

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday September 26, 2023

The Regular Meeting of the Board of Public Works held on September 26, 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	Present
Ex-officio Member	Steve Strubberg	Present
Ex-officio Member	Vacant	

OTHERS:

Council Representative	Mike Coulter	Present
Council Representative	Chad Briggs	Absent
Mayor	James Hagedorn	Present
City Administrator	Darren Lamb	Present
Public Works Superintendent	Kevin Quaethem	Present
Water/Wastewater Admin. Asst.	Sarah Skeen	Present
Interim City Engineer	Charles Stankovic	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. Richardson to approve the minutes from the regular meeting held August 21, 2023 meeting. The motion passed without dissent.

Priority Items

None

Wastewater

Pay request from Insituform for \$73,996.10. They are completely done. We are playing catch up on payments now so there will probably be a final payment yet to come through, but I am not sure exactly where they are at on that so we will probably have one more yet. They did a good job, as usual. It took them a little bit, they had to wait on materials just like everybody else that is in the industry doing anything. You hurry up and wait, it seems like a lot of time, but it is complete.

A motion made by Mr. Mitchell and seconded by Mr. Richardson to approve payment to Insituform in the amount of \$73,996.10. The motion passed without dissent.

We are currently working on the '24 budget year of slip lining so we will have that packet put together here in the next couple of months ready to roll out for bid.

Brookview sewer line creek crossing out of Brookview subdivision collapsed. We are finally to the point that we are ready to start working on it. Cochran did all the design on it for us. Brian is here if you have any questions about that. We went out for bid; we got two bids. Two local contractors, Sieve Construction and KJU. KJU came in with the low bid, so I am asking for your approval to proceed and get that started so we can get that situation taken care.

A motion made by Mr. Radetic and seconded by Mr. Richardson to approve the bid from KJU. The motion passed without dissent.

The funds for something like that, obviously that is not a budgeted item, where does that come from? That will come out of any extra that we might have had through the year, savings that we were able to acquire by not spending as much money, or it will have to come out of reserves to do this. This is one of those situations, when we start talking about sewer rates, the things that we don't know are going to happen that we have to have funds in reserve to be about to do these kinds of emergency repairs. Unfortunately, that is where that might have to come out of, I am not sure yet exactly. We are always a little behind on the budget numbers, a month or a month and a half. As of this budget, it looks like we are okay. Either way, it has to be done so you know we just got to fund it.

Sewer rate presentation needs to be moved to the end.

Before we get started, I know you guys gave a recommendation at your last monthly meeting. I since talked to Kevin, and we also talked with Mark Piontek and the discussion we had about building up reserves for what we will be needing as an expansion of the existing treatment plant as well as building up reserves just to get your wastewater fund so that it is self-sustaining, it doesn't need to rely on the capital improvement sales tax for improvements for your system. Keep that up to date and put in a CPI escalator every year just like we have for water fees as well. As we discussed this, a question that Mark brought up to me, that if you want to have something available in there for the expansion of the treatment plant, why would you put that completely on the backs of the existing users that are currently paying off the system today? He said you probably need to go ahead and address your connection fees as well. If you truly have new users coming in and they are the reason why you have to get the plant expanded, why wouldn't you address that at the same time. I talked to Kevin, we took a look at that, we wanted to take a look at rates that other

entities around us have, essentially what we found is that we are about 50% of what the others are charging for their connection fees and that is just right outside of the city limits. That is the Water District number one and Water District number three. In essence, as we all know we kept the basic rate the same, we went from \$3.02 up to \$7.00 per 1000 gallons. I had hoped that we would be able to drop that a little bit lower than what we did but we were still able to drop it down to \$6.88. What we were trying to do is, and you will see in the slides, we had about \$259,000 revenue over expenditures, and we dropped that down to \$200,000 with the rest of it being made up in connection fees as we move towards the future. That is a little bit of a subtle change, I am glad you guys have had a chance to go ahead and review this again. I know it is short notice because tomorrow night is our hearing in front of the council. We will not have an ordinance at that time, it will just be a hearing to give the general public if they have any questions. I just wanted to give you that update as to why we are coming back, why there is a little bit of a subtle change, and it is probably best that we address those connection fees at the same time.

Here are our current rates and current revenues as they are today. If we stayed at this point and didn't do anything, we would end up at the end of the '24 budget year in expenditures over revenue we would be in the hole by 1.6, 1.7 million dollars in operations. That is encompassing the wastewater department being self-sufficient. Enterprise funds should be self-sufficient. Then we put in what you proposed when we went through it last month and that is where we came up with our dollar amount and that would be without the connection fees. We would have revenue over expenditures of almost \$260,000 and that is putting all the load of everything of growth and everything on the users and nothing on the incomers. So, what we did was, like Darren said, we got together and we looked at if we raised connection fees what is the lowest we can go with our user rates, to try to make it as user friendly as possible. We did come up with a \$6.88, which is the lowest we could go and still keep at least \$200,000 revenue. That revenue over expenditure covers things like what you guys just approved for the creek crossing that went out. You know that is kind of what we don't have planned. We don't budget unknown things so you rely on that a little bit to be able to offset some of that cost and we have got several creek crossings in town that could happen at any given time. We just don't know; we watch them as close as we can but you just don't know. That is what staff is proposing. Then I went ahead and put some stuff in here to let the general public, because this is a public meeting, to let the general public see some of the things that we are doing. What you see on the right is a slip lined line. This is a slip lined video, so you see where they cut out the slip lining as they went through the manhole to improve the structure of the sewer lines. I also brought in some pictures and a video to put some out there to let people know, that truck sitting right there in the middle of the screen, that vac truck we bought a little over five years ago, that truck cost just a hair under \$400,000. If we had to replace that truck today, you are looking at over \$900,000, almost a million dollars to replace that truck. So those are the costs we are looking at going down the road, we have to have funds to be able to do that. Walnut Street lift station is our most important lift station in the system. That takes everything from the northwest side of town and pumps it to the treatment plant. If we had to completely rebuild that lift station from ground up, you are probably looking at least a million dollars to do that. Those are the things that we have to look at. What if this would happen, what is it going to cost just to rebuild that station. In 2010, I think we rebuilt that and put in new pumps and that was almost \$400,000 to just put in new pumps and controls. (Video playing) This is just one station, this is leading up into the maintenance side of what the crews, this is what they deal with almost on a daily basis. What he's pulling out of that is ground up hand wipes. They do not break down, that is a grinder pump and it will grind them up but then plugs itself up, which then causes undue stress to the windings to the electrical side of the motor and then eventually that motor will have to be replaced.

That one right there, would cost about \$116,000 to replace that pump and motor, that is a unit for that station. We don't talk about, and we don't show a lot of what we do in the industry. It has pretty much been out of sight out of mind. I think that it is time to bring it into sight and mind. That bucket there is hand wipes you can see they are ground up hand wipes that plugged up the inlet of that pump, that is what is left over from what it tried to grind up and get out of it. That is what we are seeing on a daily basis out in the system. We have got 12 lift stations and everyone of them are having this problem, so it is time we get it out there. On the left, what looks like a black blob in the center of that sewer line, there is a blockage of hand wipes. That is one of our lined lines, after we slip line we spray line all the manholes. That is one that has been sprayed. It is an orange color when it is nice but it gets sewage, so it changes but the structure of that is still has great integrity.

Is there any way to trace some of these things back? I know when we had a problem down in Rabbit Trail, we had a pretty good idea where they were coming from. Not really because we usually gather it downstream. It is usually at a point where there is something that causes one to catch on then one makes two, then three, and then it builds up like this and by the time we know about it, because we don't have the manpower to go look at every manhole every day to see what it looks like. It is usually due to a backup, so we respond, find this situation, we clean it, and to track it back is nearly impossible. On the right side, that is one of our lift stations, as you can see that is the build up around it, and we have to go in with our vac truck, and thankfully we have it, and we have to clean it out. This particular lift station, that is a once-a-week experience, we have to go out and clean that. It is the nature of the industry. That is manpower, that is time, use of the truck. Everything builds up. This is some of the costs from last year, last couple of years, and then some of the proposed projects that we have coming up. It is just some of the numbers, trying to let people see, it is expensive to run a wastewater department, whether it is the treatment plant itself or the collection side. They are both very expensive to operate. Just some pictures to let you see the vac truck and vac trailer for valve exercising machine, we use that for hydro excavation just like we use our trucks. Some very important pieces of equipment and to replace them is costly. Then we go into the connection fees. Here is where we started looking at our connection fees and what we currently have in place. What the area is generating, and what the local areas that are generating. There is such an array of connection fee concepts out there. It is almost like we need to figure out and do the rate as what the City of Washington needs and not what everyone else is doing. We just tried to use them as numbers to see where we stood. As you can see we are quite a bit lower than what our current local areas that our builders are building in. The biggest thing we've got, you see there, is that we set a maximum there. If you look at the Shoe Factory over there, that 85-unit dwelling, you can see that we set a \$3600 maximum fee for all of that. You look at what the other cost of what it would be if you were to build the same unit out into the water district number one, number three, or even O'Fallon. O'Fallon has a pretty decent model that we are looking at but I mean, you can see the difference in how much you are generating on those fees. On the right you have got the single-family home that you know, about half of the cost of what you are seeing is just right around us. You see the number up there, that's how much you received in connection fees over this past year. Plus, with the amount of building that is going up, this is a lot of money we are talking about. In the next slide, if we would have charged the fees that we are looking at going to, and this would be our new rate structure, it models the O'Fallon structure, which makes the most sense and it was the easiest one to take over and follow. We reduced the rates by 20 percent from what O'Fallon is doing only because you know we are Washington. If you look at that, if we had been charging these rates for all that development on the last screen, these would have been our potential connection fees of \$190,000 had we had this in place. I hate looking backwards, but you have to sometimes. That is what it would have been so

moving forward, that is kind of the potential we could be looking at possibly on a yearly event. That is the proposed sewer rate. That user connection fee increase is what would be used to cover the expansion of our plant. Right now, two new VLRs and a new clarifier, that is what that would be covering. Right now, that would cost \$1.2 million of today's dollars. Staff doesn't think that we need to expand until '29, '30, looking at the numbers that we've got currently we are at 2.4 million gallons a day on average for the last month and this month. With the current growth on the books right now, it is going to take, if you do the calculations with the daily usage and the people, by the time that is done. We have been looking at probably 2 ½ to 3 percent growth based on what we have experienced in the last five years. If you take it on the high side of 3 percent and you look at what Kevin has currently at 2.2 million gallons per day, you would be somewhere around 2.6, 2.7 by the time you get to 2029. 2029 is significant because that is when you pay off the note or the bonds on the existing plant that you have down on Southpoint. So, you are going to have another million dollars a year in revenue. At that point, to go ahead and start building up or putting into reserves for when the plant needs to be expanded. The good news is that if we continue at 3 percent, you may have five years beyond 2029 before you have to look at where you are at 75% capacity of what there is today. So, you do have some time to go ahead and address it. I think we need to look at 2029 when that bond is paid off, where are we at and what do we need to readdress at that time but that is what we are seeing right now and that is what we are projecting. I also talked with Cochran a little bit about that expansion that is 12.2 million in today's dollars, what do we need to go ahead and do the expansion, at that point you know you are looking at \$15 million. This plant is going to be about 20 years old by 2029, what you haven't budgeted for is what is going to start breaking. I budget that every year in the operational side of it, which is part of the user rate side. Replacing the VFDs, replacing pumps, replacing all that compressor stuff. We are already currently do that as we go. So, we are not just sitting back and waiting and then 20 years we are going to have to do everything. That is not the way a plant operates, a plant doesn't say okay, I am going run for 20 years and I am going to break down. I have three VFDs sitting right now for my disc aerators that need to be replaced this year so yeah that is how we operate that plant, both sides actually. Basically we have two plants, we have our main vertical loop plant, which we all know as the treatment plant, but we also have a sludge processing plant, the old plant, that processes all of the byproducts that we have to take out of the system so that in itself is another plant which we have a belt press in there that needs to be rebuilt this year, and we are sitting at about \$220,000 for that, which is a vital piece of equipment in the sludge processing side of it. So, everything runs together, lift stations they start it, I have \$100,000 in the budget for a lift station that needs to be rebuilt. We are trying to rebuild one every year. It is going to be a continuous cycle. It is never going to stop.

So how long is it going to be before we start implementing the new fees to be charged? We are looking at implementing that January 1st along with the new codes. We are not going to have an ordinance for the council, but we hope to have it for the first meeting or the second meeting in October but yes, we would like to go ahead and start for the first of the year. This gives anybody that out there any of the builders, when you are talking about increasing those connection fees, give them time to go ahead and plan out what their going to. Have to go ahead and charge, after the first of the year. After the first of the year, because we all know cost is going to get passed on and this is something we want to be aware of with regards to it because that is apart of your development costs and we don't want to price yourselves out either.

I remember from last meeting that our base rate is pretty much lower than comparable communities, have we discussed when we are going to bring it to the voters to raise that?

I think that we will look at that in '29 when we address that. The base rate is driven by "you will have to pay this rate" regardless, doesn't matter. User rates can be adjusted by the user if you want

to pay less for your sewer, you use less water. When you raise a base rate, there is no adjustment to that. That is saying you will pay this with what we have planned for right now, I am very comfortable thinking that we can maintain and grow with what we are proposing now to get to '29 and stay in the black and operate the way we are supposed to operate. With the CPI escalator along with that to help offset that increase in cost that we have every year for the materials and operations. That is what we have to address when we need to do the expansion because something going to have to happen. We are not going to have all of the revenue; we know that we are going to have to go out for a bond. We are going to have to borrow money, that money will have to be paid back. At that point, we are going to have to look at rates again to say, what do we need to do, and I think at that point is where we would look at the base rate to say "okay we raised user rates, now lets look at the base rate and see what we can do there. We can do it at any time, it is something that has to go to the vote of the people, which isn't a problem. It is all about operations and growth and we have to do it. I think that is something we can look at down the road and we are going to be reviewing this. I am going to be looking it every year for sure, as long as I am here. I am going to be looking at it at least every three years. I am going to get with Darren and as long as we are here, and review this and make sure we are going down the right path. We don't want to sit here and just wait until '29 and say okay now what are we going to do. We should be looking at that and try to evaluate where we are at, at that point in time. You are going to want to look at that base rate again when you get the bonds paid off the existing one that you got in '29 or when you are ready to go out for an expansion. I think that the goal is, we have said it all along, we want to make this a self-sustaining fund, but you don't want to go like what happened to the city in 2009, where you go ahead and go out for a bond for the entire amount to go ahead and build a plant because you don't have anything in reserve. That is not what we want to do. I would just say that that base rate, I would like to think we would certainly do a little more looking forward. I think you start talking '29 you are just kicking the can and we don't want to do that.

Back to your first slide on there, we were projected 2024 to be 1.6 million deficit, someone from the general public would ask, well where will you end in '23 and how did you all of a sudden get to 1.6 million in the hole? How we are getting to that point is us encompassing all the costs in the Wastewater Department being self-funded, self-sufficient. For '23 we are going to be just barely breaking even. We went from receiving to not receiving the half cent sales tax for slip lining and not receiving funds from the stormwater fund and continuing on that course of slip lining what we have always slip lined and maintaining the standard we are at right now and the increase in cost of operations, like I said that one pump I was talking about, last year that would have been \$5,000, if I had to order it for '24, it is \$16,000. I would have left whatever that 202 that you have at 259 and still increased your fees because again you are just kicking the can down the road with a smaller band-aid. It is a minimal decrease from \$7.00 to \$6.88, but it is really up for you guys, I will take your recommendation. We can't address this without addressing the connection fees. I think that was a great catch in doing that, I am just not so sure that that wasn't...we were at 259 we are a little better because we found the connection fee. That one project that we just did that we gave the bid to KJ, that sewer line project, \$96,000, one or two of those and you are back in the hole. I think we are moving in the right direction, I just don't think we should so focused on kicking the can. We have kicked the can for a lot of years and that is why we are having this discussion now. I was pretty much at the end of the presentation; we will go to the end to make sure you didn't miss anything. There was a summary there.

How much does this impact on a normal household a year versus a business up in the industrial park? The businesses are going to notice a higher hit than the residential. We had that on the handout. I don't have that with me. The average increase was like \$14, that is the increase, added to your current bill. If you were paying \$20 that would be added to that.

You guys did ask me a couple of questions in last month's meeting so I want to get them to you. **One was, do you have a number of users that will be less than 1,000 gallons?** Under 1,000 gallons would be 470 users. That is pretty much your low usage ones. 1,000 to 3,000 gallons, there are 2,386. 3,000 to 5,000 gallons, there would be 1,778 users. Over 5,000 gallons, there would be 1,451 users. Our midrange users are the ones that are the highest of the changes. That is a total of 6,085 accounts that use sewer. We have some that use water and not sewer, like irrigation and stuff but that is on the water side.

Another one was, do we know a number, based on normal usage, when we would get to the point that we have to expand? We talked about that, I took our current flow to the treatment plant is 2.4 million last month, if we take what we have that is in the books today that is planned to be built for users and we do the calculations, by the time in two or three years projection, we would be at 2.6 million gallons per day. We are not jumping fast, but what this doesn't take in is the growth that is happening on the south side of the city out in the district, because we are taking in their sewer when we put that trunk line in back in 2008, 2007. When we did that all the way out to Country Club. We are picking up all those users now too so as that grows with users we will be taking in that volume and we really don't know what that is. There is a lot of development out there and there is a lot going on out there so we don't know what those real numbers are. It is a challenge to find some of that, and we don't know what the industry is going to do. If we get a big user that comes into town. There is a way for them to offset the cost of an expansion, but that is the numbers we don't know that would be adding volume to it. There are some numbers that are unknowns out there but what we do know is that we would be at 2.6 by the time what we currently have in the books today to be built that is either ready to be built or in the planning stages.

What is the capacity of the plant? Four million gallons daily, when we hit three we have to be in the expansion design at three so I'd say 2.8 we really need to start looking at it. That is currently what we have in the books to be right now it is at 2.6 at that point of time.

The meeting is coming up tomorrow night, Wednesday night at 6:00pm.

Water

Pay request from Caldwell Tank for \$731,842.68. All materials are out there, they are working diligently. They are on the 5th ring; they are going to step up production if they could. Still shooting to have it built and the structure sound by November. It will be primed at that point in time. The project will be put on hold until April when they will come back and start getting prepared to paint it. A projected finish date, sometime in June, June 15th, and we will be online in June of next year. The reason for that, just so that everyone knows there is a certain window that you cannot paint in. That is the window we will be finishing the construction on, so you don't want to take a chance and try painting it and then everything falls apart and then you got to repaint it which becomes a whole other nightmare. So, it is best you just let it sit and then you come back when the season warrants it being painted. Darren asked me, and I think it is a great idea to look at changing the logo, so I am working with Cochran on that. Instead of having Washington, putting the city logo on the tank. If we do that, there will be an additional cost that is going to change the cost a little bit, but we don't know until we get it figured out. I am also going to look at the other three tanks and we need to make them all the same if we are going to do it, it all needs to be the same. We may be looking at a yearly change, depending on what the cost is. If we can absorb it in a couple years, it'd be great. I won't know until we get the cost, but we are going to work on that and see what it looks like. I kind of like the idea. I think it is kind of neat to have, rather than just a block Washington, that is kind of old school. You drive around all over the country and you look at all

these tanks that have really neat stuff on it and we got block Washington. At least they know where we are though. Anyway, just to let you know that we are working on that on the tank too.

A motion made by Mr. Mitchell and seconded by Mr. Radetic to approve payment to Caldwell Tank in the amount of \$731,842.68. The motion passed without dissent.

Anytime there is a street project, we evaluate how many times we have had a water main break or issues on the street, and we discussed it in a staff meeting and we determined if that line needs to be replaced before we go through and do the overlay. Second Street is one of our notorious water main break lines. Just in the last couple months we have had two of them in front of the entrance to the Bank of Franklin County and we had one up the street, a couple down the street so we have had enough water main breaks on that to warrant it being a replacement line. That is some of our old infrastructure. That is some of the things that we should be doing out of our water fund, replacing the aging infrastructure so that is what we are doing. We are going to be replacing a 6-inch cast iron line that is in our 100-year group. We are replacing it with a PVC line. All our fire hydrants on that line are fed by what they call a 4-inch feed shoe, so the bottom of the fire hydrant has a valve and shoe system that is 4 inches instead of 6 inches which restricts fire flow. We are going to upgrade all of those to 6 inches. They will all be brand new fire hydrants which will increase fire flow and the quality of water. We won't have the old lines that could leach off iron oxide from the interior, so it is an improvement for the downtown area. We will also be doing the same thing on Main Street in '26. We will be working on Front Street in '24. That is one of our oldest lines in town. It is our highest-pressure line in town. We have about 120 psi on that line. We have had several breaks on that line down there too so when you go do an overlay on streets and you run a vibrator roller down through there to pack that in nice and tight, you are looking at somewhere over 100 tons of weight that is being compacted down which will cause it to break after we get the street done. We are going to replace that, and on the sewer side we are also going to extend our force main from Stafford Street from west end that ties into Stafford Street and then runs gravity all through there. We are actually going to put in a force main along Front Street while all this is going on and dump it into Walnut Street so we can get all of that load from the West End of town off of that gravity line going down on Front Street. So, we are going to use HDPE on that and fuse it together, roll it in the ditch, and run.

How long down 2nd Street? Just the downtown area? From Jefferson Street to Cedar Street. We will continue to do that, anytime there is an older line in an older part of town. We will continue to improve the infrastructure.

How long do you project that to take? We are going to have to work fast, because we are running with Unnerstall. As they do down a block, we are going down a block. We just keep on going through. We are starting on Jefferson Street; we will get our materials today. We will start first thing tomorrow. We will make a live tap on Jefferson Street so we will have to have that intersection shut down. While we do that, we will get that back up and running, we are going to run to the first block, we are going to charge that line, we are going to disinfect it, we are going to put it in service, we are going to come back and make the connections and we are just going to keep on going to try to keep that impact at the same place as we go through. We should probably get that block done in a week, that is the goal. The live tap at the intersection, that is going to take us the longest because that is a Meramec River concrete, getting through it is a nightmare. It will take two weeks to get the curb and gutter and concrete work done, maybe get the asphalt done this fall, most likely spring.

We are required by DNR and EPA to have in our ordinances a lead and copper rule. There is a certain format that they want to have so we put together the ordinance. It hasn't gone to our council or our attorney to be looked at. He will review it and then we will bring it back for approval. We have to have certain verbiage, which is in this ordinance, for the clean drinking water act for the lead and copper rule revisions that are coming down. This is just the starting point, I just wanted to let you guys see that we are moving forward. It will go next to Piontek to review and it will come back to you guys electronically, so we can get it to a council as quick as we can. We are catching up on this.

Other

None

Old Business

None

Next Scheduled Meeting Date

The next scheduled meeting date is Tuesday October 17, 2023.

Adjourn

There being no further business the meeting adjourned on a motion by Mr. Richardson and seconded by Mr. Mitchell. 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: 10/17/23
Re: Vandevanter Engineering – pay request

Attached is a pay request for \$3,413.75, Invoice #5574890, from Vandevanter Engineering for the pump VFD at the Treatment Plant. Payment is recommended and the status is summarized below:

Contract Amount	\$3,413.75
Change Orders	<u>\$0.00</u>
Previous Pay Requests	\$0.00
Pay Request	<u>\$3,413.75</u>
Balance of Contract	<u>\$0.00</u>

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

Martie

INVOICE



VANDEVANTER ENGINEERING

A COGENT COMPANY

INVOICE	
5574890	
Invoice Date	Page
09/28/2023	1 of 3
ORDER NUMBER	
1462433	

Bill To:

City of Washington, MO
 4 Chamber Dr.
 Washington, MO 63090
 US

Ship To:

City of Washington
 Sewage Treatment Plant
 2000 Simmonds
 Washington, MO 63090
 US

Attn: dr Invoices Statements

Ordered By: Gary Bouge

Customer ID: 302337

PO Number		Term Description	Net Due Date	Disc Due Date	Discount Amount		
Verbal Gary Bouge		Net 30	10/28/2023	10/28/2023	0.00		
Order Date	Pick Ticket No	Primary Salesrep Name		Taker			
7/11/2023 14:02:00	3608645	Nick Santangelo		Natasha Smalley			
Quantities				Item ID	Pricing	Unit	Extended
Ordered	Shipped	Remaining	UOM	Item Description	UOM	Price	Price
Carrier:				Tracking #:			

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

1.0000 1.0000 0.0000 EA SID-MFR EA 3,413.7500 3,413.75

Serial Number: CONTROLS AERATOR & PUMP VFD FAULTS
 COGENT FIELD SERVICES

Order Line Notes: CUSTOMER REPORTS VFD FAULTS ON ONE OF THE AERATORS AND ONE OF THE INFLUENT PUMPS THAT WILL NOT CLEAR.

Order Line Notes: Made direct replacements of the Eaton UPS and AB PLC power supply in the generator transfer switch cabinet. Looking through the UPS instructions there is no sensitivitiy adjustments in the menu it was just connecting the battery and turning on. I tested that by unplugging and letting backup power take over. The PLC status lights all went green matching a known good unit and a specific IP address was flashing on the LCD display, all good signs. I met up with Gary and he now had data at the SCADA computer. The PLC clock was synchronized to the SCADA computer with a button graphic and we were able to set a generator maintenance time. The system was functional and the generator started based on a set time clock.

Gary asked me to look at a mixer at the old plant MCC. He says it is not cycling based on SCADA computer time like it is supposed to. I went out to site and just verified the ACL bucket is sourced from the same output whether in hand or auto. No faults were holding out the motor locally. They are able to manually command the mixer on from SCADA but say the timing function hasnt been working. This is not our system so we have not been troubleshooting any PLC issues. This portion of the service call was a courtesy check.

Total Parts Price: 948.75

Total Labor Price: 2465.00

ORIGINAL



COGENT

INVOICE



**VANDEVANTER
ENGINEERING**
A COGENT COMPANY

INVOICE	
5574890	
Invoice Date	Page
09/28/2023	2 of 3
ORDER NUMBER	
1462433	

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

Total Lines: 1

SUB-TOTAL: 3,413.75
TAX: 0.00
AMOUNT DUE: 3,413.75
 Amount Due after 10/28/2023: 3464.96

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



Date: 10/13/2023

To: Board of Public Works

From: Kevin Quaethem, Public Works Superintendent

Subject: Extending sewer main on Fair Steet.

Board,

The Wastewater Department has been having a sewer backup issue in the 400 block of Fair Street. The issue is that there are four houses in this block that are connected on a four-inch service lateral.

Normally we try not to get involved in this, however this is creating an issue for the whole neighborhood, and discharging sewage into the storm drain which flows into an area creek which eventually is received by the Missouri River. We are proposing to extend the sewer line southward for 200' and set a manhole. The current residences laterals will be tied into the new main with each resident becoming responsible for their service line up to and including the connection to the main.

The cost for this project will be approximately \$6000 and will be funded out of the Sanitary Sewer System Improvements fund, and the Stormwater fund as it is assisting with the MS4 permit that is tied together both with Engineering and Wastewater.

We are asking for your approval to proceed with these projects.

Thank You,

Kevin Quaethem

Public Works Superintendent

Memo

To: Board of Public Works
From: Kevin Quaethem, Public Works Superintendent
Date: 10/17/23
Re: Boehmer Brothers – pay request

Attached is a pay request for \$37,979.70, Invoice #2309-161255, from Boehmer Brothers for the water line replacement on 2nd Street. Payment is recommended and the status is summarized below:

Contract Amount	\$37,979.70
Change Orders	<u>\$0.00</u>
Previous Pay Requests	\$0.00
Pay Request	<u>\$37,979.70</u>
Balance of Contract	<u>\$0.00</u>

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



Boehmer Brothers Utility Supply
 75 Schaper Rd
 Foristell MO 63348
 636-463-1384

CUSTOMER COPY



INVOICE

2309-161255 PAGE 1 OF 2

SOLD TO
CITY OF WASHINGTON 405 JEFFERSON ST WASHINGTON MO 63090

JOB ADDRESS
CITY OF WASHINGTON 405 JEFFERSON ST WASHINGTON MO 63090 636-390-1042

ACCOUNT	JOB
WASHINGTON	0
SOLD ON	9/26/2023 1:38:17 PM
CUST PICKUP	
BRANCH	1000
CUSTOMER PO#	2ND ST WATERLINE
STATION	B3
CASHIER	RS
SALESPERSON	RS
ORDER ENTRY	RS

Quantity	UM	Item	Description	D	T	Price	Per	Amount
Order: 2309-161128								
1300	FT	WLSDR216	6" SDR21 GASKET PVC WATER PIPE 20'	N	Y	9.6200	FT	12,506.00
15	EA	GVMJGATEVLV6	6" MJ RW D/I GATE VLV OL L/ACC SS B&N	N	Y	875.0000	EA	13,125.00
2	EA	GVMJXFLGGATEVLV6	6" MJXFLG D/I GATE VLV OL L/ACC SS B&N	N	Y	875.0000	EA	1,750.00
1	EA	TS432663X6	432 SS TAP SLV 6.56-6.90 X 6" SS FLG	N	Y	700.0000	EA	700.00
1	EA	TS432900X6	432 SS TAP SLV 8.60-9.05 X 6" SS FLG	N	Y	765.0000	EA	765.00
2	EA	FLGPAK6	6" FULL FACE FLG ACC PAK 1/8" ZINC "PIZZA BOX"	N	Y	23.0000	EA	46.00
8	EA	MJ456	6" MJ C153 45 BEND L/ACC		Y	87.5000	EA	700.00
4	EA	MJBBRED6X4	6" X 4" MJ C153 REDUCER L/ACC	N	Y	63.0000	EA	252.00
12	EA	MJFOSTER6	6" MJ FOSTER ADAPTER EPOXY COATED W/BLUE T-HEAD ACC	N	Y	164.3500	EA	1,972.20
40	EA	MJTRANSPAK6	6" MJ C153 TRANSITION ACC PACK	N	Y	31.5000	EA	1,260.00
10	EA	WSF34475822	3/4" 74758-22 CTS X CTS PJ CPLG "NL"	N	Y	26.7000	EA	267.00
10	EA	WSF6343891	6"X3/4" 3891 CC BRASS SADDLE F/IPS	N	Y	70.6500	EA	706.50
10	EA	WSF344701Q	3/4" 74701-22 CC X PJ CTS CORP STOP "NL"	N	Y	47.8500	EA	478.50
18	EA	VB562S	562-S 16T/24B VALVE BOX W/LID "WATER"	N	Y	92.0000	EA	1,656.00

Payment Method(s)

	SubTotal	
	SalesTax	
	Deposit	
Please Pay This Amount		

Signature

Martie



Boehmer Brothers Utility Supply
75 Schaper Rd
Foristell MO 63348
636-463-1384

CUSTOMER COPY



INVOICE

2309-161255 PAGE 2 OF 2

SOLD TO
CITY OF WASHINGTON 405 JEFFERSON ST WASHINGTON MO 63090

JOB ADDRESS
CITY OF WASHINGTON 405 JEFFERSON ST WASHINGTON MO 63090 636-390-1042

ACCOUNT	JOB
WASHINGTON	0
SOLD ON	9/26/2023 1:38:17 PM
CUST PICKUP	
BRANCH	1000
CUSTOMER PO#	2ND ST WATERLINE
STATION	B3
CASHIER	RS
SALESPERSON	RS
ORDER ENTRY	RS

Quantity	UM	Item	Description	D	T	Price	Per	Amount
10	EA	QTLUBE	QUART PIPE LUBE	N	Y	1.0000	EA	10.00
1000	EA	12BLUETHHNSOLID	# 12 BLUE THHN (TRACER WIRE) 500'	N	Y	0.3200	EA	320.00
8	EA	MJTEE6	6" MJ C153 TEE L/ACC	N	Y	155.0000	EA	1,240.00
1	EA	MJCROSS6	6" MJ C153 CROSS L/ACC	N	Y	225.5000	EA	225.50

Payment Method(s)		SubTotal	37,979.70
Charge to Acct	37,979.70	EXE 0.00% EXE: 1	Sales Tax 0.00
		Deposit	
		Please Pay This Amount	37,979.70

Signature

The following Code does not display images or complicated formatting. Codes should be viewed online. This tool is only meant for editing.

Section 700.320 Permits And Charges For Water Taps And Connections.

[R.O. 1992 § 700.320; Ord. No. 6702 § 1, 6-19-1989; Ord. No. 7207 § 3, 4-20-1992; Ord. No. 14-11288 § 1, 7-7-2014]

- A. All applications for water taps or connections to water mains and extensions shall be in writing and accompanied by a drawing showing location of the main or extension and the location of the proposed connection to the main or extension. A tap fee based upon the following schedule shall accompany each such application:

Size Of Connection	
(inches)	Tap Fee
3/4 and 1	\$100 plus materials
1 1/2	\$175 plus materials
2	\$225 plus materials

- B. In addition to the tap fee above, a connection charge based upon the following schedule shall also accompany each such application:

Size Of Service Connection	
(inches)	Connection Charge
3/4	\$600
1	\$800
1 1/2	\$1,700
2	\$2,000
3	\$2,300
4	\$3,400
6	\$4,500
8	\$6,700
10	\$8,900
12	\$11,100

The following Code does not display images or complicated formatting. Codes should be viewed online. This tool is only meant for editing.

Section 700.320 Permits And Charges For Water Taps And Connections.

[R.O. 1992 § 700.320; Ord. No. 6702 § 1, 6-19-1989; Ord. No. 7207 § 3, 4-20-1992; Ord. No. 14-11288 § 1, 7-7-2014]

- A. All applications for water taps or connections to water mains and extensions shall be in writing and accompanied by a drawing showing location of the main or extension and the location of the proposed connection to the main or extension. A tap fee based upon the following schedule shall accompany each such application:

Size Of Connection	
(inches)	Tap Fee
3/4 and 1	\$200 plus materials
1 1/2	\$250 plus materials
2	\$300 plus materials

- B. In addition to the tap fee above, a connection charge based upon the following schedule shall also accompany each such application:

Size Of Service Connection	
(inches)	Connection Charge
1-inch or smaller	\$2,000
1 1/2	\$3,600
2	\$5,600
3	\$10,400
4	\$16,000
6	\$28,000
8	\$38,400
10	\$53,200
12	\$66,378



Budget Report Account Summary

For Fiscal: 2023-2024 Period Ending: 09/30/2024

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 400 - WATER FUND							
Revenue							
400-35-000-434100	County Grants	1,000,000.00	1,000,000.00	0.00	0.00	-1,000,000.00	100.00 %
400-35-000-450600	Penalties/Interest Charges	20,000.00	20,000.00	0.00	1,721.26	-18,278.74	91.39 %
400-35-000-450900	Revenues-All Other	15,000.00	15,000.00	0.00	0.00	-15,000.00	100.00 %
400-35-000-453100	Water Sales	2,030,000.00	2,030,000.00	0.00	328.71	-2,029,671.29	99.98 %
400-35-000-453200	Water Meter Sales	40,000.00	40,000.00	0.00	1,169.46	-38,830.54	97.08 %
400-35-000-453500	Connection Charges	70,000.00	70,000.00	0.00	1,200.00	-68,800.00	98.29 %
400-35-000-453550	Tap Charges	1,000.00	1,000.00	0.00	0.00	-1,000.00	100.00 %
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	0.00	0.00	-3,000.00	100.00 %
400-35-000-461200	Rent/Lease-Municipal Property/Bui	76,500.00	76,500.00	0.00	4,917.22	-71,582.78	93.57 %
400-35-000-480000	Investment Income	15,000.00	15,000.00	0.00	0.00	-15,000.00	100.00 %
	Revenue Total:	3,271,800.00	3,271,800.00	0.00	9,336.65	-3,262,463.35	99.71%
Expense							
400-35-000-510100	Salaries/Wages-Regular	480,990.00	480,990.00	0.00	14,530.24	466,459.76	96.98 %
400-35-000-510150	Elected Board Officials Compensati	200.00	200.00	0.00	0.00	200.00	100.00 %
400-35-000-510300	Salaries/Wages-Overtime	23,520.00	23,520.00	0.00	105.53	23,414.47	99.55 %
400-35-000-511100	FICA Taxes	38,600.00	38,600.00	0.00	1,075.51	37,524.49	97.21 %
400-35-000-511300	Health Insurance	120,280.00	120,280.00	0.00	0.00	120,280.00	100.00 %
400-35-000-511400	Dental Insurance	8,330.00	8,330.00	0.00	0.00	8,330.00	100.00 %
400-35-000-511600	Life Insurance	730.00	730.00	0.00	0.00	730.00	100.00 %
400-35-000-511700	LAGERS Retirement Plan	33,780.00	33,780.00	0.00	802.57	32,977.43	97.62 %
400-35-000-512605	Employee Incentive Program	450.00	450.00	0.00	0.00	450.00	100.00 %
400-35-000-512700	HRA Deductible	14,370.00	14,370.00	0.00	0.00	14,370.00	100.00 %
400-35-000-520250	Administration, Finance & IT Depar	201,930.00	201,930.00	0.00	0.00	201,930.00	100.00 %
400-35-000-520300	Technical Services	24,480.00	24,480.00	0.00	0.00	24,480.00	100.00 %
400-35-000-520400	Other Contracted Services	58,570.00	58,570.00	0.00	49.95	58,520.05	99.91 %
400-35-000-521540	Uniform Cleaning Service	1,800.00	1,800.00	0.00	0.00	1,800.00	100.00 %
400-35-000-521560	Building Repair & Maintenance	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00 %
400-35-000-521620	Equipment Repair & Maintenance	17,470.00	17,470.00	0.00	0.00	17,470.00	100.00 %
400-35-000-521630	Vehicle Repair & Maintenance	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00 %
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	23,840.00	23,840.00	0.00	0.00	23,840.00	100.00 %
400-35-000-521640	Equipment Rental	1,500.00	1,500.00	0.00	7.08	1,492.92	99.53 %
400-35-000-522100	Advertising	800.00	800.00	0.00	0.00	800.00	100.00 %
400-35-000-522200	Property, Liability & Casualty Insura	48,700.00	48,700.00	0.00	0.00	48,700.00	100.00 %
400-35-000-522210	Self-Insurance Deductible	500.00	500.00	0.00	0.00	500.00	100.00 %
400-35-000-522300	Printing/Duplicating	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00 %
400-35-000-522400	Telephone	5,250.00	5,250.00	0.00	60.00	5,190.00	98.86 %
400-35-000-522500	Training/Seminars	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00 %
400-35-000-522600	Travel	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
400-35-000-522700	Professional Dues & Memberships	4,400.00	4,400.00	0.00	0.00	4,400.00	100.00 %
400-35-000-522900	Postage	14,500.00	14,500.00	0.00	0.00	14,500.00	100.00 %
400-35-000-522950	Credit Card Fees	24,000.00	24,000.00	0.00	0.00	24,000.00	100.00 %
400-35-000-530410	Parts-Vehicle	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00 %
400-35-000-530415	Parts-Equipment	10,500.00	10,500.00	0.00	0.00	10,500.00	100.00 %
400-35-000-530420	Office Supplies	1,200.00	1,200.00	0.00	0.00	1,200.00	100.00 %
400-35-000-530500	Asphalt/Rock/Cement	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00 %
400-35-000-530600	Straw/Seeding/Plants	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
400-35-000-530700	Uniforms & Clothing	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00 %
400-35-000-530800	General Supplies	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00 %

Budget Report

For Fiscal: 2023-2024 Period Ending: 09/30/2024

		Original	Current	Period	Fiscal	Variance	
		Total Budget	Total Budget	Activity	Activity	Favorable	Percent
						(Unfavorable)	Remaining
<u>400-35-000-531110</u>	Electricity	180,000.00	180,000.00	0.00	0.00	180,000.00	100.00 %
<u>400-35-000-531120</u>	Heating Fuel	3,200.00	3,200.00	0.00	0.00	3,200.00	100.00 %
<u>400-35-000-531300</u>	Gasoline & Oil	26,000.00	26,000.00	0.00	0.00	26,000.00	100.00 %
<u>400-35-000-532100</u>	Meters	124,300.00	124,300.00	0.00	0.00	124,300.00	100.00 %
<u>400-35-000-532150</u>	Hydrants	45,350.00	45,350.00	0.00	0.00	45,350.00	100.00 %
<u>400-35-000-532200</u>	Pipe & Fittings	44,410.00	44,410.00	0.00	0.00	44,410.00	100.00 %
<u>400-35-000-533100</u>	Chemicals	15,750.00	15,750.00	0.00	0.00	15,750.00	100.00 %
<u>400-35-000-533300</u>	Janitorial Supplies	210.00	210.00	0.00	0.00	210.00	100.00 %
<u>400-35-000-534100</u>	Depreciation Expense	415,000.00	415,000.00	0.00	0.00	415,000.00	100.00 %
<u>400-35-000-534200</u>	SmallTools/Equipment/Furnishings	95,790.00	95,790.00	0.00	78.96	95,711.04	99.92 %
<u>400-35-000-541100</u>	Improvements Other Than Building	598,000.00	598,000.00	0.00	0.00	598,000.00	100.00 %
<u>400-35-000-541110</u>	Water System Improvements	300,000.00	300,000.00	0.00	1,155.00	298,845.00	99.62 %
<u>400-35-000-542100</u>	Vehicles	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
<u>400-35-000-542200</u>	Machinery & Equipment	130,000.00	130,000.00	0.00	0.00	130,000.00	100.00 %
<u>400-35-000-559110</u>	Interest Expense	109,600.00	109,600.00	0.00	0.00	109,600.00	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	277,200.00	277,200.00	0.00	0.00	277,200.00	100.00 %
	Expense Total:	3,589,080.00	3,589,080.00	0.00	17,864.84	3,571,215.16	99.50%
	Fund: 400 - WATER FUND Surplus (Deficit):	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81	97.31%
	Report Surplus (Deficit):	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81	97.31%

Group Summary

Account Type	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	
					Favorable (Unfavorable)	Percent Remaining
Fund: 400 - WATER FUND						
Revenue	3,271,800.00	3,271,800.00	0.00	9,336.65	-3,262,463.35	99.71%
Expense	3,589,080.00	3,589,080.00	0.00	17,864.84	3,571,215.16	99.50%
Fund: 400 - WATER FUND Surplus (Deficit):	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81	97.31%
Report Surplus (Deficit):	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81	97.31%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
400 - WATER FUND	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81
Report Surplus (Deficit):	-317,280.00	-317,280.00	0.00	-8,528.19	308,751.81



Budget Report Account Summary

For Fiscal: 2023-2024 Period Ending: 09/30/2024

		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	75,000.00	75,000.00	0.00	0.00	-75,000.00	100.00 %
410-36-000-450600	Penalties/Interest Charges	30,000.00	30,000.00	0.00	2,235.91	-27,764.09	92.55 %
410-36-000-450900	Revenues-All Other	5,000.00	5,000.00	0.00	540.00	-4,460.00	89.20 %
410-36-000-454100	Sewer Service Charges	2,843,000.00	2,843,000.00	0.00	557.10	-2,842,442.90	99.98 %
410-36-000-454125	Surcharge Fees	20,000.00	20,000.00	0.00	0.00	-20,000.00	100.00 %
410-36-000-454150	Leachate Disposal Charge	40,000.00	40,000.00	0.00	680.00	-39,320.00	98.30 %
410-36-000-454200	Sewer Connection Charges	80,000.00	80,000.00	0.00	2,307.11	-77,692.89	97.12 %
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.	188,870.00	188,870.00	0.00	0.00	-188,870.00	100.00 %
	Revenue Total:	3,284,870.00	3,284,870.00	0.00	6,320.12	-3,278,549.88	99.81%
Expense							
410-36-000-510100	Salaries/Wages-Regular	244,330.00	244,330.00	0.00	9,732.26	234,597.74	96.02 %
410-36-000-510300	Salaries/Wages-Overtime	7,390.00	7,390.00	0.00	22.15	7,367.85	99.70 %
410-36-000-511100	FICA Taxes	19,270.00	19,270.00	0.00	716.85	18,553.15	96.28 %
410-36-000-511300	Health Insurance	39,680.00	39,680.00	0.00	0.00	39,680.00	100.00 %
410-36-000-511400	Dental Insurance	3,420.00	3,420.00	0.00	0.00	3,420.00	100.00 %
410-36-000-511600	Life Insurance	340.00	340.00	0.00	0.00	340.00	100.00 %
410-36-000-511700	LAGERS Retirement Plan	16,870.00	16,870.00	0.00	558.75	16,311.25	96.69 %
410-36-000-512605	Employee Incentive Program	150.00	150.00	0.00	0.00	150.00	100.00 %
410-36-000-512700	HRA Deductible	4,680.00	4,680.00	0.00	0.00	4,680.00	100.00 %
410-36-000-520250	Administration, Finance & IT Depar	100,860.00	100,860.00	0.00	0.00	100,860.00	100.00 %
410-36-000-520300	Technical Services	21,180.00	21,180.00	0.00	0.00	21,180.00	100.00 %
410-36-000-520400	Other Contracted Services	49,990.00	49,990.00	0.00	0.00	49,990.00	100.00 %
410-36-000-521540	Uniform Cleaning Service	1,100.00	1,100.00	0.00	0.00	1,100.00	100.00 %
410-36-000-521560	Building Repair & Maintenance	1,700.00	1,700.00	0.00	0.00	1,700.00	100.00 %
410-36-000-521620	Equipment Repair & Maintenance	56,070.00	56,070.00	0.00	0.00	56,070.00	100.00 %
410-36-000-521630	Vehicle Repair & Maintenance	19,210.00	19,210.00	0.00	0.00	19,210.00	100.00 %
410-36-000-521640	Equipment Rental	5,370.00	5,370.00	0.00	7.09	5,362.91	99.87 %
410-36-000-522100	Advertising	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-000-522200	Property, Liability & Casualty Insura	24,800.00	24,800.00	0.00	0.00	24,800.00	100.00 %
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	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-000-522400	Telephone	3,930.00	3,930.00	0.00	60.00	3,870.00	98.47 %
410-36-000-522410	Telephone-Alarm Control	3,500.00	3,500.00	0.00	0.00	3,500.00	100.00 %
410-36-000-522500	Training/Seminars	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-000-522600	Travel	700.00	700.00	0.00	0.00	700.00	100.00 %
410-36-000-522700	Professional Dues & Memberships	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-000-522900	Postage	6,500.00	6,500.00	0.00	0.00	6,500.00	100.00 %
410-36-000-522950	Credit Card Fees	28,000.00	28,000.00	0.00	0.00	28,000.00	100.00 %
410-36-000-530200	Lab Supplies	2,460.00	2,460.00	0.00	0.00	2,460.00	100.00 %
410-36-000-530410	Parts-Vehicle	7,500.00	7,500.00	0.00	0.00	7,500.00	100.00 %
410-36-000-530415	Parts-Equipment	33,800.00	33,800.00	0.00	0.00	33,800.00	100.00 %
410-36-000-530420	Office Supplies	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-000-530500	Asphalt/Rock/Cement	10,500.00	10,500.00	0.00	0.00	10,500.00	100.00 %
410-36-000-530600	Straw/Seeding/Plants	500.00	500.00	0.00	0.00	500.00	100.00 %
410-36-000-530700	Uniforms & Clothing	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
410-36-000-530800	General Supplies	3,640.00	3,640.00	0.00	0.00	3,640.00	100.00 %
410-36-000-530900	Employee Appreciation Cost	100.00	100.00	0.00	0.00	100.00	100.00 %
410-36-000-531110	Electricity	46,200.00	46,200.00	0.00	0.00	46,200.00	100.00 %
410-36-000-531120	Heating Fuel	3,200.00	3,200.00	0.00	0.00	3,200.00	100.00 %

Budget Report

For Fiscal: 2023-2024 Period Ending: 09/30/2024

		Original	Current	Period	Fiscal	Variance	Percent
		Total Budget	Total Budget	Activity	Activity	(Unfavorable)	Remaining
410-36-000-531300	Gasoline & Oil	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00 %
410-36-000-532200	Pipe & Fittings	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00 %
410-36-000-532270	Manhole Replacement Program	15,450.00	15,450.00	0.00	0.00	15,450.00	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	0.00	400.00	100.00 %
410-36-000-534100	Depreciation Expense	283,400.00	283,400.00	0.00	0.00	283,400.00	100.00 %
410-36-000-534200	SmallTools/Equipment/Furnishings	39,450.00	39,450.00	0.00	0.00	39,450.00	100.00 %
410-36-000-541100	Improvements Other Than Building	600,000.00	600,000.00	0.00	0.00	600,000.00	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	205,000.00	205,000.00	0.00	0.00	205,000.00	100.00 %
410-36-361-510100	Salaries/Wages-Regular	269,510.00	269,510.00	0.00	8,021.83	261,488.17	97.02 %
410-36-361-510200	Wages-PartTime/Permanent	0.00	0.00	0.00	1,179.84	-1,179.84	0.00 %
410-36-361-510300	Salaries/Wages-Overtime	10,280.00	10,280.00	0.00	456.23	9,823.77	95.56 %
410-36-361-511100	FICA Taxes	21,390.00	21,390.00	0.00	706.64	20,683.36	96.70 %
410-36-361-511300	Health Insurance	53,640.00	53,640.00	0.00	0.00	53,640.00	100.00 %
410-36-361-511400	Dental Insurance	3,970.00	3,970.00	0.00	0.00	3,970.00	100.00 %
410-36-361-511600	Life Insurance	350.00	350.00	0.00	0.00	350.00	100.00 %
410-36-361-511700	LAGERS Retirement Plan	16,640.00	16,640.00	0.00	568.03	16,071.97	96.59 %
410-36-361-512605	Employee Incentive Program	300.00	300.00	0.00	0.00	300.00	100.00 %
410-36-361-512700	HRA Deductible	6,490.00	6,490.00	0.00	0.00	6,490.00	100.00 %
410-36-361-520250	Administration, Finance & IT Depar	100,860.00	100,860.00	0.00	0.00	100,860.00	100.00 %
410-36-361-520300	Technical Services	24,530.00	24,530.00	0.00	250.00	24,280.00	98.98 %
410-36-361-520400	Other Contracted Services	30,880.00	30,880.00	0.00	0.00	30,880.00	100.00 %
410-36-361-521540	Uniform Cleaning Service	1,200.00	1,200.00	0.00	0.00	1,200.00	100.00 %
410-36-361-521560	Building Repair & Maintenance	1,550.00	1,550.00	0.00	70.12	1,479.88	95.48 %
410-36-361-521620	Equipment Repair & Maintenance	142,590.00	142,590.00	0.00	0.00	142,590.00	100.00 %
410-36-361-521630	Vehicle Repair & Maintenance	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00 %
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	32,000.00	32,000.00	0.00	0.00	32,000.00	100.00 %
410-36-361-522210	Self-Insurance Deductible	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
410-36-361-522300	Printing/Duplicating	1,200.00	1,200.00	0.00	0.00	1,200.00	100.00 %
410-36-361-522400	Telephone	4,840.00	4,840.00	0.00	60.00	4,780.00	98.76 %
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	7,200.00	7,200.00	0.00	0.00	7,200.00	100.00 %
410-36-361-530200	Lab Supplies	7,000.00	7,000.00	0.00	183.29	6,816.71	97.38 %
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	60,100.00	60,100.00	0.00	0.00	60,100.00	100.00 %
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	0.00	5,000.00	100.00 %
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	0.00	0.00	800.00	100.00 %
410-36-361-530800	General Supplies	1,800.00	1,800.00	0.00	0.00	1,800.00	100.00 %
410-36-361-531110	Electricity	189,880.00	189,880.00	0.00	0.00	189,880.00	100.00 %
410-36-361-531120	Heating Fuel	21,000.00	21,000.00	0.00	0.00	21,000.00	100.00 %
410-36-361-531300	Gasoline & Oil	4,200.00	4,200.00	0.00	0.00	4,200.00	100.00 %
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	25,690.00	25,690.00	0.00	0.00	25,690.00	100.00 %
410-36-361-534100	Depreciation Expense	920,000.00	920,000.00	0.00	0.00	920,000.00	100.00 %
410-36-361-534200	Small Tools/Equipment/Furnishings	34,150.00	34,150.00	0.00	0.00	34,150.00	100.00 %
410-36-361-541100	Improvements other than Buildings	250,000.00	250,000.00	0.00	0.00	250,000.00	100.00 %
410-36-361-542200	Machinery & Equipment	355,000.00	355,000.00	0.00	0.00	355,000.00	100.00 %
410-36-361-559110	Interest Expense	319,800.00	319,800.00	0.00	0.00	319,800.00	100.00 %
410-36-361-559120	Agent Fees	35,520.00	35,520.00	0.00	0.00	35,520.00	100.00 %
410-36-361-559130	Amortization of Bond Discount/Pre	-21,700.00	-21,700.00	0.00	0.00	-21,700.00	100.00 %

Budget Report

For Fiscal: 2023-2024 Period Ending: 09/30/2024

		Original	Current	Period	Fiscal	Variance	Percent
		Total Budget	Total Budget	Activity	Activity	Favorable (Unfavorable)	Remaining
<u>410-36-361-559200</u>	Bond/Note Principal	1,080,000.00	1,080,000.00	0.00	0.00	1,080,000.00	100.00 %
	Expense Total:	6,049,000.00	6,049,000.00	0.00	22,593.08	6,026,406.92	99.63%
	Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04	99.41%
	Report Surplus (Deficit):	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04	99.41%

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	3,284,870.00	3,284,870.00	0.00	6,320.12	-3,278,549.88	99.81%
Expense	6,049,000.00	6,049,000.00	0.00	22,593.08	6,026,406.92	99.63%
Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04	99.41%
Report Surplus (Deficit):	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04	99.41%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
410 - SEWAGE TREATMENT FUND	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04
Report Surplus (Deficit):	-2,764,130.00	-2,764,130.00	0.00	-16,272.96	2,747,857.04

Memorandum

TO: Darren Lamb, City Administrator
Board of Public Works

FROM: Kevin Quaethem, Public Works Superintendent

DATE: October 17, 2023

RE: Work Performed by the Water and Wastewater Departments

STATUS OF MAJOR CONTRACTS – SEPTEMBER 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	\$226,795.81	\$0	\$113,435.19
Southpoint Ground Water Storage Tank	Cochran Eng.	\$74,960.00	\$67,487.33	\$0	\$7,472.67
Southpoint Ground Water Storage Tank	K.J.Unnerstall Construction	\$132,319.00 +\$2,000.00	\$57,722.58	\$0	\$76,596.42
Southpoint Ground Water Storage Tank	Caldwell Tanks	\$1,869,800.00	\$1,184,147.18	\$0	\$685,652.82

SEPTEMBER 2023

Water Pumped..... 71,277,154 gallons, 2.38 mgd

Wastewater Effluent Flow. 50,550,000 gallons, 1.69 mgd

Missouri One Call Locate messages410

Meters Issued as New.23

Meters Replaced.....7

Meters Issued for Irrigation systems0

Service Requests/Meter Appts./Work Orders.....48

Sewer Routines71

Delinquent Accounts shut off.17

WATER DEPARTMENT FIELD WORK PERFORMED – SEPTEMBER 2023

1. Shop Maintenance
2. Meter/Swapping/Repair
3. Check Wells/Heaters
4. Connection Inspections
5. Water leak on Madison
6. Water break 8th and Elm
7. Water leak 2nd and Elm
8. Water leak at Sandplant
9. Water leak at E 11th street
10. Water leak at Koch Lane
11. 2nd street water line replacement

WW DEPARTMENT FIELD WORK PERFORMED – SEPTEMBER 2023

1. Sewer Routines
2. Manhole Inspections
3. Check Lift Station/Heaters
4. Connection Inspections
5. Daily Lab work and Routines
6. Clean Process Filters
7. Clean belt press
8. Store sludge in drying beds

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 7419				
Street Address Hwy 47			Hwy 47 Ste. A Union, MO 63084				
City Washington		Zip Code 63090	Certification Number 00700				
County Warren	I.D. Number MO6220265						
Date M/D/Y	Collection Point	Sample Type	Location Code	Sample Results		Chlorine Residual	
				Coliform	E-coli	Total	Free
9.19.23	Hwy 47 airport	R	R-1A	A	A	0	0
Total Routine Samples: 1			Signed: Kristen Wideman		Date 9.20.23		
Monitoring Violation ___ Yes <u> X </u> No			Title: Lab Assistant				
MCL Violation ___ Yes <u> X </u> No							