

**NORTH RIDGEVILLE MUNICIPAL COUNCIL
MINUTES OF
SPECIAL MEETING AUGUST 23, 2001**

CALL TO ORDER 5:30 P.M.

President Brown: I'd like to call this Special Meeting to order for the North Ridgeville Municipal Council. Mr. White, please read the notice.

READING OF NOTICE

Council Clerk White read the notice of the Special Council Meeting in full as on file in the office of the Clerk of Council as it relates to the French Creek Wastewater Treatment Plant expansion.

President Brown: Please take roll, Mr. White.

ROLL CALL

Present were Council Members Larry Overby, Allen Swindig, Karen Borocz, David Gillock, Jean Brown,
Absent were Council Members Gail Minnick and Bernadine Butkowski.
Also, present was Mayor Deanna Hill, Safety-Service Director Jim Johnson and Clerk of Council Jim White.
Law Director Eric Zagrans arrived at 5:35 P.M. and Auditor Chris Costin arrived at 5:48 P.M.

Clerk of Council White: I received a message from both Mrs. Minnick and a representative for Mrs. Butkowski that they would not make it, probably, tonight.

Mayor Hill: Mr. Zagrans is on his way, he called.

President Brown: Mr. Costin told me that he was going to be running a little bit late.

COMMITTEE REPORT

UTILITIES COMMITTEE REPORT #7093 Members of Council: We have considered the matter of amending Ordinance 3497-1999 and 3592-2000 to a total of six million ninety six thousand dollars and recommend that this request be approved and legislation be drawn authorizing same.

Signed: Dave Gillock and Karen Borocz.

motion by Gillock to accept, 2nd by Borocz

President Brown: Any discussion regarding it?

Safety-Service Director Johnson: Madame President, with this ordinance and the questions we've had, we really need to have this passed tonight. I asked Mr. Daley if he would come and give a presentation to the other Council people or ask any other questions that you would have that you would ask to Mr. Daley, to direct him for his answers.

President Brown: Do I need a motion from Council to change our By-Laws a little bit.

so moved by Borocz, 2nd by Overby

President Brown: Any discussion? Take roll please, on Mr. Daley speaking.

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Council Member Gillock: Point of order. Don't we already have a motion on the floor for accepting the committee report?

Clerk of Council White: Yes we do. We should have a vote on the committee report first.

Council Member Overby: I'll withdraw my second.

Council Member Borocz: I'll withdraw my motion.

Clerk of Council White: If there's any discussion...

President Brown: Any discussion on the committee report? Take a vote on the committee report.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero to accept the committee report.

motion by Borocz, 2nd by Overby for Mr. Daley to speak

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero.

Council Member Gillock: Madame President, I think we do need to suspend By-Laws to assign a T number to this so we have a number to discuss.

Council Member Swindig: We have a motion on the floor though.

Clerk of Council White: We've passed that.

Council Member Swindig: We have another.

Council Member Overby: Right. To allow Mr. Daley to speak.

Council Member Swindig: And then we can go into the T number.

Council Member Gillock: We just voted on that.

Clerk of Council White: We passed the fact that he may speak.

Council Member Swindig: Okay.

Clerk of Council White: That we did do. I understand what you're saying. He's speaking right now not to an ordinance because we don't even have a T number.

President Brown: Mr. Daley?

Council Member Gillock: We still got to give it a T number.

Clerk of Council White: Mr. Law Director's here, but I think you need to give this a T number so that you're talking about the ordinance itself. The only thing that you have discussed so far has been the Utilities Committee Report and you're asking Mr. Daley, in effect, to speak about the ordinance process. I think you need a T number.

motion by Gillock to suspend By-Laws to assign a T number to this particular legislation
in regards to the French Creek improvements, 2nd by Swindig

President Brown: Discussion? Take roll please.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero to assign a T number. The T number will be T 118-2001.

President Brown: Mr. Daley, you can do your thing.

FCWTP Superintendent Daley: You're probably wondering, why the 1.3 million additional cost? As the plant expands, as we've been doing research on the technology, we have to keep abreast of what kind of technology is out there. Part of the cost of course, the majority of the cost, was the building addition and sand filters themselves. Which, 27 years ago that was today's technology, sand filtration. Looking through the different technologies that came through, we had quite a conversation with the EPA, Northeast District and also Ohio EPA as to what is going to be expected in the future for the City of North Ridgeville or Elyria or Lorain and one thing is going to happen, that each and every one of those permit changes every four years, it's going to be more stringent. Sand filters is a technology that has been for the last 200 years in the United States, but further than that, throughout civilization. Sand filters will only clean water down to a certain part per million and usually sand filters are effective anywhere from eight to five. Our permit levels were at one time, when I first came here, 25, 35 and then you went down to 12, to 18. Now they're down to three to five. So, you see what EPA's doing through the recantation of our water that's going to the stream. It's not only more cleaner, but the aspect of it is it's going to become more expensive. So, the technology that you've got to deal with is something that's going to remove the water after treatment to bring it to that level, safe levels, that will meet our NPS permit requirements. The only thing that was able to do that and meet the requirements for the future and I'm talking four year increments with our permits, is what they call disc filtration. Disc filtration in lieu of sand filtration. Sand filtration is a rectangular box with sand on it. Your water after treatment, water solid separation passes through the sand, the sand sends out any suspended particle and some of the dissolved particles leaving a cleaner water after it goes through. The disc filtration is a unit where the water passes through a membrane and the membrane rotates in the water itself therefore, allowing a fresh contact service for this water to go through. After it does it so long and it gets filled up, there's a pressure differential across the inside of the disc to the outside of the . As the dirty water raises the pressure level on the outside of the disc raises and triggers a switch to be able to put this into a back wash motion which allows reverses the water, clean the membrane and then we go back online with it. What is really unique about this filter is that in an eight by 12 square foot area you can treat three million gallons of water. Obviously, our plant's bigger than that, but what that does mean is that you can treat more water with less area. We will never have to expand our building. We can just migrate back to our old filters and redo the filters themselves with the disc filters. What does that mean? That means a big savings in additional costs 10, 15 years. Anybody else does not go into that, the sand filtration, is probably three times, well it's double what the disc filtrations are. That's what made us look into this. Because, when we went into the plant expansion, we knew what we wanted to do with this. We talked with the Mayor and different parties involved in treatment and I have 30 years in this field, so technically speaking, my assistant and I, we darn well know what we're doing. The treatment that we got into we started to look at the sand filtration and making back what, two times came up, an absorbent amount of money which caused a great amount of tension to the expansion of the filtration treatment area. Through talks back and fourth with US Filter, which is the representative for those filters out there, we talked with them at great length and they wouldn't change their mind nor would they change their cost. Although, the contractors

that were bidding on everything, their prices were all over the place because they wanted to do the work and they were lowering their prices in order to get the job. But, the equipment wasn't coming down one iota. Stan and I looked at these disc filters and the attention came to us through the disc filters because Grafton, Ohio has these in operation now. So, that's the reason I called the EPA and I said, what is the credibility? They said that the credibility is great with these things because number one, the one's in Grafton they have a performance of over a million dollar performance bond on it. So, I started looking into it closer with Stan, and there's disc filters in Florida that have been used for 22 years. The technology came out of Canada and so we started looking at great lengths with these things and that's why we came to the conclusion.

We've been very, very prudent out there at French Creek. I don't believe we should put technology and 5 years later we're going to have to rip the whole thing out and do it over again. I don't see that as good management quality at all. So, we're talking about that amount of money to be able to take care of it now. I'm sure that any one of these, in your own home budget, would have to look at the same thing that that sort of technology or that sort of thing, if you've already got it ripped a part, you don't want to dig that hole back up again. So, that's the reason we want it. I feel confident with that thing. I feel that even when I'm gone, whoever's running that plant will be able to go ahead and go to the stringent limitations that are going to happen in the future. All they'll do is they'll take out these discs and put new membranes on. Whereas, with the sand filtration, I can tell you, a couple of Council Members were out there when we were rebuilding these sand filters. It was 24 hour duty and intense labor. There was a lot of misdemeanor accidents, cutting your hands and whatever and getting away from a labor intensive with, I shouldn't say off the shelf technology, but easier technology to be able to meet the standards, makes sense. Makes good sense. French Creek has got a lot of people looking at it like going in this direction. I think that the death of the sand filters is at hand as far as technology. US Filters is a huge company. They're world wide and their sand filters are represented in our plant and have done a good job up until now by technology changes as we all know. We're involved with the computers. We're involved in technologies to take care of today's needs to clean that water and that's why I came with this proposal and every time I've come to Council, you guys have come to the front lines. I brought to the Mayor's attention, she thought it was serious enough to do this and that's where we were at today. Is there any questions?

President Brown: I have a question. This will handle the future by how many years?

FCWTP Superintendent Daley: Membrane filter, probably will handle it within the next 10, 15 years. Technology will change. I'm sure they'll come up, I mean, there's technology out there now that is so expensive reverse osmosis and where are we going with wastewater water? I think wastewater water is coming in together like that. Us in the mid west enjoy it, but there is a shortage of fresh water. I can tell you right now, they consider our waste as a commodity in the future to the west, the arid west. You're drinking water limitations, the new standards didn't go away. We still have the arsenic levels that we got to come down to and I will tell you right now, sand filtration is not the answer. EPA knows this now. You go to any of their technical meetings, there all looking at membrane filters for drinking water. So that means that drinking water plants are going to have to take a look at. I'm proud to say that our wastewater plant is

taking a look at membrane filters now, in 2001. I think it's important that we lead, we never did follow.

Council Member Swindig: Madame Chairman, what is the maintenance? Is the maintenance a lot easier than normal maintenance over, you don't have the unexpected but you know, in emergency breakdowns?

FCWTP Superintendent Daley: It has, the disc wheels that are about four inches thick. I gave you a video I thought you'd pass it around and the only maintenance is greasing the outside and pulling the membranes off if one gets damage, you put it back up. With a sand filter, if something happens down in the walk, you've got to take the sand filter off, call in people that have these sand suckers to pull it out, then you've got to get down and appraise it all and your down time is probably 10 times what it would be with this right here and when it comes in and it's put, I hope that you come down to take a look at that technology. I'm sure there will be a lot of people talking to you about the technology you got for today.

President Brown: Any other questions of Mr. Daley?

Mayor Hill: Madame President, I think that if I were here that would be the first to ask, but I know that Mr. Daley keeps a close eye on the budget and a close eye on our revenues and he keeps promising it's going to be over a million dollars a year and I believe him because it's steadily risen. However, with this and the projections by HB Engineering, Incorporated, it seems pretty clear that this additional funding that's needed is not only necessary because it will save us money long run, but also it comes out of the French Creek assessments that go into the French Creek Fund because French Creek Wastewater Treatment Plant basically funds itself and actually brings in a profit to the City. Isn't that correct Mr. Daley?

FCWTP Superintendent Daley: Yes sir.

President Brown: Any other questions? Thank you very much, Mr. Daley. Now we can take a vote on T 118.

Clerk of Council White: We need a motion to suspend By-Laws to give it a first reading.
motion by Swindig, 2nd by Overby

President Brown: Any discussion? Please note that Mr. Costin is here.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero to give T 118-2001 first reading.

FIRST READING

T 118-2001 AN ORDINANCE AMENDING ORDINANCE NOS. 3497-1999 AND
3721-2001 3592-2000 BY INCREASING THE AMOUNT OF THE FRENCH CREEK
 WASTEWATER TREATMENT PLANT EXPANSION FROM \$4,775,000.00
 TO \$6,096,000.00.

Third Reading

motion by Swindig to suspend second and third readings, 2nd by Overby

President Brown: Any discussion? Seeing none, please take roll on the suspension.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero to suspend second and third readings.

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motion by Overby to adopt, 2nd by Swindig
motion by Swindig to add the emergency due to the time restraint with the bid
opening, 2nd by Borocz

President Brown: Any discussion? Please take roll, Mr. White.

Council Member Swindig: Madame Chairman, Mr. Costin.

Auditor Costin: One related observation for your general knowledge is the note issue that we
authorized at the last meeting I attended, the interest rate of that note, bond anticipation note, was
3.01 percent. I think that's the lowest I ever remember. Thank you.

Council Member Swindig: I will amend by motion for the emergency as to the low rate on the
note.

President Brown: Any other discussion? Please take roll.

Clerk of Council White: Vote on the emergency.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero. On the adoption.

Yes, 5 No, 0

Clerk of Council White: Motion carries five, zero. T 118-2001 becomes Ordinance No. 3721-
2001 with the emergency.

Permanent Ordinance No. 3721-2001

President Brown: Call for adjournment.

ADJOURNMENT

motion by Swindig to adjourn, 2nd by Overby

President Brown: Meeting adjourned.

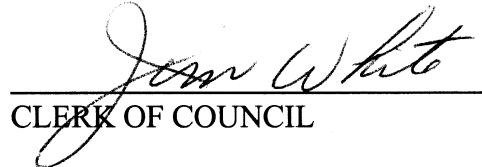
Meeting adjourned at 5:50 P.M.

MOTION Swindig 2ND Gillock DATE September 4, 2001

YES 4 NO 0 ABSTAIN 2 - Minnick, Butkowski



PRESIDENT OF COUNCIL



CLERK OF COUNCIL