

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday February 28, 2023

The Regular Meeting of the Board of Public Works held on February 28, 2023 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	Absent
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	Present

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. Mitchell and seconded by Mr. Radetic to approve the minutes from the regular meeting held January 24, 2023 meeting. The motion passed without dissent.

Priority Items

None

Wastewater

We will start with the audit that DNR conducted for our industrial monitoring. Every three years we get a major sanitary survey where they come in and look at everything that we are doing on the collection side and the wastewater side and at the plant and the industrial monitoring. Every year and a half in between that, they do an audit to make sure we are following what we are supposed to be doing. We got letters of warning, for this round, on something that I really don't like and I am going to change it. Let us go through these warnings one by one. This is just a warning; this is not a violation, and this is not a penalty. There are no fines.

Number 1 – CA monitoring equipment pertaining to getting the pH readings from the factories at the time of inspection. We always would go out to the factory and grab a sample, run it back to the lab and use our lab pH meter to test it. We have a 15-minute window to get that done. We can get from the west end of town to the treatment plant in 15 minutes. This inspector feels that that is not adequate enough and we should have a pocket pH reader. We went ahead and bought an \$250 pocket pH reader. We would have to have video evidence that we left at this time and show that we made it back to the treatment plant in 15 minutes. Not worth the argument and we went out and got the pH reader. No further action is required because we had it when he came back to do a second inspection.

We have to remember that everything rolls downhill. EPA governs all bodies. They hand down to DNR their requirements that they are supposed to govern all of us. There are certain things that they haven't pushed too hard on. The EPA is stepping down real hard on the DNR, saying this is the Clean Water Act and you are not following it the way we feel you should be following it which means your people are not following it the way they should be following it. They are getting more stringent on it. We could continue doing it the way that we have been doing it but we would have to have proof that we are making it from point A to point B in 15 minutes and it is not worth it to me, not for \$250. We now have a portable pH reader.

Number 2 – The evaluation of applicable categorical standards for CIU Shure Manufacturing. He doesn't feel that our permits are required of us to the users. The reason for that is our permits are driven off of the daily usage of the process, the water usage on the process. We took the water that came into the building off the water meter to determine the daily usage and we used that to build our permits. This inspector doesn't feel like that is accurate enough. He wants us to get daily readings and use this to generate our permits. It could change the requirements of each users permit. Knowing exactly what the flow is out of their process could loosen their requirements or strengthen their requirements. So basically, number two is that we were not using actual numbers to build our permits. When we did our permits in 2020 they were reviewed by the Industrial monitoring director at DNR and they were approved this way. Now we have a new director and new inspectors and we are doing the "this is our opinion" kind of thing. We are not violating anything, we are just not doing it the way they feel we should be doing it. They want us to measure the actual flow that is going into whatever process. M&R Plating has a new pre-treatment process at the plant that has a flow meter on it that shows how much water is actually going through that process which in return, says how much discharge is coming out. They already have that, we just haven't been using that to say how much water they were using.

The process was set up in the 70's and it was always this way. We already know they have the meters there so we are just going to start gathering information from them. It is really not a burden for the industries because in their permits they have to monitor daily flow. It's just that we are not getting that information from them and using that information. All this stuff is really easy to fix. We are already in the process of taking care of that. Gary has been meeting with the industries. I have been working with Cochran Engineering who is our engineering firm that does our industrial monitoring paperwork and permits. It is a long drawn out ordeal to do that.

Number 3 – This one says that we didn't do the sampling types. There is two different types of samples that can be drawn from the industries. It is either a composite sample or a grab sample. A grab sample is when you literally take a bottle, and you grab a sample and you go with it. A composite is when it goes through a sampler and it takes five days, and it draws a little bit and then it draws a little bit and that becomes the composite. One of our reports, I think it was M&R Plating, it wasn't written down whether it was a composite or a grab. We missed that down at the plant. He caught that and it was a letter of warning because it wasn't written down. Easy fix, from now on Gary is going to look through every page and make sure that there is either a composite or a grab. It's just another thing that they are going to have to watch for down at the plant.

Number 4 – It is what we recorded in our report for the permits is an X amount of flow daily. What we are reporting now, because we are getting more accurate numbers from M&R Plating, is a lower flow that what we say we are regulating them on. All this has to do with the flows and how we are regulating the industries for what they have to monitor for. I have to work with Cochran because we have to do a flow data analysis on every industry. That means we have to go in and see how many employees they have and put 50 gallons per day on those people. We have see what type of facilities they have, number of bathrooms and number of sinks. Or we can go to every industry, and we work with them to make sure they have a meter in their process and we use that number as the flow that they are using. That is the avenue that we are going to go down because if you don't do the calculation right, you still aren't doing it right. If you put a flow meter in, you are going to know what the flow is on the discharge. There was an A and B because A was M&R Plating and B was Shure. These are just two of the seven categorical ones. We have to do all of them.

Number 5 – As you can see there is no further action on it. When DNR came on the first visit, Shure Manufacturing didn't have a cover letter like M&R Plating, certifying that they use X amount of flow. It was in the file, but there wasn't the coversheet, it was just tucked into a sampling sheet that had the same wording. We took M&R Plating cover sheet and modified it for Shure Manufacturing and took it out to Shure Manufacturing and we said will you please sign this and add this to the file. So we will be looking at every industry to make sure we have that cover sheet. Because we didn't have the cover sheet, we had a letter of warning.

That is pretty much it on this letter of warning from DNR. I have to respond back by May 17, what you have here is what I am responding back with and with each one of them I wrote that we are working with Cochran Engineering. They will release this letter of warning and we will work through our stuff and get all the stuff into the permits. We will redo them if we have to and we will reissue them if we have to. We will make sure everything that we need is in the files for the next visit.

Is this community based because of our size? If a city has an industry that fits the criteria of the DNR's industrial monitoring requirements, then they have to have a permit. It is driven off of what that business is doing. We have a new one coming in and it will have a permit like M&R Plating because they do the same process. Fricks has a different permit because he is food based but because he gives us excessive BOD's and TSS's he falls into a different categorical standard but still falls under a permit. It is all driven off of the gallons of water per day used. If you use 350 gallons of water or more and your process fits that criteria, you have to have a industrial user permit.

If I gave you the 50 page report, you would see Oscar's suggestions on what we should do. We should be handing out a survey to every business in town and getting a result back on what their process is. Every business should have a questionnaire to know what they are doing. We already know what ¾ of them are doing; they are food based. I am going to get a form put together and give it to John so that whenever a business comes into town, that form can be handed to them and they can fill it out and let us know what their process is going to be. Moving forward, it will be new industries. They are scheduled to be back in 2023 next year for our full survey. They will come in and we will start at Public Works and go over the collection side. Are we inspecting manholes? What are we doing for I&I? We are already way ahead of the game on that because we have already spent hundreds of thousands of dollars on slip lining to eliminate that. They look at our records on how we check our lift stations and we will get a report on that on the collections side. Then we will go down to the treatment plant and they'll go through all the processes at the treatment plant. Then they will end up with the industrial monitoring, which they will pick two other businesses to look at. They always give us plenty of time on that, they send a big questionnaire way ahead to make sure you have all your ducks in a row. Then in 2024 we have our water sanitary survey. They will look at all of our records, make sure we are checking our wells everyday, making sure we are following all of our disinfection. Be ready, all of them we will have a letter of warning on something. Last time, we had a little bit of rust on one of our pipes in the well building. We fix that by painting it. They have to, and they will find something. This one here was just a little bit bigger because it was the industrial monitoring side which is extremely important but still nothing bad.

If anyone has been on the east end of town, if you look at our old plant, there is a whole lot of sludge waiting to be spread. We can't get out in the fields because it is too wet. Our belt press that we press the sludge with, has been down for two weeks. The gearbox is out on it. The belt press is a 6 foot wide belt that serpentine through the machine and the sludge comes out in a liquid form out of the mixers and we add polymer to it, which is a coagulant, and as it goes through the belt press it gets squished and removes 89% of the water out of it. At the end it becomes like a cake. Been working with the manufacturer, like everything, it is extremely hard to get anything. It is going to cost a little extra, but we are going to be getting a new gear box from the factory for around \$4000.00 with a \$1000.00 expediated fee to get it done quicker or we could get it in 22 weeks. We should be pressing sludge right now; our blankets and our clarifiers are starting to rise and if they get too high they start to flow over and we get a violation on the discharge side on the plant.

We are going to rebuild the drying bed that we have right now. We just haven't gotten there yet because other things are happening so we got to juggle what we spend our money on. I think we have \$200,000 in the budget this year and the last time I went out to find out how much it would be, it came in at \$250,000. I am holding off and I am hoping that the prices will go down a little

bit and we can get it done. The bed we have now works but it's old. It's a 1963 model drying bed. The bed was designed with a filtration system with these concrete pads that you are supposed to drive on to get in there to clean everything out. They have broken up and since deteriorated and its just time for a new pad. We are going to put a concrete slab in that has a different drain system; everything is going to be sloped to the front and it will go back to our wet well. It will all be concrete with push walls. We have to do a rate increase. We can't keep operating the way we are. That is why some things are put to the side. The plant was built in 2008 and put online in 2009. There are things that are starting to go out. The VFD's for the disc aerators for the pumps are all starting to go out. I have all of our VFD's replaced. We have one on order to be a back up sitting there when the next one goes out. It is 12-18 week turnaround on those to even get them back. If we lose equipment, we lose process and we got a problem.

Water

An invoice for Cochran Engineering for the work they have been doing getting the bids together for the Southpoint Storage tank. We should be receiving bids around mid-March. At that time, we will review them and bring them to you guys. Cochran Engineering feels like it is going to be pretty competitive. We might get some good numbers. We had a zoom conference meeting a week before last, and there were four tank builders involved in it. That means we will get some tight bids. There was some good discussion on how the design of the tank was and the tank builders brought up some ideas that could be beneficial for the city. The roof design, there were some trusses involved in the roof, the tank builders feel that Cochran can redesign the tank roof to make it more like Enduro to make it a self-supporting roof, rather than having the trusses. If you have trusses in there, that is always a point of failure, especially because we chlorinate. At any point in time, paint can chip off and then you start building rust and then you have a bigger problem. This will save money because less steel means less cost. There is mixing system going in that one, just like all the rest of them. There are several different types of mixing systems, basically it is a piece of pipe with a baffle at top that spreads the water around. It was brought up that the mixing system that was in the specs, which is called Tideflex, is a very expensive mixing system and there are new mixing systems that are a lot cheaper. We are going to evaluate that to see if we can't save some money. The tank is going to cost around \$2 million. In the mixing system alone, the tank companies are very confident in the fact that we can save at least \$100,000. Tideflex lost their patent so everyone can build what Tideflex builds so it's going to be exactly what Tideflex builds but it's going to be a different name.

A motion to pay Cochran in the amount of \$7,496.00 was made by Mr. Mitchell and seconded by Mr. Radetic. The motion passed without dissent.

We have a change order first, and then a final pay request. The change order for a deduct of \$573.60 to get the yard at Clay Street brought back up to what it was before they came in to paint Clay Street. If you remember when they did Clay Street it was pretty wet and they put some ruts in there. They tried to fix them when they left the first time and it wasn't adequate. I had Dylan go out for bids with Hillermann's and Town and Country. Town and Country was the lowest and so they will be fixing the yard so there is a deduct on the total amount of \$573.60 that we will use to pay for the yard work. The total of the project will be the same.

A motion to pay Worldwide Industries in the amount of \$29,101.40 was made by Mr. Mitchell and seconded by Mr. Radetic. The motion passed without dissent.

We are doing good, we have had some water main breaks. As we all know, the boring guys are going crazy around town. We have had some situations pop up throughout the process. Nothing really major except for yesterday, a new company came in and hit one of our water mains that was marked. They will be getting a bill for our truck time, tractor time, employee time, and overtime because the guys had to work late to do it. We will get reimbursed for that one.

Other

None

Old Business

None

Next Scheduled Meeting Date

The next scheduled meeting date is Tuesday March 28, 2023.

Adjourn

There being no further business the meeting adjourned on a motion by Mr. Mitchell and seconded by Mr. Radetic. 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

Memo

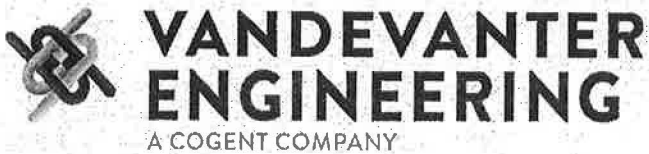
To: Board of Public Works
From: Kevin Quaethem, Public Works Superintendent
Date: 3/28/23
Re: Vandevanter Engineering – pay request

Attached is a pay request for \$16,155.12, Invoice #5558962, from Vandevanter Engineering for the pump repair at the Walnut Street Lift Station. Payment is recommended and the status is summarized below:

Contract Amount	\$16,155.12
Change Orders	<u>\$0.00</u>
Previous Pay Requests	\$0.00
Pay Request	<u>\$16,155.12</u>
Balance of Contract	<u>\$0.00</u>

Approved by: _____ Date: _____
John Vietmeier, Board of Public Works Chairman

INVOICE



INVOICE	
5558962	
Invoice Date	Page
03/06/2023	1 of 2
ORDER NUMBER	
1451055	

Bill To:
 City of Washington, MO
 4 Chamber Dr.
 Washington, MO 63090
 US

Ship To:
 City of Washington, MO
 #4 Chamber Dr
 Washington, MO 63090
 US

Attn: Invoices Statements
 Customer ID: 302337

Ordered By: Mr. Kerry Duke

PO Number	Term Description	Net Due Date	Disc Due Date	Discount Amount
VERBAL KERRY	Net 30	4/5/2023	4/5/2023	0.00

Order Date	Pick Ticket No	Primary Salesrep Name	Taker
12/21/2022 14:38:03	3587816	Nick Santangelo	Eric Steffen

Quantities					Item ID Item Description	Pricing UOM	Unit Price	Extended Price
Ordered	Shipped	Remaining	UOM	Disp.				

Order Note: Pump repair for the Flygt 3202.180, from the Walnut Lift Station

Carrier: Best Way - PPD/ADD

Tracking #:

----- Service Item Information -----

1.0000	1.0000	0.0000	EA	1432021803645W	EA	16,155.1200	16,155.12
				Serial Number: 1169003			
				NT462-6X10 60/460/3 50' FLS+ FV ARRA			
						Total Parts Price:	13860.12
						Total Labor Price:	2295.00

Total Lines: .1

SUB-TOTAL:	16,155.12
TAX:	0.00
AMOUNT DUE:	16,155.12
Amount Due after 4/5/2023: 16397.45	

All past due invoices are subject to a 1.5% per month finance charge.

REMIT TO	ACH / WIRE
Cogent Inc. or Brand Name P.O. Box 411832 Kansas City, MO 64141-1832 USA	Enterprise Bank 12695 Metcalf Ave Overland Park, KS 66213 Routing Number: 081006162 Account Number: 4140000174

Preferred method of payment is ACH

ORIGINAL



STANDARD TERMS AND CONDITIONS

Price is FOB shipping point and does not include any freight charges. Price does not include any applicable duties or sales tax, use tax, excise tax, value-added or other similar taxes that may apply to this equipment and/or project. Unless specifically stated, price does not include manual or automatic controls, starters, protective or signal devices, wiring, anchor bolts, gauges, vibration isolation devices, installation, startup or testing.

If the price is included in a proposal, the price is firm for receipt of an order within 15 days of the date shown on the proposal. Any additional terms and conditions included in the proposal are specifically included in these terms and conditions.

Unless otherwise expressly agreed to in writing by Seller, all shipments are FOB Seller shipping point at which point title also transfers.

Payment terms are net 30 days with approved credit. An interest charge of 1-1/2% per month will be added to balances over 30 days. Retainage of any invoiced amount is unacceptable unless specifically agreed to by Company at the time of order, and shall in no case exceed a period of 120 days. If payments are not timely received by Company, and this account is turned over to an attorney for collections, Customer agrees to pay all reasonable costs and attorney fees incurred in collection of the past due amounts.

Payment of 'commercial transaction' invoices by credit card will be charged a fee based upon Company's average discount rate for credit card transactions for the prior calendar year. This fee will change annually and is currently 2.55%.

All equipment either rented from or through Company is subject to all of the terms and conditions listed on the back of the rental contract. Pricing does not include any overtime running of power equipment.

In no event shall Company's obligations and liabilities under this Agreement include any direct, indirect, punitive, special, incidental or consequential damages or losses that Customer may suffer or incur in connection with this sale, service or rental, including, but not limited to, loss of revenue or profits, damages or losses as a result of Customer's inability to operate, perform its obligations to third persons or injuries to goodwill; nor shall Company's liability extend to damages or losses Customer may suffer or incur as a result of such claims, suits or other proceedings made or instituted against Customer by third parties. Customer remises, releases and discharges Company from any and all liability or damages which might be caused by failure to deliver any equipment within the agreed time by Company.

Customer shall be responsible for determining the good operating condition of all materials and equipment prior to accepting the materials and equipment. NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE UNLESS THE SAME IS SPECIFICALLY SET FORTH IN WRITING AND ACCEPTED IN WRITING BY COMPANY, BUT IN SUCH CASE THE WARRANTY OR GUARANTEE IS LIMITED AS ABOVE PROVIDED. Notwithstanding the foregoing, Company will pass through to the Customer any warranty provided by the manufacturer of any equipment supplied by Company.

Customer covenants and agrees to defend, indemnify and hold Company harmless from any claims, damages or liability arising out of the use, maintenance or delivery of the equipment or materials purchased or rented hereunder. Customer shall further defend, indemnify and hold Company harmless from any and all damages to third persons or to property caused by Customer's use or possession of the equipment or materials, to the fullest extent allowable by law.

In connection with a proposal, if Customer has any further questions or comments regarding the proposal, please feel free to contact Company. If the proposal meets with Customer's approval, please sign, date and mail or fax a copy of the proposal back to Company's office, and the identified equipment will be ordered and/or scheduled for delivery.

This agreement shall be governed by the laws of the state where the Company's branch office is located from which the equipment is rented or purchased. Customer further agrees that venue and jurisdiction shall be appropriate in the county in which Company's branch office is located from which the equipment was rented or purchased. Any provisions hereof which may prove unenforceable under any law shall not affect the validity of any other provision hereof.

Revised March 2022

ORIGINAL





Payment terms are 30 days from invoice date unless otherwise agreed upon in writing. Remit to:
 Cummins Sales and Service
 PO Box 772639
 Detroit, MI 48277-2639

FENTON MO BRANCH
 2247 CASSENS DRIVE
 FENTON, MO 63026-2501
 (636)660-7696

INVOICE NO
ESTIMATE
TO PAY ONLINE LOGON TO customerpayment.cummins.com

BILL TO

CITY OF WASHINGTON
 405 JEFFERSON ST
 WASHINGTON, MO 63090-2607

OWNER

PMA-WWTP
 200 KINGSLAND DR
 WASHINGTON, MO 63090-3815
 KEVIN QUAETHM - 636 6679288

PAGE 1 OF 3

*** CHARGE ***

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
06-FEB-2023			DQGAA		CUMMINS
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
147867		07-JUL-2022	B080155434		DQGAA
REF. NO.	SALESPERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
107874					WWTP-1250KW

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
------------------	--------------	------------------	-------------	-------------	--------------	------------	--------

OSN/MSN/VIN B080155434

COMPLAINT

THIS IS AN ESTIMATE TO PERFORM A LEVEL 3 CSM ON YOUR GENERATOR. THIS IS SUGGESTED FROM OUR TECH THAT WAS ON SITE RECENTLY DURING PM WORK. THIS WILL STOP ANY CURRENT COOLANT LEAKS AND PREVENT RELATED FAILURES IN THE FUTURE. THIS WILL BE TWO TECHS FOR TWO DAYS.

THE TECHS WILL REPLACE THE BELTS, COOLANT, UPPER/LOWER RADIATOR HOSES, VENT LINES, CROSS OVER TUBES, T-STATS, SEALS AND GASKETS, ALL HOSE CLAMPS, TWO RADIATOR CAPS, AND BLOCK HEATER HOSES.

PLEASE CONFIRM IF YOU WANT US TO ORDER PARTS AND PROCEED.

THANK YOU.

DIAGNOSTIC CHARGE: 0.00

4	0	A030C716	TUBE,WATER	ONAN		60.21	240.84
		ORDERED ITEM	503-2658 ONAN				
4	0	503-2759	HOSE-RADIATOR	ONAN		87.08	348.32
2	0	503-1729	HOSE- RAD (107" PACKAGE)	ONAN		167.80	335.60
		ORDERED ITEM	503-1863 ONAN				
2	0	503-1726	HOSE-RADIATOR	ONAN		36.79	73.58
8	0	503-1872-05	CLAMP-HOSE (2.75"-3.63")	ONAN		16.90	135.20
4	0	503-1872-04	CLAMP-HOSE	ONAN		17.54	70.16
4	0	206443	GASKET,THERMOSTAT HOUSING	CECO		8.98	35.92
4	0	3627961	SEAL,THERMOSTAT	CECO		29.37	117.48
4	0	3629205	THERMOSTAT	CECO		169.63	678.52
1	0	4007416	HOSE,PLAIN	CECO		73.05	73.05

Completion date : 08-Jul-2022 09:02AM. Estimate expires : 06-Mar-2023 10:12AM.

Billing Inquiries? Call (877)480-6970

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE BEEN READ AND FULLY UNDERSTOOD.

AUTHORIZED BY (print name) _____ SIGNATURE _____ DATE _____



Payment terms are 30 days from invoice date unless otherwise agreed upon in writing. Remit to:
 Cummins Sales and Service
 PO Box 772639
 Detroit, MI 48277-2639

FENTON MO BRANCH
 2247 CASSENS DRIVE
 FENTON, MO 63026-2501
 (636)660-7696

INVOICE NO
ESTIMATE
TO PAY ONLINE LOGON TO customerpayment.cummins.com

BILL TO

CITY OF WASHINGTON
 405 JEFFERSON ST
 WASHINGTON, MO 63090-2607

OWNER

PMA-WWTP
 200 KINGSLAND DR
 WASHINGTON, MO 63090-3815
 KEVIN QUAETHEN - 636 6679288

PAGE 2 OF 3

*** CHARGE ***

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
06-FEB-2023			DQGAA		CUMMINS
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
147867		07-JUL-2022	B080155434		DQGAA
REF. NO.	SALESPERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
107874					WWTP-1250KW

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		B080155434					
2	0	0	43828-D	CLAMP,HOSE	CECO	10.38	20.76
			ORDERED ITEM	43828D CECO			
8	0	0	503-3062-01	HOSE-COOLANT (HEATER)	ONAN	39.91	319.28
16	0	0	503-2157-02	CLAMP	ONAN	28.46	455.36
3	0	0	CC2826	ES COMP EG	FLG	899.94	2,699.82
1	0	0	511-0238	BELT-DRIVE (PK BELT)	ONAN	429.61	429.61
2	0	0	A029C199	J/W VENT LINE ASSY	ONAN	620.49	1,240.98
2	0	0	130-7482	TUBE-RADIATOR VENT (1/4-I	ONAN	526.16	1,052.32
1	0	0	130-7483	"TUBE-RADIATOR VENT (1/4"	ONAN	370.78	370.78
			ORDERED ITEM	130-6808 ONAN			
1	0	0	A029C211	1/4-IN VENT LINE ASSY	ONAN	515.08	515.08
1	0	0	5412994	BELT,V RIBBED	CECO	19.25	19.25
			ORDERED ITEM	3626788 CECO			
1	0	0	4383933	SWITCH,COOLANT LEVEL	CECO	271.81	271.81
1	0	0	338-4858	HARNES-ENGINE	ONAN	129.44	129.44

PARTS:	9,633.16
PARTS COVERAGE CREDIT:	0.00CR
TOTAL PARTS:	9,633.16
SURCHARGE TOTAL:	0.00
LABOR:	3,805.20
LABOR COVERAGE CREDIT:	0.00CR
TOTAL LABOR:	3,805.20
TRAVEL:	543.60
TRAVEL COVERAGE CREDIT:	0.00CR

Completion date : 08-Jul-2022 09:02AM. Estimate expires : 06-Mar-2023 10:12AM.

Billing Inquiries? Call (877)480-6970

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE BEEN READ AND FULLY UNDERSTOOD.

AUTHORIZED BY (print name) _____ SIGNATURE _____ DATE _____



Payment terms are 30 days from invoice date unless otherwise agreed upon in writing. Remit to:
 Cummins Sales and Service
 PO Box 772639
 Detroit, MI 48277-2639

FENTON MO BRANCH
 2247 CASSENS DRIVE
 FENTON, MO 63026-2501
 (636)660-7696

INVOICE NO
ESTIMATE
TO PAY ONLINE LOGON TO customerpayment.cummins.com

BILL TO

CITY OF WASHINGTON
 405 JEFFERSON ST
 WASHINGTON, MO 63090-2607

OWNER

PMA-WWTP
 200 KINGSLAND DR
 WASHINGTON, MO 63090-3815
 KEVIN QUAETHM - 636 6679288

PAGE 3 OF 3

*** CHARGE ***

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
06-FEB-2023			DQGAA		CUMMINS
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
147867		07-JUL-2022	B080155434		DQGAA
REF. NO.	SALESPERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
107874					WWTP-1250KW

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
			B080155434				

TOTAL TRAVEL:	543.60	
MISC.:		197.00
MISC. COVERAGE CREDIT:		0.00CR
TOTAL MISC.:	197.00	
ROAD MILEAGE		197.00

TAX EXEMPT NUMBERS:

SIGN UP FOR AUTO EMAIL OF INVOICES AND CREDITS AT
[HTTP://CUSTOMERPAYMENT.CUMMINS.COM](http://customerpayment.cummins.com)

LOCAL 0.00

Completion date : 08-Jul-2022 09:02AM. Estimate expires : 06-Mar-2023 10:12AM.

Billing Inquiries? Call (877)480-6970

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE BEEN READ AND FULLY UNDERSTOOD.

SUB TOTAL: 14,178.96
 TOTAL TAX: 0.00

TOTAL AMOUNT: US \$ 14,178.96

AUTHORIZED BY (print name) Kevin Quaethem

SIGNATURE *Kevin Quaethem* DATE

03/16/2023

between the customer ("Customer") identified on the Quote and/or Invoice and Cummins ("Cummins") and supersedes any previous agreement or understanding (oral or written) between the parties with respect to the subject matter of this Agreement. Customer shall be deemed to have made an unqualified acceptance of these Terms and Conditions and it shall become a binding agreement between the parties on the earliest of the following to occur: (i) Cummins' receipt of Customer's purchase order or purchase order number; (ii) Customer's signing or acknowledgment of this Agreement; (iii) Cummins' release of Products to production pursuant to Customer's oral or written instruction or direction; (iv) Customer's payment of any amounts due to Cummins; or (v) any other event constituting acceptance under applicable law. No prior inconsistent course of dealing, course of performance, or usage of trade, if any, constitutes a waiver of, or serves to explain or interpret, the Terms and Conditions set forth in this Agreement. Electronic transactions between Customer and Cummins will be solely governed by the Terms and Conditions of this Agreement, and any terms and conditions on Customer's website or other internet site will be null and void and of no legal effect on Cummins. In the event Customer delivers, references, incorporates by reference, or produces any purchase order or document, any terms and conditions related thereto: (f) shall be null and void and of no legal effect on Cummins, and (g) this Agreement shall remain the governing terms of the transaction.

SCOPE OF SERVICES; PERFORMANCE OF SERVICES Cummins shall supply part(s) and/or component(s) and/or engine(s) and/or generator set(s) ("Goods") and/or perform the maintenance and/or repair ("Services") on the equipment identified in the Quote and/or Invoice ("Equipment"), if applicable, in accordance with the specifications in the Quote and/or Invoice. No additional services or goods are included in this Agreement unless agreed upon by the parties in writing, or otherwise, as applicable.

CUSTOMER OBLIGATIONS If necessary, Customer shall provide Cummins safe and free access to Customer's site and arrange for all related services and utilities necessary for Cummins to safely and freely perform the Services. During the performance of the Services, Customer shall fully and completely secure all or any part of any facility where the Equipment is located to remove and mitigate any and all safety issues and risks, including but not limited to injury to facility occupants, customers, invitees, or any third party and/or property damage or work interruption arising out of the Services. If applicable, Customer shall make all necessary arrangements to address and mitigate the consequences of any electrical service interruption which might occur during the Services. Customer is responsible for operating and maintaining the Equipment in accordance with the owner's manual for the Equipment.

INVOICING AND PAYMENT Unless otherwise agreed to by the parties in writing and subject to credit approval by Cummins, payments are due thirty (30) days from the date of invoice. If Customer does not have approved credit with Cummins, as solely determined by Cummins, payments are due in advance or at the time of supply of the Goods and/or Services. If payment is not received when due, in addition to any rights Cummins may have at law, Cummins may charge Customer eighteen percent (18%) interest annually on late payments, or the maximum amount allowed by law. Customer agrees to pay all Cummins' costs and expenses (including all reasonable attorneys' fees) related to Cummins' enforcement and collection of unpaid invoices, or any other enforcement of this Agreement by Cummins.

TAXES; EXEMPTIONS The Invoice includes all applicable local, state, or federal sales and/or use or similar taxes which Cummins is required by applicable laws to collect from Customer under this Agreement. Customer must provide a valid tax exemption certificate or direct payment certificate prior to shipment of the Goods or performance of the Services, or such taxes will be included in the Invoice.

DELIVERY; TITLE AND RISK OF LOSS Unless otherwise agreed in writing by the parties, any Goods supplied under this Agreement shall be delivered FOB Origin, freight prepaid to the first destination. If agreed, any charges for third party freight are subject to adjustment to reflect any change in price at time of shipment. Unless otherwise agreed to, packaging method, shipping documents and manner, route and carrier and delivery shall be as Cummins deems appropriate. All shipments are made within normal business hours, Monday through Friday. Unless otherwise agreed in writing by the parties, title and risk of loss for all Goods sold under this Agreement shall pass to Customer upon delivery of Goods by Cummins to freight carrier or to Customer at pickup at Cummins' facility.

DELAYS Any delivery, shipping, installation, or performance dates indicated in this Agreement are estimated and not guaranteed. Further, delivery time is subject to confirmation at time of order. Cummins shall not be liable to Customer or any third party for any loss, damage, or expense suffered by Customer or third party due to any delay in delivery, shipping, installation, or performance, however occasioned, including any delays in performance that result directly or indirectly from acts of God, Customer or causes beyond Cummins' control, including but not limited to acts of God, accidents, fire, explosions, flood, unusual weather conditions, acts of government authority, or labor disputes. AS A RESULT OF THE OUTBREAK OF THE DISEASE COVID-19 ARISING FROM THE NOVEL CORONAVIRUS, TEMPORARY DELAYS IN DELIVERY, LABOUR OR SERVICES FROM CUMMINS AND ITS SUB-SUPPLIERS OR SUBCONTRACTORS MAY OCCUR. AMONG OTHER FACTORS, CUMMINS' DELIVERY OBLIGATIONS ARE SUBJECT TO CORRECT AND PUNCTUAL SUPPLY FROM OUR SUB-SUPPLIERS OR SUBCONTRACTORS, AND CUMMINS RESERVES THE RIGHT TO MAKE PARTIAL DELIVERIES OR MODIFY ITS LABOUR OR SERVICE. WHILE CUMMINS SHALL MAKE EVERY COMMERCIALY REASONABLE EFFORT TO MEET THE DELIVERY, SERVICE OR COMPLETION OBLIGATIONS SET FORTH HEREIN, SUCH DATES ARE SUBJECT TO CHANGE.

LIMITED WARRANTIES

New Goods: New Goods purchased or supplied under this Agreement are governed by the express written manufacturers' warranty. No other warranty for Goods supplied under this Agreement is provided under this Agreement.

Cummins Exchange Components, Other Exchange Components, and Recon: Cummins will administer the Cummins exchange component warranty and the warranties of other manufacturers' exchange components of Recon Components which are sold by Cummins. In the event of defects in such items, only manufacturers' warranties will apply.

HHP Exchange Engine: HHP Exchange Engines remanufactured by Cummins under this Agreement are governed by the express Cummins' written warranty. No other warranty for HHP exchange Engines supplied under this Agreement is provided under this Agreement.

General Service Work: All Services shall be free from defects in workmanship (i) for power generation equipment (including engines in such equipment), for a period of ninety (90) days after completion of Services or 500 hours of operation, whichever occurs first; or (ii) for engines, for a period of ninety (90) days after completion of Services, 25,000 miles or 900 hours of operation, whichever occurs first. In the event of a warrantable defect in workmanship of Services supplied under this Agreement ("Warrantable Defect"), Cummins' obligation shall be solely limited to correcting the Warrantable Defect. Cummins shall correct the Warrantable Defect within (i) such Warrantable Defect becomes apparent to Customer during the warranty period; (ii) Cummins receives written notice of the Warrantable Defect within thirty (30) days following discovery by Customer; and (iii) Cummins has determined that there is a Warrantable Defect. Warrantable Defects remedied under this provision shall be subject to the remaining warranty period of the original warranty of the Services. New Goods supplied during the remedy of Warrantable Defects are warranted for the balance of the warranty period still available from the original warranty of such Goods.

Used Goods: Used Goods are sold "as is, where is" unless exception is made in writing between Cummins and Customer. Customer agrees to inspect all used Goods before completing the purchase.

THE REMEDIES PROVIDED IN THE LIMITED WARRANTIES AND THIS AGREEMENT ARE THE SOLE AND EXCLUSIVE WARRANTIES AND REMEDIES PROVIDED BY CUMMINS TO THE CUSTOMER UNDER THIS AGREEMENT. EXCEPT AS SET OUT IN THE WARRANTY AND THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY LAW, CUMMINS EXPRESSLY DISCLAIMS ALL OTHER REPRESENTATIONS, WARRANTIES, ENDORSEMENTS, AND CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY STATUTORY OR COMMON LAW IMPLIED REPRESENTATIONS, WARRANTIES AND CONDITIONS OF FITNESS FOR A PURPOSE OR MERCHANTABILITY.

INDEMNIFICATION Customer shall indemnify, defend and hold harmless Cummins from and against any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, brought against or incurred by Cummins related to or arising out of this Agreement or the Services and/or Goods supplied under this Agreement (collectively, the "Claims"), where such Claims were caused or contributed, in whole or in part, by the acts, omissions, fault or negligence of the Customer. Customer shall present any Claims covered by this indemnity, including any tenders for defense and indemnity by Cummins to its insurance carrier unless Cummins directs that the defense will be handled by Cummins' legal counsel at Customer's expense.

LIMITATION OF LIABILITY NOTWITHSTANDING ANY OTHER TERM OF THIS AGREEMENT, IN NO EVENT SHALL CUMMINS, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION DOWNTIME, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, LOSS OF OPPORTUNITY, DAMAGE TO GOODWILL, ENHANCED DAMAGES, MONETARY REQUESTS RELATING TO RECALL EXPENSES AND REPAIRS TO PROPERTY, AND/OR DAMAGES CAUSED BY DELAY) IN ANY WAY RELATED TO OR ARISING FROM CUMMINS' SUPPLY OF GOODS OR SERVICES UNDER THIS AGREEMENT. IN NO EVENT SHALL CUMMINS' LIABILITY TO CUSTOMER OR ANY THIRD PARTY CLAIMING DIRECTLY THROUGH CUSTOMER OR ON CUSTOMER'S BEHALF UNDER THIS AGREEMENT EXCEED THE TOTAL COST OF GOODS AND SERVICES SUPPLIED BY CUMMINS UNDER THIS AGREEMENT GIVING RISE TO THE CLAIM. BY ACCEPTANCE OF THIS AGREEMENT, CUSTOMER ACKNOWLEDGES CUSTOMER'S SOLE REMEDY AGAINST CUMMINS FOR ANY LOSS SHALL BE THE REMEDY PROVIDED HEREIN EVEN IF THE EXCLUSIVE REMEDY IN SECTION 7 IS DEEMED TO HAVE FAILED OF ITS ESSENTIAL PURPOSE.

GOVERNING LAW AND JURISDICTION This Agreement and all matters arising hereunder shall be governed by and construed in accordance with the laws of the State of Indiana without giving effect to any choice or conflict of law provision. The parties agree that the court of the State of Indiana shall have exclusive jurisdiction to settle any dispute or claim arising in connection with this Agreement.

ASSIGNMENT This Agreement is binding on the parties and their successors and assigns. Customer shall not assign this Agreement without the prior written consent of Cummins.

CANCELLATION. Orders placed with and accepted by Cummins may not be cancelled except with Cummins' prior written consent. Cummins may charge Customer a cancellation charge in accordance with current Cummins policy which is available upon request. In addition to the actual, non-recoverable costs incurred by Cummins.

REFUNDS/CREDITS Goods ordered and delivered by Cummins under this Agreement are not returnable unless agreed to by Cummins. Cummins may, at its sole discretion, agree to accept Goods for return and provide credit where Goods are in new and saleable condition and presented with a copy of the original invoice. Credits for returns will be subject to up to a 15% handling/restocking charge and are limited to eligible items purchased from Cummins.

INTELLECTUAL PROPERTY Any intellectual property rights created by either party, whether independently or jointly, in the course of the performance of this Agreement or otherwise related to Cummins pre-existing intellectual property or subject matter related thereto, shall be Cummins' property. Customer agrees to assign, and does hereby assign, all right, title, and interest to such intellectual property to Cummins. Any Cummins pre-existing intellectual property shall remain Cummins' property. Nothing in this Agreement shall be deemed to have given Customer a licence or any other rights to use any of the intellectual property rights of Cummins.

COMPLIANCE WITH LAWS Customer shall comply with all laws applicable to its activities under this Agreement, including without limitation, all applicable national, provincial, and local export, anti-bribery, environmental, health, and safety laws and regulations in effect. Customer acknowledges that the Goods, and any related technology that are sold or otherwise provided hereunder may be subject to export and other trade controls restricting the sale, export, re-export and/or transfer, directly or indirectly, of such Goods or technology to certain countries or parties, including, but not limited to, licensing requirements under applicable laws and regulations of the United States, the United Kingdom and other jurisdictions. It is the intention of Cummins to comply with these laws, rules, and regulations. Any other provision of this Agreement to the contrary notwithstanding, Customer shall comply with all such applicable laws relating to the cross-border movement of goods or technology, and all related orders in effect from time to time, and equivalent measures. Customer shall accept full responsibility for any and all civil or criminal liabilities and costs arising from any breaches of those laws and regulations and will defend, indemnify, and hold Cummins harmless from and against any and all fines, penalties, claim, damages, liabilities, judgments, costs, fees, and expenses incurred by Cummins or its affiliates as a result of Customer's breach.

CONFIDENTIALITY Each party shall keep confidential any information received from the other that is not generally known to the public and at the time of disclosure, would reasonably be understood by the receiving party to be proprietary or confidential, whether disclosed in oral, written, visual, electronic, or other form, and which the receiving party (or agents) learns in connection with this Agreement including, but not limited to: (a) business plans, strategies, sales, projects and analyses; (b) financial information, pricing, and fee structures; (c) business processes, methods, and models; (d) employee and supplier information; (e) specifications; and (f) the terms and conditions of this Agreement. Each party shall take necessary steps to ensure compliance with this provision by its employees and agents.

PRICING To the extent allowed by law, actual prices may vary from the price at the time of order placement, as the same will be based on prices prevailing on the date of shipment. Subject to local laws, Cummins reserves the right to adjust pricing on goods and services due to input and labor cost changes and other unforeseen circumstances beyond Cummins' control.

MISCELLANEOUS All notices under this Agreement shall be in writing and be delivered personally, mailed via first class certified or registered mail, or sent by a nationally recognized express courier service to the addresses set forth in the Quote and/or Invoice. No amendment of this Agreement shall be valid unless it is in writing and signed by the parties hereto. Failure of either party to require performance by the other party of any provision hereof shall in no way affect the right to require such performance at any time thereafter or the enforceability of the Agreement generally, nor shall the waiver by a party of a breach of any of the provisions hereof constitute a waiver of any succeeding breach. Any provision of this Agreement that is invalid or unenforceable shall not affect the validity or enforceability of the remaining terms hereof. These terms are exclusive and constitute entire agreement. Customer acknowledges that the provisions were freely negotiated and bargained for and Customer has agreed to purchase of the Goods and/or Services pursuant to these terms and conditions. Acceptance of this Agreement is expressly conditioned on Customer's assent to all such terms and conditions. Neither party has relied on any statement, representation, agreement, understanding, or promise made by the other except as expressly set out in this Agreement.

To the extent applicable, this contractor and subcontractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-74.15(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability. The employee notice requirements set forth in 29 CFR Part 471, Appendix A to Subpart A, are hereby incorporated by reference into this contract.

Memo

To: Board of Public Works
From: Kevin Quaethem, Public Works Superintendent
Date: 3/28/2023
Re: Cochran Engineering South Point Ground Water Storage Tank – Pay Request #9

Attached is pay request #9 for \$3,759.69, Invoice #26028, 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	\$52,472.00
Current Pay Request	\$3,759.69
Balance of Contract	\$18,728.31

Approved by: _____ Date: _____
John Vietmeier, Chairman Board of Public Works



City of Washington
 Kevin Quathem
 405 Jefferson Street
 Washington, MO 63090

Invoice number 26028
 Date 03/08/2023

Project **22-9079 Southpoint Ground Water Storage Tank**

		Amount		
Southpoint Ground Water Storage Tank				
	Contract Amount	74,960.00		
	Percent Complete	75.00		
	Prior Billed	52,472.00		
			Current Billed	3,748.00
			Total	3,748.00

Southpoint Ground Water Storage Tank
 Reimbursables

		Units	Rate	Billed Amount
Shipping & Delivery				11.69
02/01 - MO Dept of Nat Res				
	Subtotal			11.69
	Southpoint Ground Water Storage Tank subtotal			11.69

Invoice total 3,759.69

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
25835	02/07/2023	7,496.00	7,496.00				
26028	03/08/2023	3,759.69	3,759.69				
	Total	11,255.69	11,255.69	0.00	0.00	0.00	0.00



EPA's Proposal to Limit PFAS in Drinking Water March 2023

We rely on water from the moment we wake up and make a cup of coffee to when we brush our teeth at night. Every person should have access to clean and safe drinking water. That's why the U.S. Environmental Protection Agency (EPA) is taking a key step to protect public health by proposing to establish legally enforceable levels for six PFAS known to occur in drinking water, fulfilling a foundational commitment in the Agency's PFAS Strategic Roadmap. Through this proposed rule, EPA is leveraging the most recent science and building on existing state efforts to limit PFAS and provide a nationwide, health-protective standard for these specific PFAS in drinking water.

What are PFAS chemicals and why are they in our drinking water?

PFAS are a category of manufactured chemicals that have been used in industry and consumer products since the 1940s. PFAS have characteristics that make them useful in a variety of products, including nonstick cookware, waterproof clothing, and firefighting foam, as well as in certain manufacturing processes.

People can be exposed to PFAS in several ways. When their drinking water is contaminated with PFAS, it can be a significant portion of a person's total PFAS exposure. Exposure to PFAS over a long time, and during certain critical life stages, like during pregnancy and in developing babies, may lead to negative health effects.

PFAS can enter the environment from multiple sources, and because they tend to break down very slowly in the environment, PFAS can end up in the water sources that many communities rely on for drinking water. Reducing PFAS in drinking water helps reduce PFAS health risks.

What is EPA doing to make our drinking water safe?

EPA is taking a key step to protect public health by proposing a National Primary Drinking Water Regulation (NPDWR) to establish legally enforceable levels, called Maximum Contaminant Levels (MCLs), for six PFAS known to occur in drinking water. The six PFAS are **PFOA, PFOS, PFNA, PFHxS, PFBS, and GenX Chemicals**.

An MCL protects public health by setting a maximum level of a contaminant allowed in drinking water which can be delivered to users of a public water system. Additionally, EPA is proposing health-based, non-enforceable Maximum Contaminant Level Goals (MCLGs) for these six PFAS. An MCLG is the maximum level of a contaminant in drinking water where there is no known or anticipated negative effect on an individual's health, allowing for a margin of safety.

What levels EPA is proposing and what do water systems have to do?

Specifically, EPA is proposing:

- **An enforceable MCL for PFOA and PFOS.** EPA is proposing to regulate PFOA and PFOS at a level they can be reliably measured, which is 4 parts per trillion (4.0 nanograms/Liter).
- **An enforceable limit on a combination of PFNA, PFHxS, PFBS, and GenX Chemicals.** The proposed rule also would place limits on any mixture containing one or more of PFNA, PFHxS, PFBS, and/or GenX Chemicals. For these PFAS, water systems would use an approach called a hazard index, defined in the proposed rule and described later in this document, to determine if the combined levels of these PFAS

pose a potential risk. This approach protects communities from the additive effects of multiple PFAS when they occur together.

- **Monitoring.** EPA is proposing requirements for monitoring for the six PFAS that build upon EPA's long established monitoring frameworks where monitoring frequency depends on previous results. The proposal also includes flexibilities allowing systems to use some previously collected data to satisfy initial monitoring requirements.
- **Public notification.** Public water systems would be required to notify the public if monitoring detects these PFAS at levels that exceed the proposed regulatory standards.
- **Treatment.** Public water systems would be required take actions to reduce the levels of these PFAS in drinking water if they exceed the proposed regulatory standards. This could include removing these chemicals through various types of treatment or switching to an alternative water supply that meets the standard.

Are testing and treatment technologies available to remove these six PFAS?

Available technologies exist to monitor for and treat these six PFAS. Technologies capable of reducing PFAS in drinking water include granular activated carbon (GAC), anion exchange resins (AIX), reverse osmosis (RO), and nanofiltration (NF).

What does this proposal mean?

If finalized, the proposed regulation will require public water systems to monitor for these chemicals. It will also require systems to notify the public and reduce the levels of these PFAS if levels exceed the proposed regulatory standards. EPA anticipates that over time, if fully implemented, the rule will reduce tens of thousands of PFAS-attributable illnesses or deaths.

This proposal does not require any actions for drinking water systems until the rule is finalized, and water systems will be required to meet the MCLs after a specified implementation time period. EPA anticipates finalizing the rule by the end of 2023.

Public input on the proposal

EPA welcomes public input as part of the regulatory development process. The public is invited to review the proposal and supporting information. Comments can be provided in the public docket associated with this rulemaking at [regulations.gov](https://www.regulations.gov), identified by Docket ID Number: EPA-HQ-OW-2022-0114. Comments must be submitted to the public docket during the 60-day public comment period.

EPA will consider all public comments in informing the development of the final regulation. For more information and instructions on how to submit input to the public docket, visit: www.epa.gov/dockets/commenting-epa-dockets. EPA will also hold a virtual public hearing on May 4, 2023 where the public is invited to provide EPA with verbal comments. For more information on the public hearing and how to provide EPA with verbal and written comments, please visit: www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas.

Is funding available?

Reducing PFAS in drinking water will likely require investments in water infrastructure. Thanks to President Biden's leadership and bipartisan action in Congress, the Bipartisan Infrastructure Law provides an unprecedented \$9 billion to invest in drinking water systems impacted by PFAS and other emerging contaminants. EPA will ensure that states, Tribes, and communities get their fair share of this federal water infrastructure investment—especially in disadvantaged communities. These funds include:

- **\$4 billion** in investment through the **Drinking Water State Revolving Funds**, including a requirement that states dedicate 25% of these resources to disadvantaged communities or public water systems serving fewer than 25,000 people.
- **\$5 billion** to communities as grants through EPA's new **Emerging Contaminants in Small or Disadvantaged Communities (EC-SDC) Grant Program**. This program will promote access to safe and clean water in small, rural, and disadvantaged communities while supporting local economies. In February 2023, EPA announced the availability of the first \$2 billion of this funding.

For more information on Bipartisan Infrastructure Law funding, visit: www.epa.gov/infrastructure.

What if I am concerned about PFAS in my drinking water?

If you get your water from a drinking water system, reach out to your local water utility to learn about how they may be addressing PFAS as well as ask them to test the water for PFAS or to share information with you if they have already tested the water. Some public drinking water systems may not have this information. If you choose to test your water yourself, it is important to use a state-certified laboratory using EPA-developed testing methods. Check with your state's drinking water program to see if they have issued guidance or standards for PFAS in your state and what actions they recommend or require when there is PFAS contamination. If your state does not have standards or guidance for PFAS see EPA's Health Advisory levels for [certain PFAS](#) for EPA's advice regarding these PFAS in drinking water. You may also consider installing in-home water treatment (e.g., filters) that are certified to lower the levels of PFAS in your water. [Learn about certified in-home water treatment filters.](#)

To learn more about PFAS and steps that can be taken to reduce risks: www.epa.gov/pfas/meaningful-and-achievable-steps-you-can-take-reduce-your-risk

What does this proposed regulation mean for households on private wells?

While the Safe Drinking Water Act does not regulate private wells and this proposed rule does not set any requirements or standards for private well owners, EPA understands that people who consume water from private wells may be concerned about contamination of their drinking water by PFAS or other contaminants. EPA has resources to help people who rely on private wells for their drinking water.

First, EPA has information on protecting private wells to prevent contamination, testing private wells and protecting your health at <https://www.epa.gov/privatewells>. (The Centers for Disease Control and Prevention also provides similar information about private water systems at <https://www.cdc.gov/healthywater/drinking/private/index.html>)

Second, if test results from an approved laboratory show levels of PFOA, PFOS, Gen X or PFBS, see EPA's PFAS health advisories [Questions and Answers](#) to learn about actions that you might consider based on your test results.

Third, State Drinking Water State Revolving Loan Fund programs may provide funding to households served by private wells to connect to a drinking water system, or to form a new drinking water system that would be subject to Safe Drinking Water Act requirements. SRF funds can be used by states to provide household water quality testing for these PFAS where there is an intent to connect with a public water system, or to form a new one, and to provide temporary household or point-of-use filters while a connection to a public water system is established. For more information on these funding programs, please visit www.epa.gov/infrastructure.

My state drinking water standard for PFAS is higher than this proposal, is my water safe?

This proposal is based on the latest science and if finalized, states will need to establish standards that are as strict as the federal rule. In the interim, EPA currently has Health Advisories in place to act as a guide for states and water systems. EPA's 2022 lifetime health advisory levels represent the concentration of individual PFAS (PFOA, PFOS, GenX Chemicals, and PFBS) in drinking water at below which adverse health effects are not anticipated to occur over a lifetime. It's important to note that many states and utilities are already taking action to reduce PFAS in water, and less PFAS is better over a lifetime of exposure.

If you get your water from a drinking water system, reach out to your local water utility to learn about how they may be addressing PFAS as well as ask them to test the water for PFAS or to share information with you if they have already tested the water. NOTE: Some public drinking water systems may not have this information. If you choose to test your water yourself, it is important to use a state-certified laboratory using EPA-developed testing methods. Check with your state's drinking water program to see if they have issued guidance or standards for PFAS in your state and what actions they recommend or require when there is PFAS contamination. If your state does not have standards or guidance for PFAS see EPA's Health Advisory levels for [certain PFAS](#) for EPA's advice regarding these PFAS in drinking water. You may also consider installing in-home water treatment (e.g., filters) that are certified to lower the levels of PFAS in your water. [Learn about certified in-home water treatment filters.](#)

To learn more about PFAS and steps that can be taken to reduce risks: www.epa.gov/pfas/meaningful-and-achievable-steps-you-can-take-reduce-your-risk

This is a proposed rule for public comment. It does not require any actions for drinking water systems until EPA has a chance to consider public input and the rule is finalized. Once the rule is finalized, water systems will not be required to meet the MCLs until after a specified implementation time period. EPA anticipates finalizing the rule by the end of 2023.

Additional Background

What are MCLGs and MCLs?

MCLGs are non-enforceable public health goals. MCLGs consider only public health, not the limits of detection and treatment technology effectiveness. Therefore, they are sometimes set at levels which water systems cannot meet because of technological limitations. For example, if a contaminant is a known or likely carcinogen, EPA sets the MCLG at 0. MCLGs also consider adverse health risks to sensitive groups, including infants, children, the elderly, and immuno-compromised individuals. Once the MCLG is established, EPA determines the MCL. MCLs are enforceable standards. An MCL is the maximum level of a contaminant allowed in drinking water which can be delivered to users of a public water system. For this rule proposal, EPA evaluated available methods and treatment technologies, that are shown to measure and remove these six PFAS and set the proposed MCLs as close as possible to the MCLGs. EPA also evaluated costs and benefits in determining the proposed MCLs.

What is a Hazard Index?

The Hazard Index is a tool used to evaluate health risks of simultaneous exposure to mixtures of related chemicals. To prevent health risks from mixtures of certain PFAS in drinking water, EPA is proposing that water systems use this Hazard Index approach to regulate PFHxS, GenX Chemicals, PFNA, and PFBS. To determine the Hazard Index for these four PFAS, water systems would monitor and compare the amount of each PFAS in drinking water to its associated Health-Based Water Concentration (HBWC), which is the level at which no health effects are expected for that PFAS.

Water systems would add the comparison values for each PFAS contained within the mixture. If the value is greater than 1.0, it would be an exceedance of the proposed Hazard Index MCL for these four PFAS. For ease of use, EPA

intends to provide water systems with a web-based form that will automatically calculate the Hazard Index. More information on the Hazard Index, including an example of how to calculate it, can be found in the rule proposal at: www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas.

What are PFAS and What are their Health Effects?

There are thousands of different PFAS, and they can be found in many different consumer, commercial, and industrial products. PFAS can enter the environment from multiple sources and because they break down very slowly, concentrations of PFAS can accumulate in people, animals, and the environment over time and can end up in the water sources that many communities rely on for drinking water.

We now know that some PFAS can cause serious health problems if you are exposed to them – even at low levels – over a long period of time. Drinking water is one of several ways people may be exposed to PFAS and reducing PFAS in drinking water helps reduce PFAS health risks. Exposure to the PFAS EPA is proposing to regulate can increase the risks of a range of health effects, including:

- Reproductive effects such as increased high blood pressure in pregnant people
- Developmental effects or delays in children, including low birth weight, bone variations, or behavioral changes
- Increased risk of some cancers, including kidney and testicular cancers
- Reduced ability of the body's immune system to fight infections, including reduced vaccine effectiveness
- Interference with the body's natural hormones, including thyroid hormones
- Increased cholesterol levels
- Liver damage

What Else is EPA Doing to Stop PFAS Pollution and Protect Communities?

EPA released its PFAS Strategic Roadmap in October 2021 and has taken actions to reduce PFAS from entering the water we drink, fish, and swim; hold polluters accountable; and accelerate research that will help EPA and other agencies take future actions. EPA is committed to taking broader actions to help reduce Americans' exposure to PFAS, including:

- Monitoring thousands of drinking water systems across the country for dozens of PFAS;
- Taking final action on a proposal to designate two PFAS as "hazardous substances" to help hold polluters accountable;
- Restricting PFAS discharges to our waterways by strengthening Clean Water Act standards; and
- Finalizing chemical data and safety rules that will increase our knowledge about PFAS, allow us to act faster and more strategically, and restrict legacy PFAS from reentering production.

To learn more about the proposed rule visit:

www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas



City of Washington, MO

Budget Report Account Summary

For Fiscal: 2022-2023 Period Ending: 02/28/2023

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 400 - WATER FUND							
Revenue							
400-35-000-450600	Penalties/Interest Charges	20,000.00	20,000.00	1,906.62	9,708.45	-10,291.55	51.46 %
400-35-000-450900	Revenues-All Other	15,000.00	15,000.00	2,700.00	15,270.85	270.85	101.81 %
400-35-000-453100	Water Sales	1,870,000.00	1,870,000.00	141,689.96	769,576.58	-1,100,423.42	58.85 %
400-35-000-453200	Water Meter Sales	40,000.00	40,000.00	4,090.01	14,755.41	-25,244.59	63.11 %
400-35-000-453500	Connection Charges	70,000.00	70,000.00	5,000.00	20,200.00	-49,800.00	71.14 %
400-35-000-453550	Tap Charges	1,000.00	1,000.00	0.00	200.00	-800.00	80.00 %
400-35-000-453600	Labor & Equipment Charges	1,300.00	1,300.00	365.03	365.03	-934.97	71.92 %
400-35-000-453700	Miscellaneous Materials Sold	3,000.00	3,000.00	3.74	1,334.85	-1,665.15	55.51 %
400-35-000-461200	Rent/Lease-Municipal Property/Bui	35,610.00	35,610.00	4,828.73	23,806.72	-11,803.28	33.15 %
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	160,584.09	856,266.77	-1,209,643.23	58.55%
Expense							
400-35-000-510100	Salaries/Wages-Regular	460,990.00	460,990.00	16,085.50	156,965.48	304,024.52	65.95 %
400-35-000-510150	Elected Board Officials Compensati	200.00	200.00	0.00	100.00	100.00	50.00 %
400-35-000-510300	Salaries/Wages-Overtime	21,170.00	21,170.00	1,140.68	4,338.66	16,831.34	79.51 %
400-35-000-511100	FICA Taxes	36,870.00	36,870.00	1,248.98	11,733.42	25,136.58	68.18 %
400-35-000-511300	Health Insurance	91,400.00	91,400.00	6,727.25	32,954.70	58,445.30	63.94 %
400-35-000-511400	Dental Insurance	4,910.00	4,910.00	513.60	2,103.80	2,806.20	57.15 %
400-35-000-511600	Life Insurance	680.00	680.00	43.49	209.82	470.18	69.14 %
400-35-000-511700	LAGERS Retirement Plan	29,880.00	29,880.00	984.24	9,336.11	20,543.89	68.75 %
400-35-000-512605	Employee Incentive Program	450.00	450.00	0.00	360.00	90.00	20.00 %
400-35-000-512700	HRA Deductible	9,990.00	9,990.00	0.00	3,153.72	6,836.28	68.43 %
400-35-000-520250	Administration, Finance & IT Depar	159,600.00	159,600.00	0.00	53,200.00	106,400.00	66.67 %
400-35-000-520300	Technical Services	28,320.00	28,320.00	2,520.28	7,406.90	20,913.10	73.85 %
400-35-000-520400	Other Contracted Services	156,650.00	156,650.00	2,012.76	38,626.46	118,023.54	75.34 %
400-35-000-521540	Uniform Cleaning Service	1,900.00	1,900.00	109.24	802.98	1,097.02	57.74 %
400-35-000-521560	Building Repair & Maintenance	15,000.00	15,000.00	0.00	267.05	14,732.95	98.22 %
400-35-000-521620	Equipment Repair & Maintenance	15,000.00	15,000.00	1,372.46	14,443.56	556.44	3.71 %
400-35-000-521630	Vehicle Repair & Maintenance	16,800.00	16,800.00	0.00	1,890.03	14,909.97	88.75 %
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	18.48	123.20	1,876.80	93.84 %
400-35-000-522100	Advertising	500.00	500.00	371.00	408.50	91.50	18.30 %
400-35-000-522200	Property, Liability & Casualty Insura	45,000.00	45,000.00	0.00	10,597.24	34,402.76	76.45 %
400-35-000-522210	Self-Insurance Deductible	500.00	500.00	0.00	475.49	24.51	4.90 %
400-35-000-522300	Printing/Duplicating	2,300.00	2,300.00	0.00	2,175.39	124.61	5.42 %
400-35-000-522400	Telephone	5,000.00	5,000.00	476.32	2,239.12	2,760.88	55.22 %
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	1,400.00	3,111.08	1,088.92	25.93 %
400-35-000-522900	Postage	14,000.00	14,000.00	1,070.00	5,999.07	8,000.93	57.15 %
400-35-000-522950	Credit Card Fees	22,000.00	22,000.00	1,797.71	9,547.63	12,452.37	56.60 %
400-35-000-530100	Subscriptions	0.00	0.00	14.99	154.45	-154.45	0.00 %
400-35-000-530410	Parts-Vehicle	5,000.00	5,000.00	0.00	1,207.59	3,792.41	75.85 %
400-35-000-530415	Parts-Equipment	10,000.00	10,000.00	47.78	3,994.59	6,005.41	60.05 %
400-35-000-530420	Office Supplies	1,200.00	1,200.00	79.85	499.62	700.38	58.37 %
400-35-000-530500	Asphalt/Rock/Cement	30,000.00	30,000.00	816.45	4,193.40	25,806.60	86.02 %
400-35-000-530600	Straw/Seeding/Plants	500.00	500.00	119.18	155.18	344.82	68.96 %
400-35-000-530700	Uniforms & Clothing	3,200.00	3,200.00	0.00	837.47	2,362.53	73.83 %
400-35-000-530800	General Supplies	6,000.00	6,000.00	1,204.35	4,549.33	1,450.67	24.18 %

Budget Report

For Fiscal: 2022-2023 Period Ending: 02/28/2023

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<u>400-35-000-531110</u>	Electricity	180,000.00	180,000.00	10,496.68	49,991.37	130,008.63	72.23 %
<u>400-35-000-531120</u>	Heating Fuel	3,000.00	3,000.00	618.33	2,149.11	850.89	28.36 %
<u>400-35-000-531300</u>	Gasoline & Oil	24,000.00	24,000.00	0.00	10,221.12	13,778.88	57.41 %
<u>400-35-000-532100</u>	Meters & Hydrants	63,200.00	63,200.00	3,244.42	27,375.61	35,824.39	56.68 %
<u>400-35-000-532200</u>	Pipe & Fittings	38,200.00	38,200.00	5,518.48	15,662.45	22,537.55	59.00 %
<u>400-35-000-533100</u>	Chemicals	15,000.00	15,000.00	687.74	8,433.45	6,566.55	43.78 %
<u>400-35-000-533300</u>	Janitorial Supplies	200.00	200.00	32.03	79.70	120.30	60.15 %
<u>400-35-000-534100</u>	Depreciation Expense	430,000.00	430,000.00	0.00	0.00	430,000.00	100.00 %
<u>400-35-000-534200</u>	SmallTools/Equipment/Furnishings	50,430.00	50,430.00	5,416.59	38,270.13	12,159.87	24.11 %
<u>400-35-000-541100</u>	Improvements Other Than Building	692,000.00	724,900.00	7,496.00	91,333.40	633,566.60	87.40 %
<u>400-35-000-541110</u>	Water System Improvements	300,000.00	300,000.00	0.00	22,935.93	277,064.07	92.35 %
<u>400-35-000-542100</u>	Vehicles	45,000.00	45,000.00	0.00	0.00	45,000.00	100.00 %
<u>400-35-000-542200</u>	Machinery & Equipment	55,000.00	55,000.00	0.00	998.00	54,002.00	98.19 %
<u>400-35-000-559110</u>	Interest Expense	123,000.00	123,000.00	0.00	0.00	123,000.00	100.00 %
<u>400-35-000-559140</u>	Amortization Bond Issuance Costs	-44,920.00	-44,920.00	0.00	0.00	-44,920.00	100.00 %
<u>400-35-000-559200</u>	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	73,684.86	656,062.59	2,839,357.41	81.23%
	Fund: 400 - WATER FUND Surplus (Deficit):	-1,396,610.00	-1,429,510.00	86,899.23	200,204.18	1,629,714.18	114.01%
	Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	86,899.23	200,204.18	1,629,714.18	114.01%

Group Summary

Account Type	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 400 - WATER FUND						
Revenue	2,065,910.00	2,065,910.00	160,584.09	856,266.77	-1,209,643.23	58.55%
Expense	3,462,520.00	3,495,420.00	73,684.86	656,062.59	2,839,357.41	81.23%
Fund: 400 - WATER FUND Surplus (Deficit):	-1,396,610.00	-1,429,510.00	86,899.23	200,204.18	1,629,714.18	114.01%
Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	86,899.23	200,204.18	1,629,714.18	114.01%

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	86,899.23	200,204.18	1,629,714.18
Report Surplus (Deficit):	-1,396,610.00	-1,429,510.00	86,899.23	200,204.18	1,629,714.18



City of Washington, MO

Budget Report Account Summary

For Fiscal: 2022-2023 Period Ending: 02/28/2023

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 410 - SEWAGE TREATMENT FUND						
Revenue						
410-36-000-434600	Sanitary Sewer District	0.00	0.00	13,864.59	33,987.54	33,987.54 0.00 %
410-36-000-450600	Penalties/Interest Charges	30,000.00	30,000.00	2,669.13	13,082.34	-16,917.66 56.39 %
410-36-000-450900	Revenues-All Other	0.00	0.00	480.00	5,038.45	5,038.45 0.00 %
410-36-000-454100	Sewer Service Charges	2,500,000.00	2,500,000.00	202,424.79	1,027,850.32	-1,472,149.68 58.89 %
410-36-000-454125	Surcharge Fees	15,000.00	15,000.00	3,318.70	16,310.97	1,310.97 108.74 %
410-36-000-454150	Leachate Disposal Charge	40,000.00	40,000.00	4,930.00	10,330.00	-29,670.00 74.18 %
410-36-000-454200	Sewer Connection Charges	80,000.00	80,000.00	11,088.00	34,292.30	-45,707.70 57.13 %
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 Income,-Bond Acct.	230,000.00	230,000.00	0.00	5,206.88	-224,793.12 97.74 %
	Revenue Total:	2,898,000.00	2,898,000.00	238,775.21	1,146,098.80	-1,751,901.20 60.45%
Expense						
410-36-000-510100	Salaries/Wages-Regular	231,250.00	231,250.00	9,549.18	99,861.65	131,388.35 56.82 %
410-36-000-510300	Salaries/Wages-Overtime	9,030.00	9,030.00	243.75	969.93	8,060.07 89.26 %
410-36-000-511100	FICA Taxes	18,380.00	18,380.00	717.40	7,458.57	10,921.43 59.42 %
410-36-000-511300	Health Insurance	43,440.00	43,440.00	3,240.08	18,292.85	25,147.15 57.89 %
410-36-000-511400	Dental Insurance	2,600.00	2,600.00	276.82	1,270.30	1,329.70 51.14 %
410-36-000-511600	Life Insurance	320.00	320.00	25.89	147.16	172.84 54.01 %
410-36-000-511700	LAGERS Retirement Plan	14,890.00	14,890.00	607.17	6,251.50	8,638.50 58.02 %
410-36-000-512605	Employee Incentive Program	150.00	150.00	0.00	160.00	-10.00 -6.67 %
410-36-000-512700	HRA Deductible	4,590.00	4,590.00	0.00	44.56	4,545.44 99.03 %
410-36-000-520250	Administration, Finance & IT Depar	112,030.00	112,030.00	0.00	37,343.32	74,686.68 66.67 %
410-36-000-520300	Technical Services	20,160.00	20,160.00	520.28	8,830.75	11,329.25 56.20 %
410-36-000-520400	Other Contracted Services	34,150.00	34,150.00	1,033.42	11,311.16	22,838.84 66.88 %
410-36-000-521540	Uniform Cleaning Service	900.00	900.00	77.44	454.22	445.78 49.53 %
410-36-000-521560	Building Repair & Maintenance	500.00	500.00	0.00	147.05	352.95 70.59 %
410-36-000-521620	Equipment Repair & Maintenance	27,000.00	27,000.00	120.00	4,430.60	22,569.40 83.59 %
410-36-000-521630	Vehicle Repair & Maintenance	11,000.00	11,000.00	0.00	316.60	10,683.40 97.12 %
410-36-000-521640	Equipment Rental	2,000.00	2,000.00	4,992.64	16,505.68	-14,505.68 -725.28 %
410-36-000-522100	Advertising	500.00	500.00	37.50	501.50	-1.50 -0.30 %
410-36-000-522200	Property, Liability & Casualty Insura	22,600.00	22,600.00	0.00	5,224.68	17,375.32 76.88 %
410-36-000-522210	Self-Insurance Deductible	300.00	300.00	0.00	53.55	246.45 82.15 %
410-36-000-522300	Printing/Duplicating	800.00	800.00	0.00	1,047.98	-247.98 -31.00 %
410-36-000-522400	Telephone	2,600.00	2,600.00	233.85	868.31	1,731.69 66.60 %
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	78.07	421.93 84.39 %
410-36-000-522900	Postage	6,000.00	6,000.00	535.00	2,603.00	3,397.00 56.62 %
410-36-000-522950	Credit Card Fees	22,000.00	22,000.00	1,797.71	9,547.62	12,452.38 56.60 %
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	0.00	4,774.71	725.29 13.19 %
410-36-000-530415	Parts-Equipment	7,500.00	7,500.00	36.52	2,943.11	4,556.89 60.76 %
410-36-000-530420	Office Supplies	750.00	750.00	68.75	421.23	328.77 43.84 %
410-36-000-530500	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	0.00	225.50	274.50 54.90 %
410-36-000-530700	Uniforms & Clothing	1,000.00	1,000.00	0.00	143.15	856.85 85.69 %
410-36-000-530800	General Supplies	3,050.00	3,050.00	359.00	1,871.21	1,178.79 38.65 %
410-36-000-531110	Electricity	44,000.00	44,000.00	3,555.55	14,426.49	29,573.51 67.21 %
410-36-000-531120	Heating Fuel	3,000.00	3,000.00	618.32	2,149.07	850.93 28.36 %
410-36-000-531300	Gasoline & Oil	16,000.00	16,000.00	0.00	8,842.30	7,157.70 44.74 %

Budget Report

For Fiscal: 2022-2023 Period Ending: 02/28/2023

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
410-36-000-532200	Pipe & Fittings	7,200.00	7,200.00	19.45	4,264.51	2,935.49 40.77 %
410-36-000-532270	Manhole Replacement Program	15,000.00	15,000.00	0.00	0.00	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	32.03	79.69	320.31 80.08 %
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	Small Tools/Equipment/Furnishings	39,300.00	39,300.00	135.53	14,768.60	24,531.40 62.42 %
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 Improve	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	80,599.87	78,500.13 49.34 %
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	8,518.46	81,723.74	188,356.26 69.74 %
410-36-361-510300	Salaries/Wages-Overtime	9,900.00	9,900.00	162.84	3,649.08	6,250.92 63.14 %
410-36-361-511100	FICA Taxes	21,410.00	21,410.00	623.23	6,175.22	15,234.78 71.16 %
410-36-361-511300	Health Insurance	62,390.00	62,390.00	3,331.39	16,656.96	45,733.04 73.30 %
410-36-361-511400	Dental Insurance	3,010.00	3,010.00	236.75	981.91	2,028.09 67.38 %
410-36-361-511600	Life Insurance	380.00	380.00	22.68	113.39	266.61 70.16 %
410-36-361-511700	LAGERS Retirement Plan	17,360.00	17,360.00	538.22	5,293.01	12,066.99 69.51 %
410-36-361-512605	Employee Incentive Program	300.00	300.00	0.00	120.00	180.00 60.00 %
410-36-361-512700	HRA Deductible	6,240.00	6,240.00	0.00	1,011.22	5,228.78 83.79 %
410-36-361-520250	Administration, Finance & IT Depar	112,030.00	112,030.00	0.00	37,343.32	74,686.68 66.67 %
410-36-361-520300	Technical Services	17,500.00	17,500.00	3,464.03	8,403.92	9,096.08 51.98 %
410-36-361-520400	Other Contracted Services	29,400.00	29,400.00	2,838.81	7,231.93	22,168.07 75.40 %
410-36-361-521540	Uniform Cleaning Service	1,200.00	1,200.00	58.08	352.92	847.08 70.59 %
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	935.40	3,046.43	137,953.57 97.84 %
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	315.00	185.00 37.00 %
410-36-361-522200	Property, Liability & Casualty Insura	29,200.00	29,200.00	0.00	6,970.36	22,229.64 76.13 %
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	0.00	1,047.98	-47.98 -4.80 %
410-36-361-522400	Telephone	4,100.00	4,100.00	346.20	2,506.31	1,593.69 38.87 %
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	535.00	2,629.92	3,370.08 56.17 %
410-36-361-530200	Lab Supplies	7,000.00	7,000.00	351.31	570.02	6,429.98 91.86 %
410-36-361-530410	Parts-Vehicle	1,500.00	1,500.00	0.00	201.77	1,298.23 86.55 %
410-36-361-530415	Parts-Equipment	59,400.00	59,400.00	8,990.29	37,119.82	22,280.18 37.51 %
410-36-361-530420	Office Supplies	200.00	200.00	0.00	16.99	183.01 91.51 %
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	150.00	335.79	464.21 58.03 %
410-36-361-530800	General Supplies	1,800.00	1,800.00	148.40	649.14	1,150.86 63.94 %
410-36-361-531110	Electricity	188,000.00	188,000.00	12,554.21	51,686.41	136,313.59 72.51 %
410-36-361-531120	Heating Fuel	20,000.00	20,000.00	3,561.31	14,958.60	5,041.40 25.21 %
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	2,361.38	6,717.38	18,582.62 73.45 %
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	9,424.43	5,025.57 34.78 %
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	40,909.48	40,909.48	9,090.52 18.18 %

Budget Report

For Fiscal: 2022-2023 Period Ending: 02/28/2023

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<u>410-36-361-559130</u> 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	121,032.31	722,935.74	4,617,214.26	86.46%
Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,438,710.00	-2,442,150.00	117,742.90	423,163.06	2,865,313.06	117.33%
Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	117,742.90	423,163.06	2,865,313.06	117.33%

Budget Report

For Fiscal: 2022-2023 Period Ending: 02/28/2023

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	238,775.21	1,146,098.80	-1,751,901.20	60.45%
Expense	5,336,710.00	5,340,150.00	121,032.31	722,935.74	4,617,214.26	86.46%
Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,438,710.00	-2,442,150.00	117,742.90	423,163.06	2,865,313.06	117.33%
Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	117,742.90	423,163.06	2,865,313.06	117.33%

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	117,742.90	423,163.06	2,865,313.06
Report Surplus (Deficit):	-2,438,710.00	-2,442,150.00	117,742.90	423,163.06	2,865,313.06

Memorandum

TO: Darren Lamb, City Administrator
Board of Public Works

FROM: Kevin Quaethem, Public Works Superintendent

DATE: March 28, 2023

RE: Work Performed by the Water and Wastewater Departments

STATUS OF MAJOR CONTRACTS – FEBRUARY 2023

PROJECT	VENDOR	CONTRACT AMOUNT	PREVIOUSLY APPROVED	CURRENTLY APPROVED	BALANCE
Enduro & Clay St Water Storage Tanks	Cochran Eng.	\$54,000.00	\$49,287.87	\$0	\$ 4,712.13
CIPP – Sliplining Project 2023	Insituform	\$340,231.00	\$0	\$0	\$340,231.00
Southpoint Ground Water Storage Tank	Cochran Eng.	\$74,960.00	\$52,472.00	\$3,759.69	\$18,728.31
Southpoint Ground Water Storage Tank	K.J.Unnerstall Construction	\$132,319.00	\$0	\$0	\$132,319.00
Southpoint Ground Water Storage Tank	Caldwell Tanks	\$1,869,800.00	\$0	\$0	\$1,869,800.00

FEBRUARY 2023

Water Pumped. 43,163,135 gallons, 1.54 mgd

Wastewater Effluent Flow. 60,580,000 gallons, 2.16 mgd

Missouri One Call Locate messages.....223

Meters Issued as New.9

Meters Replaced0

Meters Issued for Irrigation systems0

Service Requests/Meter Appts./Work Orders.....30

Sewer Routines26

Delinquent Accounts shut off.39

WATER DEPARTMENT FIELD WORK PERFORMED – FEBRUARY 2023

1. Shop Maintenance
2. Meter/Swapping/Repair
3. Check Wells/Lift Stations/Heaters
4. Water break at 7th and Stafford
5. Water leak at Mercy Hospital
6. Water break at 4 Chamber Drive
7. Water leak at Whispering Oaks
8. Water break at 604 Hooker
9. Water Tap at Hanover Place
10. Water break at Mike Alan Drive

WW DEPARTMENT FIELD WORK PERFORMED – FEBRUARY 2023

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 main repair at Rose Lane
8. Sewer back up at 107 Dawn Valley
9. Sewer back up at Riverview Place
10. Sewer back up at 220 Valley Drive
11. Sewer back up at Lafayette
12. Sewer back up at 11 Laura Lane

ROUTINE FIELD WORK

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.

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 System Name Washington Water Dept.				Laboratory Name Franklin County Lab			
Street Address 405 Jefferson Street				7419 Hwy 47 Ste. A Union, MO			
City Washington		Zip Code 63090		Certification Number 00700			
County Franklin		I.D. Number MO6010838					
Date M/D/Y	Collection Point	Sample Type	Location Code	Sample Results		Chlorine Residual	
				Coliform	E-coli	Total	Free
2.7.23	2556 King Crest Ct	R	R-7	A	A	0.76	0.70
2.7.23	1901 W Main	R	R-17	A	A	0.28	0.22
2.7.23	519 Washington Ave	R	R-12	A	A	0.87	0.83
2.7.23	1651 W 5th St	R	R-16	A	A	0.37	0.37
2.7.23	405 Jefferson	R	R-4	A	A	0.65	0.62
2.15.23	1220 Lakeshore	R	R-1	A	A	0.41	0.40
2.15.23	601 W 7th St	R	R-14	A	A	0.81	0.76
2.15.23	519 Washington Ave	R	R-12	A	A	1.02	1.01
2.15.23	405 Jefferson	R	R-4	A	A	0.49	0.48
2.15.23	4 Chamber Dr	R	R-3	A	A	1.19	1.13
2.22.23	1 Nick Ridge Dr	R	R-15	A	A	0.74	0.53
2.22.23	1 Scenic Dr	R	R-11	A	A	0.89	0.83
2.22.23	404 E 2nd St	R	R-13	A	A	0.76	0.60
2.22.23	550 E 14th St	R	R-5	A	A	1.02	0.98
2.22.23	6354 Bluff Rd	R	R-18	A	A	0.32	0.23
2.28.23	Mike Allen Dr	S		A	A	0.97	0.93
				Signed: Kristen Wideman		Date: 3.1.23	
Total Routine Samples: 15				Title: Lab Assistant			
Monitoring Violation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							

