO: City of Washington
- CC: Kevin Quaethem, John Nilges
- FROM: T.J. Garbs
- DATE: December 29, 2022
- RE: Southpoint Ground Water Storage Tank Cochran Project No. 22-9079

UPDATE

- A Geotechnical Study was performed to determine the soil's bearing capacity at the site. Five (5) boring locations around the perimeter and center of the tank were staked and bored. The Geotechnical Report with the results has been finished and submitted to the City for their review.
- The FAA is requesting the City submit for a study to be performed on the tank and its location. The FAA study is expected to be finished in 30-60 days. This should not prevent the City from releasing plans to the Contractors in February. Cochran has submitted an application to FAA to begin the study.
- Anticipated project schedule is as follows:

Release Plans to Contractors	February 1, 2023
Bid Opening	March 2, 2023
Award Contract	March 23, 2023
Notice to Proceed	April 6, 2023
Construction Complete	November 30, 2023

8 East Main Street Wentzville, MO 63385 Phone: 636-332-4574 Fax: 636-327-0760 737 Rudder Road Fenton, MO 63026 Phone: 314-842-4033 Fax: 314-842-5957 530A East Independence Drive Union, MO 63084 Phone: 636-584-0540 Fax: 636-584-0512 1163 Maple Street Farmington, MO 63640 Phone: 573-315-4810 Fax: 573-315-4811 2804 N. Biagio Street Ozark, MO 65721 Phone: 417-595-4108 Fax: 417-595-4109 905 Executive Drive Osage Beach, MO 65065 Phone: 573-525-0299 Fax: 573-525-0298

www.cochraneng.com