

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday, September 8, 2020

The Regular Meeting of the Board of Public Works was held on September 8, 2020 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
Member	Brad Mitchell	Absent
Member	Mike Radetic	Present
Member	Steve Richardson	Present
Ex-officio Member	Steve Strubberg	Present
Ex-officio Member	Vacant	--

OTHERS:

Council Representative	Steve Sullentrup	Absent
Council Representative	Mark Wessels	Present
Mayor	Sandy Lucy	Absent
City Administrator	Daren Lamb	Absent
Water/Wastewater Superintendent	Kevin Quaethem	Present
Water/Wastewater Secretary	Beverly Hoyt	Present
Public Works Director	John Nilges	Present
Assistant City Engineer	Andrea Lueken	Absent
Emergency Management Director	Mark Skornia	Absent
Fire Chief	Tim Frankenberg	Absent

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

Minutes

A motion was made by Mr. Richardson and seconded by Mr. Radetic to approve the minutes from the regular August 11, 2020 meeting. The motion passed without dissent.

Priority

No priority items.

Wastewater

The Sludge Drying Bed has been falling apart over the years, this is where we take our sludge when we cannot put it in fields anymore, whether it is at the landfill or the local farm fields in the area or the airport. We have to store this and what the drying bed does is you dump into the drying bed and it had a drain field that would let the sludge, when it got wet run down and go back into the plant.

The drain field has finally collapsed all the way through, it's not working the base of the floor has fallen apart and when we scoop the sludge up the bed comes with it then it gets into the spreader. It just needs to be replaced. We would like to look at making it bigger and making it a concrete floor rather than just runners that were built in 1963.

Eventually there will be a cover over it so the sludge will stay dry even if it rains. When sludge gets wet it develops another odor. So this will eliminate odors by keeping it dry. We are working on getting some numbers together as soon as I do will let you know. At this time, it looks like the numbers will be a hair under \$100,000.00, \$50,000.00 is budgeted in this year's budget an \$50,000.00 in the next year's budget. Will be working with Mary to roll those two together and start in next year's budget and start in October.

We were going to look into another plant to visit that did the granular process. We will be looking into pellets, may in 2022's budget to look at this process of granular a little more. This is a cylinder drier, that's why we were looking at making this drier bed bigger. We go through roughly 4,500 wet tons of sludge. Starting in about November we will start losing places because of weather, so it will have to be stored. For about three months we have to store the sludge. This is a continuous thing.

To do the granular system it would cost roughly three million. There is a commodity for this, O'Fallon has been doing this for about 12 years now and they are having a hard time selling it to the public. It would drop our sludge by 50% which would make it better for us as far as odor goes, odor would go away.

The new sludge bed would be 77 feet deep and 140 feet wide, three sided with an open front. Five foot walls, we will have all the final numbers for this by the next meeting.

Water

Dump Truck – We acquired a trash truck from the Solid Waste Department, this was their newest truck, this will be converted over to a dump truck. The cost will end up being an even move from streets to water, this will cost \$24,000.00, this is a standard cost for a dump bed. However, Armor Equipment is going to give us \$5,000.00 for the trash bed and remove at their cost. That \$5,000.00 will be put towards the dump bed which will put us at \$20,000.00 for a Kenworth Tandem Dump

truck compared to a \$200,000.00 dump truck. Truck is in great shape, has a new motor so something that's going to last us a long time. Our current dump truck will be moved to the treatment plant to haul sludge, the one at the plant will be sold. This is a 2002 and has had a good run.

We have a dump truck in the budget, our one-ton we use on a daily basis is a 1999 and is also ready to be moved on. Instead of a one ton, we will be going with a ton and a half, a little bit bigger of a truck. It won't be a new truck but a 2019 or 2020 they're not building the 2021's yet it would be at least another 9 months to get if we went with a 2021.

Old Business

WWTP - Public review is over, now we are working on the Industrial Users Permits with Cochran and we are right there. Dave with Cochran just has a few more things to work with the Department of Natural Resources on the paperwork issues. We still have to get local limits approved by the Council and a couple of Ordinance changes and once that's done we can issue the new industrial user permits we are about a month out.

Water rates were approved at the last Council meeting. They will take effect in October.

The new trash service is working well with little problems to speak of. The recycle has been an adjustment this will be the first holiday, so recycle that was to be picked up on Monday will be Tuesday and so on. They will be in town Saturday for Friday's pickup. Then the following week it all goes back to normal. We have had a few issues where cars park on the street and block the trash from its normal pickup.

Big Trash pickup will be the same just a few more trucks in town. Half of it gets scooped up before the trucks get there.

We have been working on Emerald City sewer line. Need to install flow meter, determining the best location, based on the water usage. They know where they think it is best and we feel it is best at this location.

Meadow Lake

Originally we felt we could go with a small sleeve, but we have to go with a 20" under the highway. To do a 20" sleeve you have to have a 24" reamer which is part of the boring. Nobody in this area has a 24" reamer, so the cost has now started to increase, so we finally got the boring people to give us a cost which is going to be outrageous. We were given a contact number of a company called Auger Boring out of Illinois. It's hard to find people who do that anymore so we are waiting for a call back from them to get a pricing on how much it will cost to go under the highway. Things kind of changed, we are not sure on what the States Specs were going to be and once we got them we knew we had to go with the 20" sleeve. We are still geared to move on this as soon as we get the pricing and all is approved.

Terry Lane – There have been a lot of water breaks over on Terry Lane so we are going to go out for bids on replacing that line with a 6” and setting a fire hydrant where there never was one. When issues start happening on any of these lines we need to start focusing on getting them replaced before they start breaking. Trying to be more proactive than reactive.

All the 2” lines are becoming very brittle, I don’t think any of them have cement lining which does help the strength, so it’s just a cast iron pipe. We are lucky that they are in as good a quality as far as water because we have good quality of water. If we didn’t have good quality of water, we would have more issues. When we come across a 2” line like we have on Hickory that we have had several breaks on, it is an old 2” line as well. Just a heads up to let you know, we are up there working.

Any other Discussions?

Next Scheduled Meeting Date

The next scheduled meeting date is October 13, 2020.

Adjourn

There being no further business the meeting adjourned on a motion by Mr. Radetic and seconded by Mr. Richardson. All in favor aye, those oppose. We are adjourned.

Prepared by: Beverly Hoyt
Beverly Hoyt
Water/Wastewater Secretary

Adopted and Approved by the Board of Public Works:

Date: Oct 13, 2020 Signature: MFLA 005
Secretary