

MARCH 1, 2021

THE CITY OF CHRISMAN MET FOR A REGULAR MEETING MONDAY, MARCH 1, 2021 AT 7:00P.M. WITH THE FOLLOWING MEMBERS PRESENT: COMMISSIONER THAD CRISPIN, COMMISSIONER CORY CHANEY, COMMISSIONER RODNEY WOLFE, COMMISSIONER BRYAN HADDIX, AND MAYOR OWEN. ALSO, PRESENT WAS CITY CLERK AUTUMN PERRYMAN AND CITY TREASURER KAYLEN HOSKINS.

PLEDGE OF ALLEGIANCE

ROLL CALL

MINUTES:

CHANEY MOVED AND CRISPIN SECONDED THAT COUNCIL APPROVES MINUTEES FROM FEBUARY 1, 2021. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

CHANEY MOVED AND CRISPIN SECONDED THAT COUNCIL APPROVES MINUTES FROM FEBUARY 16, 2012. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

CLAIMS:

CHANEY MOVED AND CRISPIN SECONDED THAT THE COUNCIL APPROVE THE CLAIM IN THE AMOUNT OF \$31194.77. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

OMEGA RAIL MANAGEMENT	ENGINEERING	WATER	1250.00-21090
AUTUMN PERRYMAN	SALARY	ADMIN	926.04-21125
ANDREW GOODWIN	SALARY	WATER	441.43-21126
KAYLEN HOSKINS	SALARY	ADMIN	992.96-21127
MICHAEL HUTSON	SALARY	WATER	980.15-21128
THADDEUS ARROSMITH	SALARY	SEWER	123.08-21129
ERIK BOHLE	SALARY	STREET	1357.85-21130
JAMES TODD	SALARY	POLICE	84.88-21131
TOM DOLAN	SALARY	POLICE	1281.03-21132
ERIC MCCAIN	SALARY	POLICE	26.21-21133
TROY EADS	SALARY	POLICE	111.43-21134
STEPHEN HALL	SALARY	POLICE	423.95-21135
RAYMOND RAGLE	SALARY	POLICE	154.51-21136
RAYMOND SOLLARS	SALARY	POLICE	130.93-21137
GAVIN MCCLAMROCH	SALARY	WATER.SEWER.STREET	873.65-21139
PAULA BETH DAILY	SALARY	LIBRARY	374.88-21140
CHERYL OATES	SALARY	LIBRARY	351.18-21141
MATT SHELATO	SALARY	WATER	325.85-21142
ASHER & SMITH	LEGAL	WATER.STR.ADM.HEALTH	2481.25-21143
CINTAS CORPORATION	UNIFORMS	WATER.STREET.SEWER	257.16-21144
TECH MGMT REV FUND	DISPATCHING	POLICE	44.27-21145
ELECTRIC MOTOR SHOP	EQUIP MAINTENANCE	SEWER	1059.00-21146
FRONTIER	FAX LINE SERVICE	ADMIN	38.49-21147
AMEREN ILLINOIS	ELECTRIC	ALL	2676.15-21148
ILLINOIS PUBLIC RISK FUND	APRIL WOKERS COMP	ALL	2452.00-21149

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JOHN DEERE FINACIAL	OPERATING SUPPLIES	WATER.SEWER.STREET	288.19-21150
KNIGHT INSURANCE SERVICES	BONDS	WATER.STREET	140.00-21151
LOCIS	TRAINING	ADMIN	1260.00-21152
CHRISMAN NAPA	OPERATING SUPPLIES	STREET.LIBRARY.WATER	243.30-21153
OFFICE THREE SIXTY INC.	OFFICE SUPPLIES	POLICE.ADMIN	103.38-21154
OMEGA RAIL MANAGEMET	PIPELINE FEE	SEWER	309.00-21155
PARIS MACHINE	MAINTENANCE SUPPLIES	STREET	96.40-21156
PARIS COMMUNITY HOSPITAL	DRUG SCREEN	ADMIN.WATER	111.00-21157
PDC LABORATORIES	TESTING/CHEMICALS	WATER	177.10-21158
POWERNET CLOBAL COMM.	FAX LINE SERVICE	ADMIN	16.60-21159
PROGRESSIVE CHEM & LIGHT	SUPPLIES/CHEMICALS	STREET. SEWER	445.53-21160
WATER SOLUTIONS UNLIMITED	CHEMICALS	WATER.SEWER	1286.00-21161
ADVANCED DIGITAL	COPIER CONTRACT	LIBRARY	48.61-1532
CITY OF CHRISMAN	PAYROLL REIMB	LIBRARY	1453.29-1533
FRONTIER	PHONE/INTERNET	LIBRARY	219.23-1534
MIDWEST FIRST	EMAIL SERVICE	LIBRARY	5.00-1535
IDOR	STATE TAXES	ALL	576.71-90000644
IRS	FEDERAL TAXES	ALL	2543.80-90000645

RESOLUTION OF PROPERTY:

WOLFE MOVED AND CHANEY SECONDED THAT COUNCIL APPROVES RESOLUTION OF PROPERTY- PARCEL IV 11-03-26-400-018. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

SEWER PLANT UPGRADES:

HADDIX MOVED AND WOLFE SECONDED THAT COUNCIL APPROVES SEWER PLANT UPGRADES, NOTICE TO PROCEED WITH OPTION 4 AND ENGINEER SEND TIME LINE TO EPA. VOTING AYE ON THE MATTER WERE HADDIX, WOLFE, CRISPIN, AND MAYOR OWEN. VOTING NAY CHANEY. MOTION CARRIED.

DISPURSEMENT APPROVAL:

WOLFE MOVED AND CHANEY SECONDED THAT COUNCIL APPROVES 2ND EPA DISPURSEMENT APPROVAL. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

CLARIFIER PUMP:

HADDIX MOVED AND WOLFE SECONDED THAT COUNCIL APPROVES REBUILDING PMP FOR EXCESS FLOW CLARIFIER. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

TRACTOR TIRES:

CRISPIN MOVED AND HADDIX SECONDED THAT COUNCIL APPROVES PURCHASING OF NEW TRACTOR TIRES. VOTING AYE ON THE MATER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

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BUILDING PERMIT:

CHANEY MOVED AND CRISPIN SECONDED THAT COUNCIL APPROVES BUILDING PERMIT @305 S IOWA ST FOR NEW ROOF. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

MUTUAL AID AGREEMENT:

CHANEY MOVED AND WOLFE SECONDED THAT COUNCIL APPROVES NEWMAN/CHRISMAN MUTUAL AID AGREEMENT. VOTING AYE ON THE MATTER WERE CHANEY, WOLFE, HADDIX AND MAYOR OWEN. VOTING NAY WAS CRISPIN. MOTION CARRIED.

DISCUSSION:

Tom Dolan:

Nothing

Rick Jenness:

What's the deal with the Christmas Decorations? Mayor Owen- We've got a volunteer with free labor, but he hasn't been here yet. I think he said he was going to do it this week or next. Because our bucket truck is no longer useable. So, we had a volunteer to do it, so were at his mercy.

Ambulance dept:

Nothing

Erik Bohle:

I just wanted to thank commissioner wolf, and commissioner Haddix for all the help plowing the snow. They both put in quite a bit of hours, much appreciated.

Matt Johnson:

At the last meeting I presented info from the violation notice with the date of the end of last month. The plant is not working in any way at the moment. We completed a study of the treatment plant and pump station; it was recommendation to replace Washington St. pump station and treatment plant. Combined cost is just north of 7million dollars. USDA would grant just at 2 million to pay for improvements and the remained would be funded through a loan from the USDA for 38 years at a bit over 1% interest. Recommendation of the report was to install a modern trickling filter and media filter that would allow us to meet our current effluent limits, and would set us up for future effluent limits as they come along. The other alternatives, were to cont. feeding chlorine into the effluent to oxidize the ammonia which is exceedingly expensive. The other alternative was replacing everything that was there over time, but didn't set us up for future effluent limits. Mayor Owen-Option 2 repurposing the sand filter right this option was 2.7 million, right? Matt Johnson- # 2 was a little cheaper option. Mayor – Refurbish the sand filters, and what else? Matt

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Johnson-Refurbishing the sand filters, rehabbing the trickling filters, those are the 2 mains. Mayor Owen- Then option 4 I think it was 7.3 million was basically a new plant. Matt Johnson- Alt 4 construction cost 5.8 includes everything. Mayor Owen- Then I think we had an option of heavy chlorination then taking the chlorine out. Matt Johnson- Yeah option 1, illustrates the cost of the chlorine not fixing the other issues. Crispin- Chemicals are what 110,000 a year or something like that. Matt Johnson- In order to get the ammonia out you have to feed it all the way through. Haddix- But with that option you haven't built any equity or any instruction. Mayor Owen- Yeah well have nothing. Mayor Owen- So thoughts? Haddix- I'm with Crispin, as much as I'd like to see a whole new plant, I don't see the 7million dollars being feasible. Owen- So were leaning towards option 2. Haddix- I'm leaning toward 2, but I would still like to see some upgrades done at the pump station, the lift station. Mayor Owen- Before I talk to the other commissioners, how much option 2 raise our rate? And is there any way we could get grants for that option? Matt Johnson-The recommended alter is #4, so I have those numbers and the letter of conditions its written on, I can't guarantee for number 2. #4 has the justifiable cost. Crispin- What happens if enough people leave town were, we can't afford it in that 38 years. Matt Johnson- Within the restructure it was created with 2 types of reserves, one is a debt service reserve, the 2nd set of reserves is called short lived assets. In addition to paying for original debt, were also setting aside money to fix issues that may arise. Mayor Owen- And that option #4 in essence doubles the sewer bill, right? Matt Johnson- yes. Haddix- can we increase that in 20 % increments over 5 yrs. Mayor Owen- Wasn't that over 3 yrs. Matt Johnson- Yes, I would certainly recommend that I be spread out over a few years so no one's shocked. Haddix- you looking at 43 % over 3 years/ Mayor Owen- could you go 5 year or would that be too far out? Matt Johnson-I have to believe at the end of the project you'd be at a negative cash flow, but you could take care of that with reserves. When you get into the 4th or 5th year is when you start running into the problem. Mayor Owen- Any thoughts? Crispin- main concern is that we have someone to run it. Wolfe- What is our next step, fixing the lift station. Matt Johnson- With this well be doing both the lift station and the treatment plant. Wolfe- put your force main to were. Matt Johnson- From Washington St. all the way to the treatment plant. Haddix- They're not going to keep forgiving us. Mayor Owen- This last letter we got from them wasn't a good on. Wolfe- But there is no way we can go to a lagoon system, right? Matt Johnson- 2 problems with the lagoons, the land to the east is a flood plain, and the second problem that's a bigger problem with the agency is called the anti-backsliding. Is when you have a sewer system that's a level 3 class treatment and the lagoon would be a class 4 which would be going down because of the reduced quality of the treatment plant. You could go from a level 3 to a level 2 if you want, but you can't go down. Wolfe- These guys weren't on here before, but our biggest concern is the infiltration, we discussed that it was cheaper to build a million-dollar excess flow than going to spend 5 million to reline all our sewer cisterns. But the problem is our sewer still isn't getting any better, so were still probable getting more infiltration. What is the best option? Matt Johnson- The issues that you had was in the previous council meeting that you have so much in it was just blowing the treatment plant up every time it rained. All of that water would be received at the treatment plant, then you'd have residual problems because you blew sludge everywhere, kind of builds on its self. We've got a clarifier out there that if it rains really hard, we keep the water away from the treatment plant, so we've got that problem licked. Now if you recall, we had a phase in mind which was Washington St. pump station, that's the next step on the INI side. We've got a bigger problem, it's not only the amount of water that we have coming into the system, it's the amount of ammonia. So right now, as we sit here today, that treatment plant is not doing anything. At the end of January, you got this violation notice from the IEPA. It says that through 2020 you've had several instances nearly every month. At the end of phase one you had some money left over in the borrowing we did. The distributor had completely failed, no matter what we decide to do tonight it's going to take a couple years to implement anything. We've waited long enough that we didn't have a choice, we had to get that distributor fixed to deal with the suspended solids. But with that we still can't remove ammonia with that. This problem has been there 10 – 15 years. Wolfe- I'd hate to redo these sand filters, because like Saturday night come the heavy rain. We don't have a full-time sewer guy, so comes Sunday morning all that water had come rushing into that plant site. We have no one there to adjust the clarifier, the water will just blow by and dump everything right back on that new sand. I've always been a big advocate to get rid of the sand filters. Matt

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Johnson- That's what we recommend, so option 4 is getting rid of the sand filter, it's what we've got the financing for. Getting rid of the sand filters, putting in a new distributing are, new trickling arm, your still media based, so your operator will still be level 3 operator. Wolfe - What I'm getting at that is when the water comes rushing in, we still don't have a flow transmitter on the end, could we get one put in? There has got to be something that will send a notification to a phone when the level of water goes up. We never really finished with the first part. Matt Johnson- The excess flow doesn't really need an operator to get to the clarifier, what need an operator is to turn the chlorine on. Haddix- I'm not sure it's been used correctly. Wolfe- So after you put this clarifier in do you wright up some ONMs on how to run it correctly. We can throw a bunch of money at this but if we don't have the operator to handle it, we're still back at square one. Matt Johnson- Well tom is the Licensed operator; tom was here a couple weeks ago and I hadn't heard anything about things not working the way it's supposed to work. Chaney- Well at that time when he was here, we probably didn't have the flow we just had this weekend either. Matt Johnson- It doesn't make any sense for your over flow to have a plug in it, so if there is a plug in there it's not something that was designed it was added. The valve is there so that if there is more water coming in than you want, you can move the valve and send the water elsewhere. Wolfe- We didn't have the flow transmitter, so we'd take a ruler out to measure the water depth. Matt Johnson- One of the things we were looking into after phase 1 was installing a new flow meter, and we decided we weren't going to do that. Haddix- We had one at one time, but someone went out there and ripped it off. We had a grinder out there as well, but someone went and tore it out. Mayor Owen- Do we have an affluent meter working? Matt Johnson-I think you guys have authorized a purchase. Crispin- Will the new water were getting will that help our numbers any? Matt Johnson-It'll help the number indirectly, in the since there were two components that we had in the water that made sludge disposal expensive. One was arsenic and the other was copper. I'm pretty comfortable with saying the new water main will take care of the arsenic, I'm not sure about the copper yet. If the Paris water chemistry, isn't so aggressive it might drive down the copper. If we take care of those two, we could land apply again. So indirectly it would help. Wolfe- Is there a way we could aerate that to get rid of the ammonia? Matt Johnson- Aeration is one component, but you have to have something that is using that oxygen to oxidize the ammonia, and the plant isn't set up that way. Mayor Owen- Can we convert that excess flow tank to an aerator? Matt Johnson- The excess flow clarifier is nothing more than a settling tank. Crispin- If something goes wrong out there, is there alarms that send messages to our operators' phone? So, this option 4 the new technology, will it come with alarms and such so we don't have issues all through the night? Matt Johnson-Yes, its included, a dialing system and monitory. Haddix- Will that run off of WIFI or land line? Matt Johnson- We could set it up either way. If were putting in a force main from the Washington St. pump station all the way to the plant, then well have it trenched and could put a line in. We could then hook in the Washington St. pump station and the plant on one network. Mayor Owen- Is there any more questions? Chaney- I'd like to find more grant money. It's a huge cost raising peoples bills by \$25. Wolfe- We've done this for years, at what point or do they ever just come in and take over to put us in compliance. Matt Johnson- I've never seen it happen, could they, absolutely. And you have a consent order that has fines associated with it that are now 10 plus years. The fee would be retroactive. Wolfe-One other question, if we put all this money into it, do you guarantee this to work? Matt Johnson- I put an engineering seal on it. Wolfe- This last clarifier was supposed to work and nothing. Matt Johnson- The tech we're talking about works in other places, I put my seal on it saying it's going to work. I have professional liability insurance to help fix that if it doesn't. Haddix- Is it possible that we've got the wrong guy out there, would the EPA send someone out to clear that up with the facility that's there or whether well have to the remodeling. Matt Johnson- Fehr Graham's license operator has been there for a year, and the reports that I get from him is that there is nothing for him to work with. Haddix- We've been under Toms' tutelage for a year and it doesn't seem like our numbers have gotten any better. Matt Johnson- What tom keeps asking me to do it to get something in here that he can work with. The trickling filter doesn't work, the clarifier works, the sand filters don't work, and for a while we haven't even known how much water is coming in or going out. It's like this plant has just been let go for a long time. Mayor Owen- Well the plants old and unfortunate for us it is at the end of its life cycle. Jenness- What the life expectancy of the sewer plant? Matt Johnson- It varies depends on

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what you're talking about, if you have a buried tank maybe 50 years. If you put a mechanism in the middle of that tank it'd probably have a 20-year service life. Control panels and instruments probably a 10–15-year service life. That's why the cheapest thing you could build isn't the best because in 20 years the service life that you refurbish has higher replacement cost. The blended service life is 30-35 years. Jenness- You're talking about building a new facility that has a service life of about 30 years blended, but you're going to finance it for 38? Matt Johnson- We were talking about the 2 types of reserves. The 2nd one is called short lived assets, that's what address the point that you're making. The money set aside to replace the items needing replaced. There will still be structures that will have life left at the end of the borrowing. You'll have equipment that will need to be replaced probably twice. The \$25 a month up charge will cover the bill, dept service payment, debt service reserve, short lived assets. Haddix- You and I have walked around the trickling tank together and we know what kind of shape it is above ground, and the two secondary filters above ground. We're planning on retaining them, will they last another 30 years? Matt Johnson- I would say that when we get the mechanisms taken care off well have the tank open, we'll be able to do an inspection. Anything that we need to do to get the full-service life out of them we can do at that time. The letter for the IEPA was dated January 27th, they requested a response from the city within 30 days and we are past that. I offered to respond to them with what our plan was, but were past that now. The clock is ticking with the IEPA and these notices. Wolfe- A lot of people have the mentality that we should just leave it alone and wait to see what they do, well that's not how I'd like to do things. Mayor Owen- Wed be fined \$900,000 and not have a thing to show for it. Crispin- What's the likelihood of anymore grants being out there for this? Matt Johnson- The 2 main sources with the federal government which is what we're working on right now. I would say they are a little more reliable than the state of Illinois right now. Illinois has a program that was floated by the governor of Illinois, I'm not sure he's been successful selling bonds that he needed. I haven't heard or anyone actually receiving any money from that. Haddix- Should we do a door-to-door survey. Matt Johnson- I think a referendum is what you have in mind, so the city is under order from a local judge here, even if you put it out there and the city says no, we don't want to spend this money, your still under order from the judge. Mayor Owen- In our report can we put in that were working on our trickling filter and our sand filter and working with the chlorine, will that buy us time? Matt Johnson- Well need a schedule, I can put one together, but I'll need to know what you guys what you guys want to do. Haddix- When would the new plant be operational? Matt Johnson- 2-3 years. Wolfe- Lets come up with something here. Haddix- I hate to raise taxes and I hate to raise rates. Mayor Owen- Option 4 is the new technology and pretty much a whole new plant, everything we're supposed to have. Wolfe- So if we say do it, and we get the money are you going to do the pump station and line first thing? Matt Johnson- Yes. Wolfe- Were going to reuse the trickling filter it isn't going to kill us, now we're going to use the lift station, but if something goes on with the pumps were in big trouble. That's why I'd like to prioritize that. Matt Johnson- I don't think there is anything wrong with prioritizing that. I would say that just so everyone is aware, the way the USDA works is that well spend loan money before we can spend grant money. So, if we do the first part of the lift station and the force main, that will be 100% loan. So, we don't get into the grant money until we get into the end of the load. Chaney- You're spending the 5 million before you get the 2 million. Wolfe- We still owe on the clarifier, right? Matt Johnson- That is included. Crispin- It would be easier if we could spread the rate hike over a long period of time. If were looking at 3 years that's like \$8 per year. Matt Johnson- you can go longer, but you'll have to be ok with a negative cash flow, the system will lose money. Wolfe- Do an educated decision, he's asking if we could do it in 5 instead of 3, but I don't know what our reserve will cover. Matt Johnson- If you don't have to truck the hazardous waste out, your sludge disposal cost will go down. Crispin- Obviously we all want to do Option 4, but the rate hike is what's stopping everybody. Wolfe-Were going to suffer the backlash, but it should have been done years ago, and kept up. But we let it go, and it all falls on us, were going to be the bad guys no matter what, even though it was the boards before us that should have taken care of this.

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Pavilion:

Matt Johnson- We've got construction documents ready to sign, agreement and notices to proceed, have you guys already approved that contract. Crispin- They've already told me their ordering stuff.

Mutual Aid Agreement:

Chief Dolan- There is a police department in Hume as you know, but they are almost never there, so we are the closest community to them, and them to us with a full-time department. Were only 8 minutes away if we really need to be there in a hurry. I think people thinks that we'd be over there a lot, but I don't think we would be. It just formalized the idea that if they need us and same as for us. I was very impressed with their chief, and I can't see this hurting us in any way. Crispin- Did Newman come to us? Dolan- Oh yes. Crispin- Why didn't they go to Tuscola? Dolan- My understanding that is Douglas county they only have one officer on in the evening, and often at times they are unavailable. We really thinking about things that happen between us. We're going to help each other either way, but having this agreement is always a good thing. It's not going to tie up our resources. Haddix- You wouldn't be going over there for routine traffic stops? Dolan- I would never go over there for traffic. Wolfe- If they have a traffic stop, we don't want you running over to back them up. Dolan- There is a situation where it could happen, where there is need to extra help an officer. I suspect if you guys authorize it, it's just the same agreement with Ridge farm.

Excess Flow Clarifier:

Haddix- The excess Flow Clarifier needed replaced some time ago. Crispin- This is a pump for the new Clarifier? How many times has this been rebuilt? Haddix- It hasn't yet, we had a spare, and it was put in. Crispin- So this is the spare? Haddix- This is the spare.

Commissioner Crispin:

We need to get prices on a new snow plow, it's pretty well destroyed. Mayor Owen- It's already been welded once or twice. Crispin- I'm getting prices on that, I've talked to Ron Equipment, he hasn't gotten back with me. Mayor Owen- Does the state have anything, sometimes that state will sell their stuff.

Commissioner Haddix:

It was brought to my attention the other day that there is a residence that has been throwing trash out the back of the house. I had Tom send a guy on down, I think it's been taken care of.

COMMISSIONER CHANEY:

Nothing

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COMMISSIONER WOLFE:

Nothing

MAYOR OWEN:

Nothing

ADJOURNMENT:

HADDIX MOVED AND CHANEY SECONDED FOR ADJOURNMENT AT 8.32 P.M. VOTING AYE ON THE MATTER WERE ALL MEMBERS PRESENT. VOTING NAY NONE. MOTION CARRIED.

AUTUMN PERRYMAN, CITY CLERK