

MINUTES OF THE BOARD OF PUBLIC WORKS

Tuesday January 23, 2024

The Regular Meeting of the Board of Public Works held on January 23, 2024 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	Absent
Public Works Superintendent	Kevin Quaethem	Present
Water/Wastewater Admin. Asst.	Theresa Lamke	Present
Interim City Engineer	Charles Stankovic	Absent
Assistant City Engineer	Andrea Lueken	Absent
Waste Water Foreman	Kerry Duke	Present
Water Foreman	Dylan Voss	Present
GIS Engineering		

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. Radetic seconded by Mr. Mitchell to approve the minutes from the regular meeting held December 26, 2023 meeting. The motion passed without dissent.

Priority Items

None

Wastewater

The only thing I've got, we did have an inspection from DNR for our industrial monitoring that we have to do. And this is the first year since I've been with the city for almost 24 years that we have had absolutely no non compliances on our inspection for our industrial monitoring.

I have to take my hat off and thank Todd Blanc for that. He is the guy that I hired from the Department of Natural Resources, that was a coordinator. All right, so it's the first year, which is really a big thing, because there's a lot to industrial reporting, a lot of regulating, a lot of things that go on that if you don't do it right, non compliances. He's doing the right thing for us. Now there's a lot of changes going on with industrial monitoring. He's going through every permit and making sure that we have everything exactly what it is. There's some things changing out that the industries have to deal with, but we have to regulate them and that's just the way it goes; Frick's is one of them. They're on an administrative order due to their excessive BOD's and things that are going on and stuff, but they're working on it, so we're working with them. But that's the biggest thing we've had to do since I've been here, is it's the first administrative order we had to issue. But if we don't do things like that, then we as a city get in trouble by EPA and DNR. We've got regulations we have to follow. Anyway, it's all good.

Water

We have a bill from Flynn?

Yes. This is for, well, six. This is the one that I had Danny come in and he was trying to explain what they do when they mega motor. And we find out that the resistance is zero and a motor really shouldn't be running at zero. We went ahead and pulled it. It's in the budget. I figured it was best to pull it and get a new motor put in there now as the wait until August and let it just go out when we really need the moat. And then they're off doing all their stuff and we're waiting for a repair. It's just a repair to keep it running so we don't have a failure during the summer.

What's the frequency of replacing a pump? Replace once a year?

No, last year, I don't think we replaced any year before last we replaced two. This year we've replaced one. So it kind of varies. Submersible motors now are designed, per se to last ten years. But there's so many different variables that can happen. If you get bad power. I'm sorry, Amarin, you do give us bad power every once in a while. I can't help it. And if that sends a surge, or what they call them, brownouts, if it's a lowered voltage that gets in there and something happens to that motor, it can go out. Or if it gets too much voltage and the soft starts and the equipment we have in there doesn't catch it and it gets past it. Or a cable that's dropped down 500ft into the well casing gets weak, it can actually short out to the pipe and burn them up. There's so many different things that can happen. Or a pump can get wedged, something get hung up in a pump and cause it to just literally lock up and then the motor is trying to run and it'll burn itself up. They say ten years, we have one, well, four that for whatever reason, we've had to replace that one in the last few years, twice. We're trying to figure out what's going on there. Everything seems to be okay. It's just Flynn drilling thinks they're getting bad batches of motors from Hitachi.

I think it was Hitachi. They switched motor brands. There's different motor brands out there. Really, you don't know unless you do like we do now with our maintenance agreement. That's how they caught well six. We know we've got something going on with well seven, we've lost production. It's dropped by about 150 gallons a minute. They came out again. They were here two weeks ago and checked that well out.

There's nothing mechanically wrong with it. What we think is that we have a little bit of a drop in the level of the water out there, which submersible pumps work off of hydraulics. The more water you have above the pump, the better the pump pumps, because it has to help push that water out because you're trying to draw and push all that. We think the water levels dropped and that's causing it to lose its production ability. It's not a bad thing. We still got a lot of water over the pump. So rather than pull that one, we're going to wait for that one to finally go out because we're going to probably have to change either the pump or the motor or do some work in there to figure out what we got. But that one, we're just going to let it run until it just loses its production. That's kind of how we're watching things and seeing what's going on. So that's where that maintenance program really comes into play. They check every year. They look back on records, they actually look back on history and say this.

Anyway, long story as to. Yeah, we have to change wells anywhere from four to ten years now. Good story is we have wells ten and eleven. They were put in in 2001. Still the same pumps, well ten has pumped almost 5 billion gallons of water. Well eleven has pumped just a little over 4 billion gallons of water. And they're still in the ground. That's good. Let's keep them.

A bill to Flynn from Flynn for \$25,800.50.

Motion by Mr. Mitchell and seconded by Mike Radetic. The motion passed.

Anything other business.

You ordered those cameras, I see. The eye trackers. We have them in house. We're working with the company to come out. We started going down. Well, we went down on I guess this is a sewer thing, but it's not a big issue. We went down on the riverfront to try and find our manholes. We found some of them that are buried about two foot deep. We've got material coming in to raise those. Mother nature is not playing too good with us on doing that, but we're going to get them raised. I've been in contact with them. They want to come in the next couple of weeks. Anyway, we got it lined up to try and get here and get them installed, get them working, see what they do.

Our next meeting is scheduled for February 27, 2024. Motion to adjourn.

Motion by Mike Racetic and seconded Brad Mitchell. The motion passed.

Next Scheduled Meeting Date

The next scheduled meeting date is Tuesday March 26, 2024.

Adjourn

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

Prepared by: _____
Theresa Lamke
Water/Wastewater
Administrative Assistant

Adopted and Approved by the Board of Public Works:

Date: _____ Signature: _____
Secretary